ENGINEERING SUBMITTAL DATA

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FEBRUARY 2026

SMARTSOURCE®

HORIZONTAL AND VERTICAL WATER SOURCE HEAT PUMPS

Models WSCH, WSDH, WSMH, WSNH, WSSH, WSTH,
WSCV, WSDV, WSMV, WSNV, WSSV, WSTV
Sizes 007 – 070 (1/2 to 6 Tons)
R-32 Refrigerant





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AHRI CERTIFIED® www.ahridirectory.org Water Source HP ANSI/AHRI/ASHRAE/ISO13256

C ETL LISTED US Intertek

Hazard Identification

⚠ DANGER
Danger indicates a hazardous situation, which will result in death or serious injury if not avoided.

⚠ WARNING
Warning indicates a potentially hazardous situations, which can result in property damage, personal injury, or death if not avoided.

⚠ CAUTION
Caution indicates a potentially hazardous situations, which can result in minor injury or equipment damage if not avoided.

NOTICE
Notice indicates practices not related to physical injury.

NOTE: Indicates important details or clarifying statements for information presented.

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Introduction

SmartSource® Single Stage or Two Stage Horizontal & Vertical Water Source Heat Pumps

Industry Leading Efficiencies



SmartSource water source heat pumps from Daikin Applied combine industry-leading efficiencies, high indoor air quality, and consistent air temperatures. So now you can do your part to conserve energy and enjoy a comfortable indoor environment.

Why part load efficiency matters most

SmartSource water source heat pumps are available in both vertical and horizontal configurations and in sizes from 1/2 to 6 tons. They are ideal to assist with LEED certification and for earning energy rebates and tax deductions.

** Consult your utility provider for rebate opportunities.*

In most environments, heating and cooling systems operate at part load most of the time. That's where SmartSource units with two stage compressors really shine. Here's how:

- **More comfortable –** At lower fan speeds, more heat and humidity is removed as air passes through the unit. That means the air entering the room is more comfortable.
- **More consistent comfort –** At part load, units with the two stage compressor option run more often with reduced cycling to deliver a more consistent room air temperature.
- **More energy savings –** At lower speeds, units use less energy, so you save on utility costs.
- **Lower operating costs –** When motors and compressors cycle on and off less, they last longer. That means fewer repairs and longer part life.

Durable construction

Cabinets feature a rugged, heavy gauge unpainted galvanized steel or powder coat painted sheet metal for exceptional durability. Panels can be easily removed for maintenance and service. The interior surfaces are lined with 1/2-inch fiberglass insulation as standard. The optional sound package adds an additional 1/2-inch layer for a full 1 inch of fiberglass insulation. The optional IAQ option replaces the standard fiberglass insulation with a cleanable 3/8-inch thick, closed-cell insulation.

Wide range of options

Available options on all units include auxiliary electric heat in external configurations. MERV 4 filters are standard and filters up to MERV 13 are available, with optional 2 inch or 4 inch filter rack. A waterside economizer or hydronic heat is available to minimize mechanical space conditioning by using loop water to condition the space.

Simplified dehumidification and hot gas reheat (WSM and WSS sizes 015-070, WSN, WST) options are available for maintaining low humidity levels. The waterside economizer option can also be utilized along with the hot gas reheat option.

Typical applications for SmartSource water source heat pumps include schools, hotels, multi-family buildings, office buildings, government offices, senior living facilities, and other projects, both new construction and retrofit. Where high efficiency is a key specification, our Plus and Premium units are available to fit the bill.

Compact footprint (WSC, WSD)

We at Daikin Applied have lead the way for over 40 years in horizontal and vertical water source heat pump design, with a focus on small-scale, serviceable units that provide commercial building contractors and facility managers with a low-cost alternative to more expensive and larger water source heat pumps. Readily available in-stock, compact units are ideal for new, existing, or replacement jobs where space is premium and budgets are constrained. Compact units offer:

- One of the smallest footprints in the industry to fit where there's limited, valuable space
- High-performing options like ECMs with adjustable airflow settings and a waterside economizer
- Smooth, quick installation
- High performance and quiet operation with improved comfort
- Low, first-installed cost
- Reliable, efficient cost-saving operation

Model Nomenclature

1	2-3	4	5-7	8	9	10	11-12	13	14	15	16	17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	32	33	34
W	SC	V	007	E	1	F	LT	C	M	T	P	A	Y	Y	1	YY	A	Y	Y	Y	Y	Y	S	S	Y	Y	Y	L

Category	Code Option	Code	=	Description
Product Category	1	W	=	Water Source Heat Pump
Model Type	2-3	SC	=	SmartSource Small Capacity Compact - Single Stage
		SD	=	SmartSource Small Capacity Compact - Two Stage (Sizes 024-070)
		SM	=	SmartSource Small Capacity Plus - Single Stage
		SN	=	SmartSource Small Capacity Plus - Two Stage (Sizes 024-060)
		SS	=	SmartSource Small Capacity Premium - Single Stage
		ST	=	SmartSource Small Capacity Premium - Two Stage (Sizes 024-070)
Configuration	4	H	=	Horizontal
		V	=	Vertical
Nominal Capacity	5-7	007	=	7,000 Btuh Nominal Cooling
		009	=	9,000 Btuh Nominal Cooling
		012	=	12,000 Btuh Nominal Cooling
		015	=	15,000 Btuh Nominal Cooling
		019	=	19,000 Btuh Nominal Cooling
		024	=	24,000 Btuh Nominal Cooling
		030	=	30,000 Btuh Nominal Cooling
		036	=	36,000 Btuh Nominal Cooling
		042	=	42,000 Btuh Nominal Cooling
		048	=	48,000 Btuh Nominal Cooling
		060	=	60,000 Btuh Nominal Cooling
		070	=	70,000 Btuh Nominal Cooling (WSC, WSD, WSS & WST)
Voltage	8	A	=	115/60/1 (Sizes 007-015)
		E	=	208-230/60/1 (Sizes 007-070)
		F	=	208-230/60/3 (Sizes 024-070)
		J	=	265/60/1 (Sizes 007-036)
		K	=	460/60/3 (Sizes 024-070)
		L	=	575/60/3 (Sizes 048-070)
Design Series (Vintage)	9	1	=	Design Series 1
Piping Hand	10	F	=	Front
Cabinet Configuration	11-12	LE	=	Left Hand Return / End Discharge (Horizontal Only)
		LS	=	Left Hand Return / Straight Discharge (Horizontal Only)
		RE	=	Right Hand Return / End Discharge (Horizontal Only)
		RS	=	Right Hand Return / Straight Discharge (Horizontal Only)
		LT	=	Left Hand Return / Top Discharge (Vertical Only)
		RT	=	Right Hand Return / Top Discharge (Vertical Only)
Water Coil Type	13	C	=	Copper Inner Tube (WSC, WSD, WSM, & WSN)
		G	=	Copper Inner Tube - Geothermal (WSC, WSD, WSM, & WSN)
		B	=	Brazed Plate Heat Exchanger (WSS & WST)
		H	=	Brazed Plate Heat Exchanger - Geothermal (WSS & WST)
		S	=	Cupronickel Inner Tube (WSC, WSD, WSM, & WSN)
		J	=	Cupronickel Inner Tube - Geothermal (WSC, WSD, WSM, & WSN)

1	2-3	4	5-7	8	9	10	11-12	13	14	15	16	17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	32	33	34
W	SC	V	007	E	1	F	LT	C	M	T	P	A	Y	Y	1	YY	A	Y	Y	Y	Y	Y	S	S	Y	Y	Y	L

Category	Code Option	Code	=	Description
Unit Control	14	M	=	MicroTech Unit Controller
		B	=	MicroTech Unit Controller + BACnet
Controller Options	15	T	=	Thermostat Control
		S	=	Sensor Control
Fan Motor Options	16	P	=	PSC (WSC and WSM)
		C	=	ECM Constant CFM (Sizes 015-070) (575 V on WSS & WST Only)
		T	=	ECM Constant Torque (WSC, WSM, & WSS) (575 V on WSS Only)
Insulation (Compressor Side and Air Side)	17	A	=	Standard - Fiberglass
		B	=	IAQ - Closed Cell Foam
		C	=	Sound Package - Dual Layer Fiberglass
		D	=	Sound Blanket + Fiberglass (Sizes 024-070)
		E	=	Sound Blanket + IAQ - Closed Cell Foam (Sizes 024-070)
		F	=	Sound Blanket + Sound Package - Dual Layer Fiberglass (Sizes 024-070)
Water Coil - Indoor Coil	18	Y	=	None
		W	=	Waterside Economizer
		R	=	Hydronic Heat
Dehumidification	19	Y	=	None
		R	=	Hot Gas Reheat (WSM Sizes 015-070, WSN, WSS Sizes 015-070, & WST)
		S	=	Simplified Dehumidification
Transformer	20	1	=	50VA Transformer
		2	=	75VA Transformer
Options	21-22	YY	=	None
		0A	=	Freeze Fault
		0C	=	Water Pressure Differential Switch (N/A for WSC & WSM Sizes 007-012)
		0F	=	Freeze Fault + Water Pressure Differential Switch (N/A for WSC & WSM Sizes 007-012)
Filter Racks & Filter	23	A	=	Standard 1″ Rack - 1″ Disposable Filter
		D	=	2″ Rack - 2″ MERV 8 Filter
		F	=	2″ Bottom Access - 2″ MERV 8 Filter (Horizontal Only)
		H	=	4″ Rack - 4″ MERV 13 Filter
		J	=	4″ Bottom Access - 4″ MERV 13 Filter (Horizontal Only)
		Y	=	None (Vertical Only)
Water Flow Options	24	Y	=	None
		A	=	Isolation Valve (NO) (N/A for WSC & WSM Sizes 007-012)
		B	=	Isolation Valve (NC) (N/A for WSC & WSM Sizes 007-012)
		C	=	Head Pressure Control - Refrigerant Tap

1	2-3	4	5-7	8	9	10	11-12	13	14	15	16	17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	32	33	34
W	SC	V	007	E	1	F	LT	C	M	T	P	A	Y	Y	1	YY	A	Y	Y	Y	Y	Y	S	S	Y	Y	Y	L

Category	Code Option	Code	=	Description	
Piping Package	25	Y	=	None	
		A	=	Auto Flow Control - 1.5 GPM	WSS & WST Models Only
		B	=	Auto Flow Control - 2.0 GPM	
		C	=	Auto Flow Control - 2.5 GPM	
		D	=	Auto Flow Control - 3.0 GPM	
		E	=	Auto Flow Control - 4.0 GPM	
		F	=	Auto Flow Control - 4.5 GPM	
		G	=	Auto Flow Control - 5.0 GPM	
		H	=	Auto Flow Control - 6.0 GPM	
		J	=	Auto Flow Control - 7.0 GPM	
		K	=	Auto Flow Control - 8.0 GPM	
		L	=	Auto Flow Control - 9.0 GPM	
		M	=	Auto Flow Control - 10.0 GPM	
		N	=	Auto Flow Control - 11.0 GPM	
		P	=	Auto Flow Control - 12.0 GPM	
		Q	=	Auto Flow Control - 13.0 GPM	
		S	=	Auto Flow Control - 15.0 GPM	
Electric Heat Size	26	Y	=	None	
		F	=	Electric Heat Control Harness - 24V Signal (Field Installed Duct Heater)	
Electric Heat Control (Board Configuration)	27	Y	=	None	
		B	=	Boilerless Electric Heat	
		P	=	Primary Electric Heat (No Heat Pump Heating)	
		S	=	Supplemental Heat	
Cabinet Color	28	Y	=	Galvanized	
		B	=	Textured Charcoal Bronze	WSM, WSN, WSS, & WST Models Only
		W	=	Off White	
		S	=	Antique Ivory	
		D	=	Cupola White	
		V	=	Soft Grey	
		K	=	Putty Beige	
Standard or Special	29	S	=	Standard	
		X	=	Special	
Drain Pan Material	30	P	=	Plastic Drain Pan (Horizontal Only) (N/A for Sizes 007-012 on WSCH & WSMH)	
		S	=	Stainless Steel Drain Pan	
Electrical Options	31	Y	=	None	
		D	=	Non-Fused Disconnect Switch	
Corrosion Protection	32	Y	=	None	
		C	=	Corrosion Protection	
Future Use	33	Y	=	None	

1	2-3	4	5-7	8	9	10	11-12	13	14	15	16	17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	32	33	34
W	SC	V	007	E	1	F	LT	C	M	T	P	A	Y	Y	1	YY	A	Y	Y	Y	Y	Y	S	S	Y	Y	Y	L

Category	Code Option	Code	=	Description
Extended Warranty	34	Y	=	None
		V	=	1 Year Extended Compressor Only Parts Warranty
		W	=	1 Year Extended Refrigerant Circuit Parts Warranty
		M	=	1 Year Extended Compressor Only Parts Warranty with 1st Year Labor Allowance
		N	=	1 Year Extended Refrigerant Circuit Parts Warranty with 1st Year Labor Allowance
		S	=	1 Year Extended Complete Unit Parts Warranty with 1st Year Labor Allowance
		E	=	1 Year Extended Complete Unit Parts Warranty
		C	=	4 Year Extended Compressor Only Parts Warranty
		R	=	4 Year Extended Refrigerant Circuit Parts Warranty
		P	=	4 Year Extended Complete Unit Parts Warranty
		F	=	4 Year Extended Compressor Only Parts Warranty with 1st Year Labor Allowance
		H	=	4 Year Extended Refrigerant Circuit Parts Warranty with 1st Year Labor Allowance
		J	=	4 Year Extended Complete Unit Parts Warranty with 1st Year Labor Allowance
		L	=	First Year Labor Allowance
		T	=	4 Year Extended Complete Unit Parts Warranty with 5 Year Labor Allowance

Components and Technology



No.	Component	Description
1	PSC and EC Fan Motor Options	PSC fan motor includes thermal overload protection for years of maintenance free service and is factory wired to maximize performance and efficiency. EC fan motor options have 8 field adjustable fan settings and up to 7 operating mode options to provide a wide range of airflow selection (up to 28) for quieter operation and lower energy consumption.
2	Two-Stage Compressor Option	A two-stage compressor option is available in a variety of commercial voltages. The compressor is mounted on a double isolation system for reduced sound and vibration transmission.
3	Refrigerant Circuit	The unit utilizes R-32 refrigerant with a bi-flow thermal expansion valve for precise metering and a four way solenoid reversing valve.
4	MicroTech® Controller	The MicroTech control board provides easy open-protocol integration with optional BACnet®.
5	LED Status View Port	The LED status view port allows an instant visual of unit operation for quick troubleshooting and advanced diagnosis without removing the access panel.
6	Filter Options	The standard 1″ filter has two-sided filter rails which allow for easy removal during filter changes. Optional filter racks for MERV 8 or 13 filters (MERV 4 by others) are available with gasketed filter seals to meet LEED-NC EQc5 applications with leakage rate at less than 4 CFM per square foot of filter area at 0.5″ ESP.
7	Plastic and Stainless Steel Drain Pan Options	The drain pan is internally sloped with a free-draining pipe connection for positive condensate flow to meet ASHRAE 62.1 Section 5.11. A plastic drain pan option is available on horizontal units (N/A for sizes 007-012 on WSCH & WSMH).
8	Flush Mounted Fittings	Easy one wrench connection, securely fastened to the cabinet corner posts.
9	Blower and Motor Orifice Ring	The blower and motor orifice ring allow for easy service without removing the blower housing or disconnecting the unit from the duct work.
10	Durable Cabinet Construction	Cabinets feature a rugged, heavy gauge, unpainted galvanized steel or powder coat painted sheet metal (WSM, WSN, WSS, WST only) for exceptional durability. Panels can be easily removed for maintenance and service. Half inch fiberglass insulation lines the interior surfaces of the unit as standard. Additional insulation options are available with the sound package or IAQ options.

Component and Option Details

Hot Gas Reheat Dehumidification (WSM & WSS sizes 015-070, WSN, WST)

For improved indoor climate control, Daikin Applied offers an accurate and cost effective dehumidification control option. Hot gas reheat is an excellent solution for applications where maintaining low humidity in a space is crucial. With hot gas reheat, once the space temperature is satisfied, the humidistat signal diverts the high temperature refrigerant gas to the reheat coil located downstream of the cooling coil. The conditioned and reheated air prevents over cooling of the space and maximizes moisture removal for improved indoor comfort.

With the optional ECM fan system, the airflow is adjusted for optimal moisture removal and sound levels are kept to a minimum. It is especially effective during low load conditions when proper control is critical. Under humid conditions (60% RH) and typical loop water temperatures, the latent capacity is optimized for approximately 90% of the sensible capacity, resulting in greater occupancy comfort with dehumidified air.

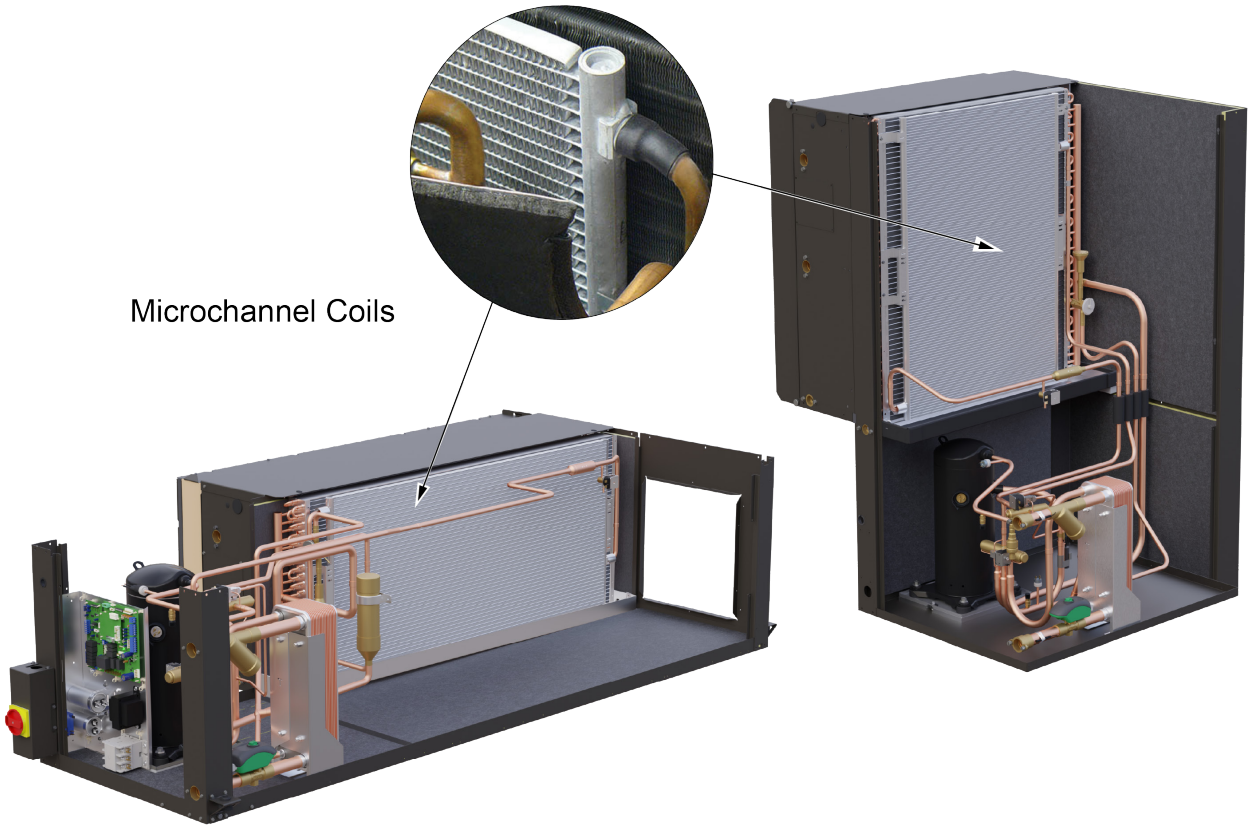
Simplified Dehumidification

The Simplified Dehumidification option allows for reduced humidity without hot gas reheat. By pairing the optional ECM fan system and a 3-stage thermostat, the unit MicroTech controls will lower the fan speed as the space temperature approaches the thermostat cooling set point while decreasing room humidity levels. The cooling demand is therefore satisfied with the lowest possible CFM for maximum latent cooling capacity.

Hydronic Heat

The hydronic heat option helps to reduce energy consumption by using hot loop water temperatures to condition a space without energizing mechanical heating. Hydronic heat can help maximize heat transfer from rooms that require cooling to ones that require heating without the added cost of operating the compressor.

The unit includes a hydronic heating coil located downstream of the unit's evaporator coil and after the filter. When entering water temperatures are between 70° to 120°F, a 3-stage thermostat or room temperature sensor in conjunction with a factory-installed entering water temperature sensor and a 2-position 3-way diverting valve, determine when loop water can be diverted to the hydronic coil for hydronic heating. Smart fan controls further reduce energy consumption and sound levels by delivering optimum airflow during hydronic heat operation.



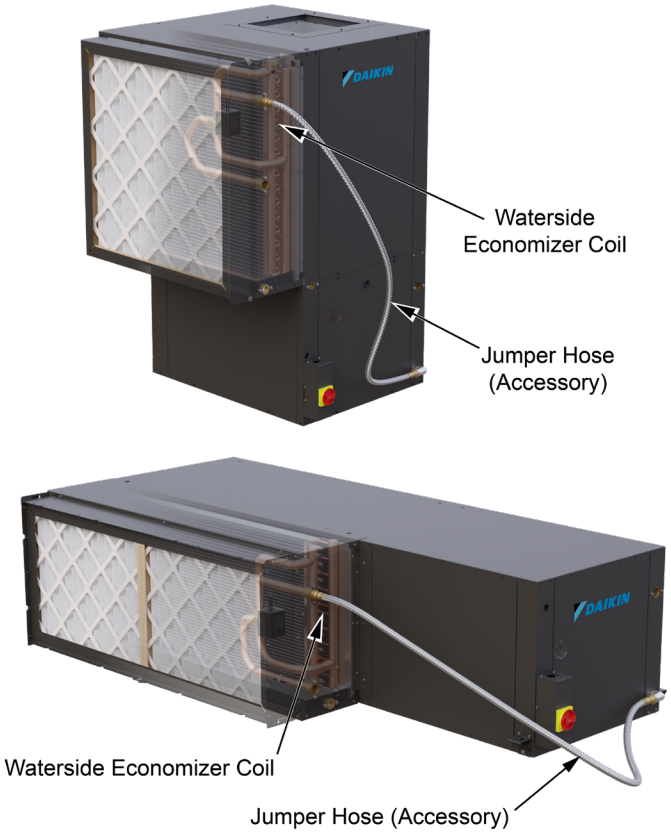
Waterside Economizer

The waterside economizer option helps to reduce energy consumption by using cool loop water temperatures to condition a space without energizing mechanical cooling. Even in the coldest weather, a space can experience a build-up of ambient heat from people, equipment, lighting, and the sun. Buildings with temperature controlled computer rooms, media/resource rooms or medical equipment rooms, benefit from the waterside economizer when the geothermal loop field or cooling tower temperatures are cool enough to provide air conditioning.

The waterside economizer includes a hydronic cooling coil located upstream of the unit's evaporator coil and after the filter. When entering water temperatures are between 45° to 65°F, a 3-stage thermostat or room temperature sensor in conjunction with a factory-installed entering water temperature sensor and a 2-position 3-way diverting valve, determine when loop water can be diverted to the hydronic coil for economizer cooling.

With the optional ECM fan system, energy consumption and sound levels will be further reduced by delivering optimum airflow during economizer operation. The SmartSource controller determines if the economizer and mechanical cooling can be activated together, while optimizing unit airflow. The controller also provides low temperature protection to avoid economizer operation when entering water temperatures are below 35°F.

Both a waterside economizer and the hot gas reheat options can be used on the same unit.



Cabinet Insulation Options

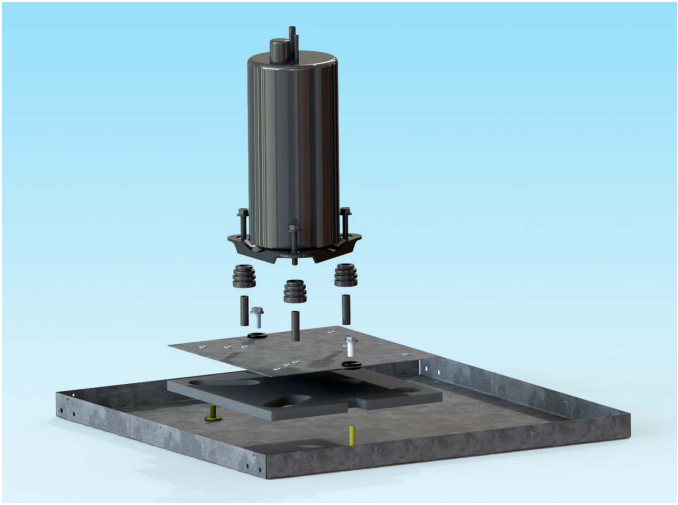
As a standard, the interior cabinet surfaces are lined with 1/2″ thick, dual density fiberglass insulation with edges sealed or tucked to prevent introduction of fibers into the discharge air stream, providing maximum sound attenuation. The standard cabinet insulation meets NFPA 90A/90B requirements, air erosion and mold growth limits of UL-181, fungal resistance test per ASTM-C1338 or ASTM G21, and meets zero level bacteria resistance per ASTM G22. All insulation has a flame spread of less than 25 and a smoke developed classification of less than 50 per ASTM E-84 and UL 723.

Optional insulation is available in 3/8″ thick closed-cell, non fibrous insulation for Indoor Air Quality (IAQ). A sound reduction package consisting of two layers of 1/2″ thick, dual density fiberglass insulation is also available.

For unit sizes 024 - 070, a compressor blanket constructed from high performance Duracoustic sound material with superior sound absorption and deadening properties is available. The compressor blanket can also be selected with the IAQ or sound package options.

Designed-in Sound Reduction

Provided as standard, the unit has a unique dual-level vibration isolation system. A heavy-gauge mounting plate is isolated from the cabinet base with a 1/2″ thick dense foam pad to minimize vibration transfer. The compressor is then isolated from the mounting plate with isolation grommets. The compressor is located in a well-insulated compartment separated from the air stream to minimize sound transmission.



Cabinet

All SmartSource vertical and horizontal cabinetry is fabricated from heavy gauge G-60 galvanized sheet metal. Unit cabinets can also be painted in multiple colors with a standard rugged, textured-non-glare, powder-coat paint (N/A for WSC & WSD).

The vertical unit offers two cabinet configurations with 4 unique cabinet sizes that make up the 1/2 through 6 ton vertical heat pump product line. For maximum flexibility, each vertical unit is available in either a left-hand or right-hand return air arrangement to provide the optimum piping location and service access. The mirror image design of the units allow for configuring the system using minimum ductwork and piping. This helps reduce design, material and installation costs.

Horizontal mounted units offer 4 cabinet sizes in four unique cabinet configurations with the smallest possible footprint, allowing for optimum design flexibility. Horizontal mounted units ship with heavy metal brackets, rubber isolators, fasteners and washers to suspend and isolate the unit from the building.

Unit Configurations

Figure 1: Two Vertical Unit Configurations

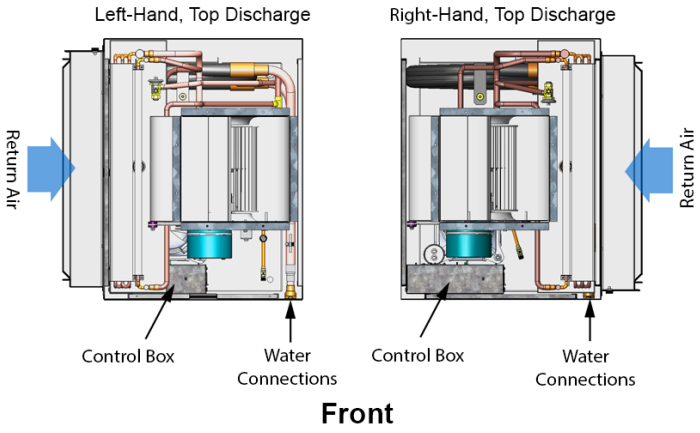
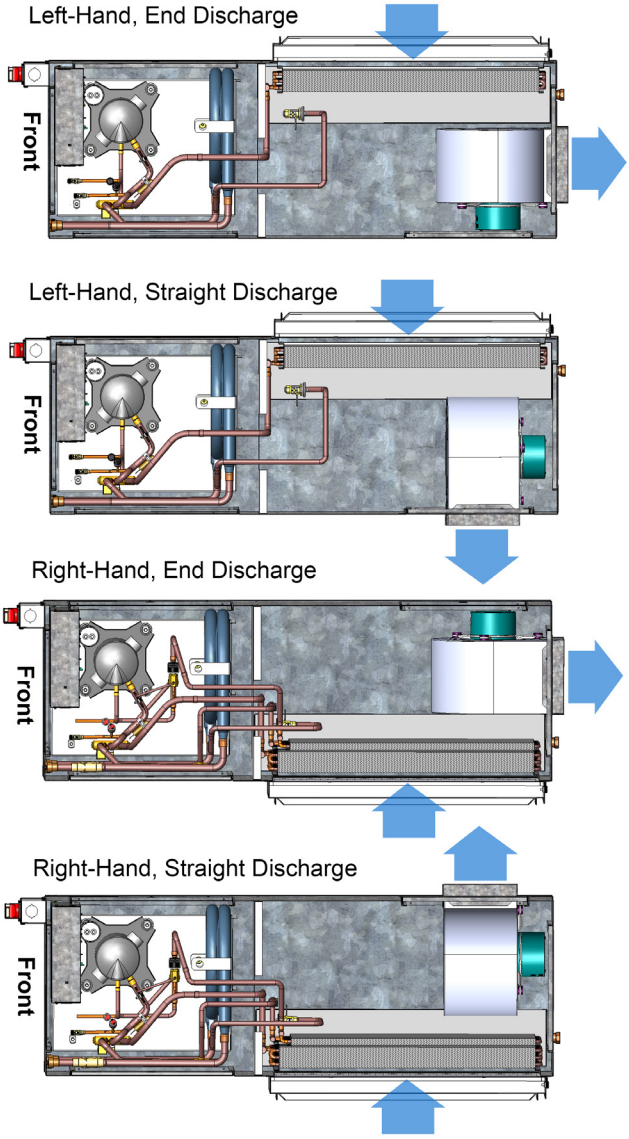


Figure 2: Four Horizontal Unit Configurations



NOTE: Unit left or right hand is determined by facing the supply and return water connection (front) side of unit.

PSC and ECM Fan Motors



The 3-speed PSC motor option (WSC & WSM) comes permanently lubricated and includes thermal overload protection for years of maintenance free service. The motor is factory wired to maximize performance and efficiency. The motor is isolated from the fan housing using rubber isolators to minimize vibration transmission. All blower/motor assemblies have a removable orifice ring on the housing to accommodate motor and blower removal without disconnecting the unit from the ductwork.



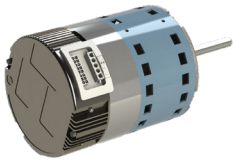
Constant Torque ECM Sizes 007-012

The constant torque EC blower motor option (WSC, WSM, & WSS) offers increased efficiencies. This motor is similar in function to a PSC, but will deliver airflow at higher external static pressures. These motors (unit sizes 007-012) include a field adjustable, 8-position fan speed selector switch and custom speed over BACnet. This ECM option is an excellent choice for retrofit projects. These motors do not require a neutral wire for 460/3 electrical.



Constant Torque ECM Sizes 015-070

For unit sizes 015 – 070, the high efficiency EC constant airflow motor option provides constant airflow and economical performance over a wide static pressure range. This motor is an ideal option for high filtration applications, utilizing an optional MERV-13 air filter. One of the many benefits of the ECM is a soft start/stop feature for quiet operation. The 8-speed fan selector switch allows for quick fan speed adjustment to optimize unit performance.



One and Two Stage Compressors - Double Isolated

The scroll compressor provides excellent performance and increased efficiency. The two-stage unloading scroll compressor option (SD, SN, & ST) provides even better performance for improved humidity control and efficiency. The compressor has a unique dual-level vibration isolation system. Mounted on vibration isolation grommets to a heavy gauge compressor mounting plate, then isolated from the cabinet base with rubber grommets to minimize vibration transfer. The compressor is equipped with thermal overload protection and is located in an insulated compartment away from the air stream to minimize sound transmission.



CoreMax® Connections

Two CoreMax valves are located inside the end access panel – one on the low side and one on the high side of the refrigeration circuit – for charging and servicing. All valves are 7/16″ SAE fittings.



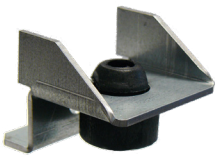
Water Connections

The water and condensate connections are FPT fittings, securely mounted flush to the corner post to allow for connection to a flexible hose without the use of a back-up wrench. This helps reduce the time required to connect the unit and helps prevent delays due to shipping damage.



Horizontal Unit Hanger Bracket

Each horizontal unit is furnished with a mounting kit that includes heavy metal hanger brackets for hanging the unit from field-supplied hanger rods. Rubber isolators are included for sound and vibration attenuation, as are mounting washers, bolts and lock washers. The hangers are attached to fasteners at each corner of the unit, which are an integral part of the cabinet.



Primary Drain Pans

Horizontal models (except for sizes 007-012 WSCH & WSMH) include a plastic drain pan as standard. The plastic drain pan is constructed of high impact IAQ and High Density Polyethylene (HDPE) plastic to prevent corrosion and sweating. The bottom of the pan is sloped on two planes to provide complete drainage.

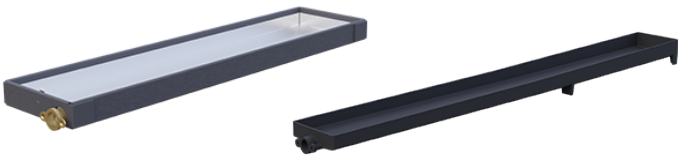
The vertical models and horizontal sizes 007-012 WSCH & WSMH, include a stainless-steel drain pan as standard. It is also available as an option for all horizontal unit sizes 015-070.

The stainless-steel drain pan is constructed of corrosion-resistant stainless steel. It is wrapped in closed-cell insulation and is double-sloped with a free-draining pipe connection for positive drainage.

Both drain pans provide improved Indoor Environmental Quality (IEQ) that meets ASHRAE 62.1- 2007 Section 5.11.

Both drain pans are also provided with a factory installed solid-state electronic condensate overflow protection, unlike the less reliable mechanical float switch used with many competitors drain pans.

The condensate drain pan is designed with an internal slope which allows for the horizontal unit to be mounted level in the ceiling. This permits the condensate to drain naturally from the pan. This is different from the competitors that require their units to be hung with a pitch toward the drain to ensure condensate drainage. This means that the installed height for their unit will be greater than their listed cabinet height while Daikin Applied's installed height and cabinet height are the same.



Stainless Steel Drain Pan

Plastic Drain Pan

Condensate Drain

All units include a 3/4-inch FPT condensate drain connection, flush to the unit. The field installed condensate piping must include a trap after the connection and be pitched away from the unit not less than 1/8” per foot. A vent is required after the trap so that the condensate will drain away from the unit. The vent can also act as a clean out if the trap becomes clogged. To avoid having waste gases entering the building, the condensate drain should not be directly piped to a drain/waste/vent stack. See local codes for the correct application of condensate piping to drains.

Air-to-Refrigerant Coil



The air-to-refrigerant heat exchanger is a large face area coil with copper tubes and aluminum fins. The fins are lanced and mechanically bonded to the tubes using finned edges on the inside which expand during assembly to enhance heat transfer capabilities. The maximum working pressure of the heat exchanger is 600 psig (4137 kPa). The coil meets capacity while maximizing efficiency in both heating and cooling. The coils can be coated with an optional inorganic, silicon-based nano-ceramic coating. This coating has a 3,000 hour salt spray rating per ASTM B117.

Water-to-Air Refrigerant Heat Exchangers



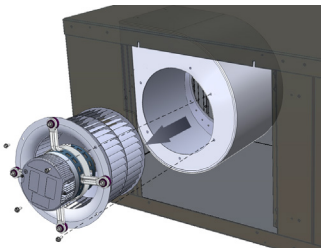
A coaxial heat exchanger is available for WSC, WSD, WSM, and WSN units. The inner tube of the coaxial heat exchanger can be either a copper or cupronickel with a steel outer tube. The heat exchanger is deeply fluted to enhance heat transfer and minimize fouling and scaling.

A brazed plate heat exchanger is available for WSS and WST units. The brazed plate heat exchanger is constructed of copper braze material and stainless steel corrugated plates with an asymmetric plate design. The 007-012 units are ANSI 304 stainless steel with copper and the 015-070 units are ANSI 316 stainless steel with copper.



Safety controls include a 600 psi high-pressure switch and low-temperature sensor to lock out compressor operation at extreme conditions. For additional protection, a 7 psi (48 kPa) low-pressure switch to protect the compressor from low refrigerant charge. The low setting prevents nuisance trips while providing additional protection.

Blower Section



The blower section includes either the PSC or ECM, a direct-drive centrifugal fan, and fan housing. A duct collar protrudes through the cabinet to facilitate field-supplied duct connection. A large panel provides service access to the blower and motor. All blower/motor assemblies have a removable orifice ring on the housing to accommodate motor and blower removal without disconnecting the unit from the ductwork.

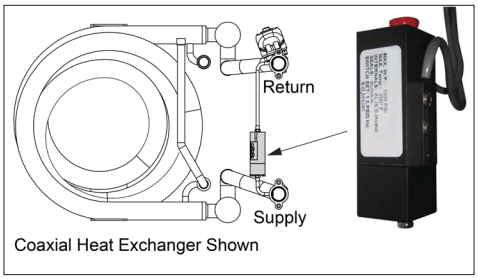
Disconnect Switch (Option)



SmartSource units are available with an optional non-fused disconnect switch, located on the unit front corner post.The disconnect switch is used to break power to the unit for ease of field service and is provided with a lockout/tag out feature.

Water Pressure Differential Switch (Option)

The internal factory installed water pressure differential switch monitors water pressure drop across the heat exchanger and will disable compressor operation if flow is not detected. (N/A for WSC & WSM sizes 007-012.)



Coaxial Heat Exchanger Shown

Controls

MT2300 Controller with an Optional BACnet® Communication Module

For installation and operation information on MT2300 unit controller and other ancillary components, see:

- OM 1364 - MT2300 Unit Controller with MT2310 I/O Expansion Board MicroTech® Controller
- IM 956 - Temperature Sensors for Units with MicroTech®III or MT2300 Unit Controller and LonWorks® or BACnet® Communication Module
- IM 1363 - MicroTech MT2300 Water Source Heat Pump Unit Controller BACnet® MS/TP Communication Module
- ED 19129 - MicroTech MT2300 Water Source Heat Pump Unit Controller BACnet® Protocol Information

Daikin Applied water source heat pumps are available with an optional BACnet MS/TP communication module that is designed to communicate over a BACnet MS/TP communications network to a building automation system (BAS). It can be factory or field-installed.

The unit controller is programmed and tested with all the logic required to monitor and control the unit. An optional wall sensor may be used with the communication module to provide limited local control of the water source heat pump. The unit controller monitors water and air temperatures and passes information to the communication module. The module communicates with the BAS, to provide network control of the water source heat pump.

The module makes operational data and commands available on a communications network using BACnet objects and properties:

- The network cable is a shielded twisted-pair cable
- Network communications run up to 76.8 kbps
- DIP switches on the controller enable the MS/TP MAC address to be set in the range 0-127
- Four green status LEDs on the communication module indicate communication activity on the MS/TP communication network and with the unit controller

MT2300 unit controller with BACnet MS/TP communication module orchestrates the following unit operations:

- Enable heating and cooling to maintain setpoint based on a room sensor
- Enable fan and compressor operation
- Monitors all equipment protection controls
- Monitors room and discharge air temperatures
- Monitors leaving water temperature
- Relays status of all vital unit functions

The MT2300 unit controller with an optional communication module includes:

- Return Air Temperature sensor (RAT) (field-installed)
- Discharge Air Temperature sensor (DAT) (field-installed)
- Leaving Water Temperature sensor (LWT)

NOTICE
Refer to IM 956 for details to install RAT & DAT sensors.

The communication module provides access to setpoints for operational control.

Available wall sensors include:

- Room sensor with LED status and tenant override button
- Room sensor with LED status, tenant override button, and ±5°F setpoint adjustment
- Room sensor with LED status, tenant override button, 55° to 95°F (13° to 35°C) setpoint adjustment

Thermostats and Remote Indoor Sensors

Table 1: Thermostat Selections

Wall Mounted Thermostats & Remote Sensor for Use with All SmartSource WSHP Units		Thermostats				Remote Sensor
		Non-Programmable	Programmable (7 Day or 5+1+1)		7 Day Programmable	Remote Indoor Thermostat Sensor
		2H/2C	2H/2C	2H/3C Humidity Control	2H/3C Humidity Control WIFI	
						
Daikin Applied Part Number		910411879	910411880	910417943	910417944	910420874
Feature						
LCD Display	Room Temperature & Setpoint	•	•	•	•	Allows Remote Temperature Sensing
	Room Humidity %			•	•	
Glow in the Dark Display Light		•	•	•	•	
Operating Modes	System	Heat-Off-Cool-Auto	Heat-Off-Cool-Auto	Heat-Off-Cool-Auto	Heat-Off-Cool-Auto	
	Fan	On-Auto	On-Auto	On-Auto-IAQ	On-Auto-IAQ	
Changeover	Manual	•	•	•	•	Use up to 16 Sensors for Temperature Averaging
	Auto	•	•	•	•	
Temperature Control Range		44°F to 90°F (7°C to 32°C)	44°F to 90°F (7°C to 32°C)	44°F to 90°F (7°C to 32° C)	44°F to 90°F (7°C to 32°C)	
Adjustable Setpoint Limits		•	•	•	•	
Keypad Lockout				•	•	
Filter Change Reminder			•	•	•	
Programmable Fan		•	•	•	•	
Power Type	Battery	2 AA Alkaline Batteries				
	Hardwire (Common Wire)	18 to 30 VAC	18 to 30 VAC	18 to 30 VAC	18 to 30 VAC	
Permanent Memory Retention		•	•	•	•	
Remote Indoor Sensor Capable (Requires Daikin Applied P/N 910420874)			•	•	•	
Terminals		Rh, RC, G, Y, Y2, C, O, B, W/E, W2	Rh, RC, C, Y, Y2, W/E, W2, G, B, O, S1, S2	Rh, RC, C, Y, Y2, W/E, W2, G, B, O, S1, S2, H, D	Rh, RC, C, Y, Y2, W/E, W2, G, B, O, S1, S2, H, D	
Application						
Dehumidification	Smart Dehumidification			•	•	
	Simplified	•	•	•	•	
	Humidistat Controlled			•	•	
Electric Heat	Boilerless	•	•	•	•	
	Supplemental	•	•	•	•	
	Primary	•	•	•	•	
Waterside Economizer		•	•	•	•	
Hydronic Heat		•	•	•	•	

Table 2: Room Temperature Sensors

Room Sensors for Use with All SmartSource WSHP Units with a BACnet Communication Module		Room Temperature Sensors			
		Basic Room Sensor	Cool to Warm Adjust	Digitally Adjustable Display Sensor	
					
		Temperature Sensing, LED Status Indication, Override/Reset Button	Cool/Warm Temperature Sensing Adjustment, LED Status Indication, Override/ Reset Button	Temperature, Occupancy, Alarm, Setpoint and Status Display, Override/Reset and Occupied/Unoccupied Buttons	Temperature, Humidity, Occupancy, Alarm, Setpoint and Status Display, Override/ Reset and Occupied/ Unoccupied Buttons
Daikin Applied Part Number		910152149	910171464	910152147	910121754
Feature					
Setpoint Adjustment		None	Cool to Warm	Digitally Adjustable	Digitally Adjustable
Display	Room Temperature & Setpoint			•	•
	Room Humidity & Setpoint				•
Stages	Heating	4	4	4	4
	Cooling	3	3	3	3
Operating Modes	System				Heat-Off-Cool-Auto Dehumidify
	Fan				On-Auto
	Occupancy			LCD Display of Occupied-Unoccupied Icon	LCD Display of Occupied-Unoccupied Icon
Annunciation	Status LED	•	•	LCD Display of Unit Status	LCD Display of Unit Status
	LCD Alarm Display			•	•
Reset	Alarm	•	•	•	•
	Setback Override	•	•	•	•
Application					
Dehumidification	Smart Dehumidification				•
Electric Heat	Boilerless	•	•	•	•
	Supplemental	•	•	•	•
	Primary	•	•	•	•
Waterside Economizer		•	•	•	•
Hydronic Heat		•	•	•	•

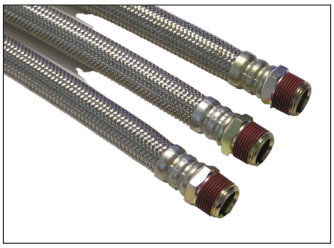
Accessories

Hoses, Hose Kits and Shutoff Ball Valves for SmartSource Water Source Heat Pumps

Daikin Applied sells a variety of flexible supply, return and condensate hoses and hose assemblies for connecting its water source heat pumps to a building's hard piping system.

Contact your Daikin Applied representative for complete hose and hose kit offerings.

Figure 3: Flexible, Steel Braided Supply and Return Hoses



Supply and return hoses have a swivel fitting at one end to facilitate removal of the unit for replacement or service.

Standard supply and return fire-rated hoses have either a thermoplastic rubber or synthetic polymer core with a braided covering of stainless steel. Fittings are either plated steel or brass.

Table 3: Available Fire Rated Supply and Return Hoses

Description	Connection Size (O.D.)	Length
Supply and Return Hoses	1/2"	24"
		36"
	3/4"	24"
		36"
	1"	24"
		36"

Shutoff Ball Valves with Memory Stop

Constructed of brass and rated at 400 psig (2758 kPa) maximum working pressure. Valves have a built-in adjustable memory stop to eliminate rebalancing. Valves have FPT connections on both ends for connection to the water hose and to the field piping.

Figure 4: Shutoff Ball Valve with Memory Stop



2 & 3-Way Motorized Water Valves

2-way valves are used for variable pumping applications when more than one unit is installed on a common loop. These valves are also used to conserve water when used for ground water applications.

3-way valves are used for constant flow applications or installed at the end of a variable flow branch piping run to maintain minimum flow conditions.

Figure 5: 2-Way and 3-Way Motorized Water Valves

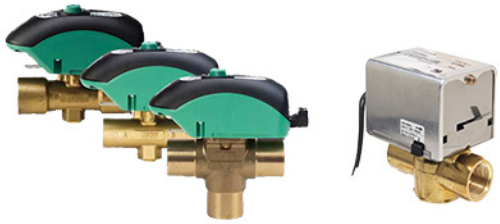
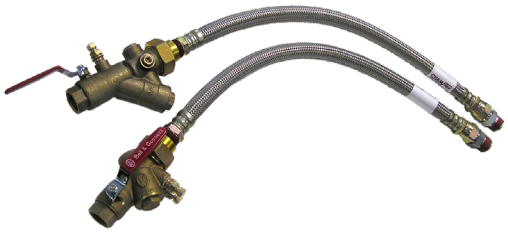


Table 4: Available Motorized Valves

Type	Size	Connection
2-Way Motorized	1/2"	Sweat
	3/4"	Sweat
	1"	Sweat
	1/2"	NPT
	3/4"	NPT
	1"	NPT
3-Way Motorized	1/2"	Sweat
	3/4"	Sweat
	1"	Sweat

Supply and Return Hose Kits

Figure 6: Supply and Return Hoses

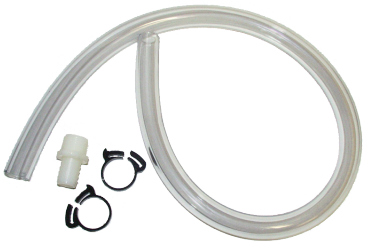


Supply Hose - Combination Ball Valve & Strainer

The supply valve body is a combination Y-strainer full port shut-off valve and union for use in HVAC systems. Strainers are furnished with a 20-mesh stainless steel screen, hose end drain (blow down) valve for purging, one pressure/temperature port for commissioning, and one plugged bypass port. Three additional 1/4" taps are plugged and available for accessories when specified. A variety of pipe connections are available on both the fixed and union ends. Standard end connections are female pipe thread.

Condensate Hose Kits

Figure 7: Condensate Hose Kits



Horizontal units require an external condensate hose. These can be ordered as the long clear plastic type with the necessary clamps and a MPT hose fittings, or fire rated type for connection to the FPT field piping.

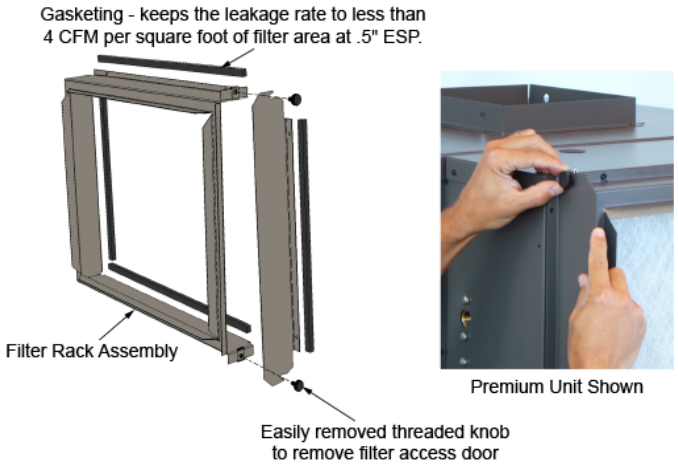
Table 5: Available Condensate Hose Kits

Description	Size & Nominal Length
Hose, Fire Rated Condensate	3/4" FPT x 24"
Hose, Fire Rated Condensate	3/4" FPT x 36"
Hose, Plastic Condensate w/Fittings	3/4" x 30"
Hose, Plastic Condensate w/Fittings	3/4" x 36"

Filter & Filter Rack

Units come standard with a 1″ disposable filter with two-sided filter rails to allow for easy removal during filter changes. Other options include a 2″ or 4″ filter rack for a MERV 8 or MERV 13 filter, mounted in a 4-sided combination filter rack and return air duct collar. Filters can be easily removed from either side by interchanging the removable filter door to the right or left side by rotating the filter rack assembly 180 degrees. Filters on horizontal units can also be accessed from the bottom.The high MERV filter rack option is available with gaskets between it and the cabinet and along the edge of the tool-less removable door. The gaskets maintain the leakage rate below 4 CFM per square foot of filter area at .5″ ESP.

Figure 8: Filter Rack



Electric Duct Heaters

Units utilize a (field-installed) external duct-mounted electric heater. With boilerless electric heat, if the EWT is below the minimum EWT set point, the compressor will be locked out and the electric heat will be powered on with a demand for heating. With supplemental electric heat control the compressor and heater operate simultaneously.

Figure 9: External Electric Heater (Field-Installed)

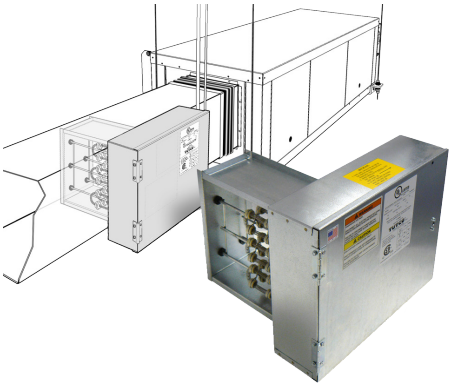


Table 6: Available Electric Duct Heaters

Description	kW	Voltage/Hz/Phase	Unit Size
Electric Duct Heater Kit	5	208-240/60/1	024-030
		208-240/60/3	
		277/60/1	
		460/60/3	
	10	208-240/60/1	
		208-240/60/3	
		277/60/1	
		460/60/3	
	5	208-240/60/1	036-070
		208-240/60/3	
		277/60/1	
		460/60/3	
	10	208-240/60/1	
		208-240/60/3	
		277/60/1	
		460/60/3	
	15	208-230/60/1	
		208-230/60/3	
		460/60/3	
	20	208-230/60/1	
		208-230/60/3	
		460/60/3	

AHRI Performance Data

Horizontal Units - Single Stage

Table 7: WSCH AHRI Performance Data with PSC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	PSC	250	1.75	6,600	14.2	9,000	5.2	7,100	17.0	5,100	3.3
	208-230/60/1					14.6	9,100	5.3		17.8	5,200	
	265/60/1					14.2	9,000	5.2		17.0	5,100	
009	115/60/1	PSC	300	2.25	9,900	12.8	13,900	4.4	10,400	15.0	7,900	3.3
	208-230/60/1				9,600	13.1	13,100	4.5	10,100	15.5	7,800	
	265/60/1											
012	115/60/1	PSC	400	3.0	13,000	13.0	17,500	4.3	13,700	15.1	10,800	3.2
	208-230/60/1											
	265/60/1					12.5		4.3		14.5		3.2
015	115/60/1	PSC	500	3.75	15,000	15.8	19,100	5.3	15,600	18.2	11,800	3.5
	208-230/60/1											
	208-230/60/3											
	265/60/1					15.2			15,500	18.0	11,900	3.6
019	208-230/60/1	PSC	600	4.5	18,700	16.3	23,200	5.2	19,700	19.1	13,600	3.3
	265/60/1					16.0		5.2		18.8		3.4
024	208-230/60/1	PSC	800	6.0	23,600	15.0	29,000	4.9	24,400	17.4	17,000	3.3
	208-230/60/3					14.7		4.8		17.0		3.2
	265/60/1											
	460/60/3											
030	208-230/60/1	PSC	1,000	7.5	27,500	15.0	33,300	4.7	28,500	17.2	21,000	3.3
	208-230/60/3					14.1		4.4		16.1		3.1
	265/60/1					14.7		4.6		16.8		3.2
	460/60/3											
036	208-230/60/1	PSC	1,200	9.0	35,900	15.7	43,000	4.8	37,200	18.1	26,900	3.3
	208-230/60/3					15.2		4.7		17.5		3.2
	265/60/1					14.8				17.0		
	460/60/3					15.2				17.4		
042	208-230/60/1	PSC	1,400	10.5	39,800	15.4	48,000	4.9	40,900	17.2	29,900	3.2
	208-230/60/3					15.1		4.8		16.9		3.2
	460/60/3											
048	208-230/60/1	PSC	1,600	12.0	47,700	14.6	61,900	4.9	49,000	16.5	37,400	3.5
	208-230/60/3											
	460/60/3											
	575/60/3											
060	208-230/60/1	PSC	2,000	15.0	59,700	14.5	78,900	4.6	61,600	16.1	47,800	3.3
	208-230/60/3					14.4		4.6		15.9		
	460/60/3											
	575/60/3											
070	208-230/60/1	PSC	2,300	18.0	68,500	14.5	86,700	4.7	71,200	16.2	53,300	3.3
	208-230/60/3					14.4				16.1		
	460/60/3											
	575/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend			
Btu/h	British Thermal Units per Hour	**EER**	Energy Efficiency Ratio
CFM	Airflow Rate, Cubic Feet per Minute	**EWT**	Entering Water Temperature
COP	Coefficient of Performance	**GPM**	Gallons per Minute

Table 8: WSCH AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	6,700	14.8	8,900	5.4	7,200	17.7	5,000	3.4
	208-230/60/1					15.2		5.5		18.5	5,100	
	265/60/1					14.8		5.4		17.7	5,000	
009	115/60/1	EC	300	2.25	9,900	13.2	13,900	4.5	10,400	15.4	7,900	3.6
	208-230/60/1				9,600	13.4	13,100	4.6	10,100	15.7	7,800	3.4
	265/60/1											
012	115/60/1	EC	400	3.0	13,000	13.4	17,400	4.3	13,800	15.6	10,700	3.2
	208-230/60/1											
	265/60/1					12.7			13,700	14.8	10,800	
015	115/60/1	EC	500	3.75	15,000	16.4	19,200	5.5	15,600	19.0	11,900	3.6
	208-230/60/1											
	208-230/60/3											
	265/60/1					15.8		5.4	15,500	18.7	12,000	3.8
019	208-230/60/1	EC	600	4.5	18,800	17.0	22,900	5.3	19,800	20.0	13,300	3.4
	265/60/1				18,600	16.7				19.7		3.3
024	208-230/60/1	EC	800	6.0	23,800	15.5	28,900	5.0	24,600	17.9	17,000	3.3
	208-230/60/3					15.1		4.8		17.5		3.2
	265/60/1											
	460/60/3									17.5		
030	208-230/60/1	EC	1,000	7.5	28,300	15.4	33,500	4.9	29,300	17.7	21,200	3.4
	208-230/60/3					14.5		4.6		16.6		3.2
	265/60/1					15.1		4.8		17.3		
	460/60/3											
036	208-230/60/1	EC	1,200	9.0	35,800	16.2	43,200	5.0	37,100	18.7	27,100	3.4
	208-230/60/3					15.7		4.9		18.0		
	265/60/1					15.3				17.6		
	460/60/3					15.6				18.0		
042	208-230/60/1	EC	1,400	10.5	39,700	15.7	47,900	5.0	40,800	17.8	29,800	3.3
	208-230/60/3					15.4		4.9		17.4		3.2
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	47,900	15.2	62,000	5.1	49,200	17.4	37,500	3.6
	208-230/60/3											
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	60,400	15.0	79,200	4.7	62,300	16.7	48,100	3.4
	208-230/60/3					14.8				16.5		
	460/60/3											
070	208-230/60/1	EC	2,300	18.0	69,900	15.2	85,900	4.8	72,600	17.1	52,500	3.4
	208-230/60/3					15.1				16.9		3.3
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 9: WSMH AHRI Performance Data with PSC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	PSC	250	1.75	7,000	14.7	9,300	5.4	7,300	17.7	5,700	3.5
	208-230/60/1					15.1		5.5	7,500	17.9		
	265/60/1					14.1		5.3	7,300	16.6		3.4
009	115/60/1	PSC	300	2.25	10,100	13.0	14,000	4.6	10,600	15.1	8,700	3.3
	208-230/60/1				9,800	13.3	13,700		10,300	15.5	8,600	
	265/60/1											
012	115/60/1	PSC	400	3.0	13,200	13.8	18,100	4.5	13,800	15.9	11,400	3.3
	208-230/60/1											3.4
	265/60/1					13.2		4.4		15.2		3.3
015	115/60/1	PSC	500	3.75	15,200	16.8	20,200	5.7	16,000	20.1	12,100	4.0
	208-230/60/1											
	208-230/60/3						20,300				12,300	
	265/60/1				15,100	16.0		5.6		18.9		3.9
019	208-230/60/1	PSC	600	4.5	19,600	16.0	24,600	5.1	20,500	18.8	15,600	3.8
	265/60/1							5.0				3.7
024	208-230/60/1	PSC	800	6.0	24,600	16.5	30,900	5.5	25,600	19.2	18,400	3.9
	208-230/60/3					16.1		5.4		18.7		3.8
	265/60/1											
	460/60/3											
030	208-230/60/1	PSC	1,000	7.5	28,000	16.3	34,900	5.5	29,200	19.0	22,200	3.8
	208-230/60/3					16.0		5.4		18.6		3.7
	265/60/1					15.3		5.2		17.9		3.6
	460/60/3					16.0		5.4		18.6		3.7
036	208-230/60/1	PSC	1,200	9.0	36,300	16.4	49,000	5.2	37,800	18.8	30,700	3.9
	208-230/60/3					15.9		5.1		18.2		3.8
	265/60/1					15.5				17.7		
	460/60/3					15.8				18.1		
042	208-230/60/1	PSC	1,400	10.5	38,600	15.4	52,300	5.1	39,900	17.5	32,500	3.7
	208-230/60/3					15.1		5.0		17.2		3.6
	460/60/3											
048	208-230/60/1	PSC	1,600	12.0	47,000	15.8	60,000	5.0	48,900	18.1	37,600	3.7
	208-230/60/3											
	460/60/3											
	575/60/3											
060	208-230/60/1	PSC	2,000	15.0	59,900	14.6	79,000	4.7	61,800	16.2	47,900	3.3
	208-230/60/3					14.4	78,200	4.6	61,200	16.0		
	460/60/3											
	575/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 10: WSMH AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	7,100	15.7	9,200	5.5	7,400	18.8	5,500	3.6
	208-230/60/1				7,200	16.1		5.6	7,600	19.0		
	265/60/1				7,100	15.1	9,300	5.4	7,400	17.7		3.5
009	115/60/1	EC	300	2.25	10,200	13.4	14,500	4.9	10,800	15.8	8,900	3.6
	208-230/60/1				9,900	13.5	13,800	4.7	10,400	15.7	8,700	3.4
	265/60/1											
012	115/60/1	EC	400	3.0	13,300	14.5	18,000	4.6	13,900	16.6	11,300	3.4
	208-230/60/1											3.5
	265/60/1					13.9		4.5		15.9		3.4
015	115/60/1	EC	500	3.75	15,500	17.8	19,900	5.9	16,300	21.1	11,800	4.1
	208-230/60/1											
	208-230/60/3						20,000				12,000	
	265/60/1				15,400	17.0		5.8		19.9		4.0
019	208-230/60/1	EC	600	4.5	19,700	17.0	24,200	5.2	20,700	19.5	15,300	3.9
	265/60/1							5.1				3.8
024	208-230/60/1	EC	800	6.0	24,800	17.5	30,700	5.6	25,800	20.5	18,200	3.9
	208-230/60/3					17.1		5.5		20.0		3.8
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	28,300	17.6	35,300	5.7	29,500	20.6	21,900	4.0
	208-230/60/3					17.2		5.6		20.2		3.9
	265/60/1					16.5		5.4		19.4		3.8
	460/60/3					17.2		5.6		20.2		3.9
036	208-230/60/1	EC	1,200	9.0	36,500	17.2	48,300	5.4	38,000	19.9	30,000	4.0
	208-230/60/3					16.6		5.3		19.2		3.9
	265/60/1					16.2				18.8		
	460/60/3					16.6				19.2		
042	208-230/60/1	EC	1,400	10.5	39,500	17.0	51,400	5.4	40,800	19.4	31,600	3.8
	208-230/60/3					16.7		5.3		19.0		3.7
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	47,000	16.2	59,900	5.2	48,900	18.7	37,500	3.8
	208-230/60/3											
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	60,600	15.3	79,300	4.8	62,500	17.0	48,200	3.4
	208-230/60/3					15.1			61,900	16.9	47,700	
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 11: WSSH AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	7,100	18.7	8,100	6.0	7,500	22.3	5,200	3.7
	208-230/60/1											
	265/60/1											
009	115/60/1	EC	300	2.25	9,100	18.0	11,200	5.6	9,500	21.0	7,000	3.8
	208-230/60/1											
	265/60/1					17.0		5.4		20.0		3.5
012	115/60/1	EC	400	3.0	11,400	16.7	14,600	5.4	12,200	20.1	9,100	3.9
	208-230/60/1				11,300	16.9	14,700	5.5		20.3		
	265/60/1				11,400	16.2	14,500	5.4		19.0		3.8
015	115/60/1	EC	500	3.75	16,100	19.7	18,000	5.8	17,100	23.7	11,000	3.9
	208-230/60/1											
	208-230/60/3					19.9						
	265/60/1					18.2		5.7	17,000	22.0	10,900	
019	208-230/60/1	EC	600	4.5	19,900	18.0	23,300	5.3	20,700	21.1	14,100	3.8
	265/60/1					17.7						
024	208-230/60/1	EC	800	6.0	24,500	18.1	28,000	5.8	25,700	21.7	17,100	4.1
	208-230/60/3					17.6		5.7		21.1		4.0
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	29,500	19.3	34,500	6.0	30,600	22.5	21,200	4.2
	208-230/60/3					18.9		5.9		22.1		4.1
	265/60/1					18.1		5.6		21.2		3.9
	460/60/3					18.9		5.9		22.1		4.1
036	208-230/60/1	EC	1,200	9.0	39,000	19.3	44,600	5.2	40,300	22.0	27,600	3.7
	208-230/60/3					18.7		5.1		21.3		3.6
	265/60/1					18.2				20.7		
	460/60/3					18.6				21.2		
042	208-230/60/1	EC	1,400	10.5	42,600	18.4	47,000	5.4	44,000	21.7	29,000	3.9
	208-230/60/3					18.0		5.3		21.3		3.8
	265/60/1											
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	48,300	17.5	57,000	5.0	51,200	20.1	35,100	3.6
	208-230/60/3											
	460/60/3											
	575/60/3											
060	208-230/60/1	EC	2,000	15.0	60,870	17.4	78,000	5.7	62,700	17.9	48,900	3.6
	208-230/60/3					17.2				17.7		3.5
	460/60/3											
	575/60/3					16.9		5.5		17.4		
070	208-230/60/1	EC	2,300	18.0	70,700	17.3	83,100	4.8	73,300	19.7	53,600	3.6
	208-230/60/3					17.1				19.5		
	460/60/3											
	575/60/3					16.8		4.7		19.1		3.5

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend			
Btu/h	British Thermal Units per Hour	**EER**	Energy Efficiency Ratio
CFM	Airflow Rate, Cubic Feet per Minute	**EWT**	Entering Water Temperature
COP	Coefficient of Performance	**GPM**	Gallons per Minute

Horizontal Units - Two Stage

Table 12: WSDH AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load							
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	18,400	17.8	20,200	5.4	20,100	25.9	12,500	3.3
	208-230/60/3					17.4		5.2		25.2		
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	900	7.5	22,600	16.8	26,900	5.3	24,400	23.4	18,800	3.6
	208-230/60/3					16.5		5.2		23.0		3.6
	265/60/1											
	460/60/3					16.3		5.1		22.7		3.5
036	208-230/60/1	EC	1,125	9.0	26,100	18.5	30,000	6.0	28,500	25.6	21,300	3.6
	208-230/60/3					18.2		5.9		25.1		3.5
	265/60/1											
	460/60/3					18.0				24.8		
042	208-230/60/1	EC	1,200	10.5	30,500	17.1	36,600	5.5	32,600	25.0	23,000	3.5
	208-230/60/3					16.8		5.4		24.5		
	460/60/3											
048	208-230/60/1	EC	1,400	12.0	33,900	15.6	42,400	5.5	36,600	21.4	28,200	3.7
	208-230/60/3					15.3		5.4		21.0		3.6
	460/60/3											
060	208-230/60/1	EC	1,850	15.0	44,500	17.1	56,600	5.7	46,100	20.0	38,500	4.2
	208-230/60/3					16.8		5.6		19.6		4.1
	460/60/3											
070	208-230/60/1	EC	2,100	18.0	53,100	17.6	64,300	5.6	57,500	24.8	44,400	4.0
	208-230/60/3					17.2		5.5		24.3		3.9
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 13: WSDH AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	24,200	15.5	29,000	4.6	25,200	18.0	17,800	3.3
	208-230/60/3					15.1		4.5		17.6		3.2
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	28,500	15.0	34,500	4.4	29,700	17.3	23,000	3.4
	208-230/60/3					14.7		4.3		17.0		3.3
	265/60/1											
	460/60/3					14.5				16.8		
036	208-230/60/1	EC	1,200	9.0	35,100	16.1	41,300	5.0	35,500	18.0	25,200	3.5
	208-230/60/3					15.8		4.9		17.6		3.4
	265/60/1											
	460/60/3					15.6				17.4		
042	208-230/60/1	EC	1,400	10.5	41,800	15.5	49,900	4.8	43,200	17.6	28,400	3.4
	208-230/60/3					15.2		4.7		17.3		3.3
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	47,900	15.0	61,900	4.9	49,000	16.5	37,200	3.5
	208-230/60/3					14.7		4.8		16.1		3.4
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	60,000	15.0	78,100	5.0	61,800	16.8	49,400	3.8
	208-230/60/3					14.7		4.9		16.5		3.7
	460/60/3											
070	208-230/60/1	EC	2,300	18.0	70,100	15.0	87,500	4.9	72,600	17.0	53,900	3.6
	208-230/60/3					14.7				16.6		3.5
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 14: WSNH AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	18,600	19.0	20,500	5.6	19,700	25.3	12,500	3.5
	208-230/60/3					18.6		5.5		24.8		3.4
	265/60/1											
	460/60/3					18.5				24.5		
030	208-230/60/1	EC	900	7.5	22,800	17.8	27,100	5.9	24,800	25.4	18,800	3.7
	208-230/60/3					17.4		5.8		24.9		3.6
	265/60/1											
	460/60/3					17.3		5.7		24.6		3.5
036	208-230/60/1	EC	1,125	9.0	27,000	19.1	30,300	6.1	28,800	25.7	21,500	4.0
	208-230/60/3					18.7		6.0		25.2		3.9
	265/60/1											
	460/60/3					18.5		5.9		24.9		
042	208-230/60/1	EC	1,200	10.5	31,200	18.0	38,500	6.0	34,000	26.2	23,400	3.7
	208-230/60/3					17.6		5.9		25.7		
	460/60/3											
048	208-230/60/1	EC	1,400	12.0	36,900	18.0	44,700	6.0	38,100	24.2	32,200	4.0
	208-230/60/3					17.6		5.9		23.7		
	460/60/3											
060	208-230/60/1	EC	1,800	15.0	44,000	17.0	53,400	5.8	47,600	23.9	35,900	4.1
	208-230/60/3					16.7		5.7		23.5		4.0
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 15: WSNH AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	24,400	16.9	29,500	5.1	25,300	18.5	17,900	3.6
	208-230/60/3					16.6		5.0		18.2		3.5
	265/60/1											
	460/60/3					16.4				18.0		
030	208-230/60/1	EC	1,000	7.5	31,000	16.0	34,900	5.1	32,100	18.3	23,800	3.6
	208-230/60/3					15.7		5.0		18.0		3.5
	265/60/1											
	460/60/3					15.5				17.8		
036	208-230/60/1	EC	1,200	9.0	35,200	17.4	42,500	5.3	35,700	19.6	25,500	3.6
	208-230/60/3					17.1		5.2		19.2		3.5
	265/60/1											
	460/60/3					16.9		5.1		19.0		
042	208-230/60/1	EC	1,400	10.5	42,000	16.8	50,200	5.0	43,600	19.3	28,500	3.5
	208-230/60/3					16.4		4.9		18.9		3.4
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	48,000	16.7	62,000	5.0	49,100	18.8	38,500	3.6
	208-230/60/3					16.4		4.9		18.5		3.5
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	59,000	15.3	77,100	5.2	61,200	17.3	49,000	3.9
	208-230/60/3					15.0		5.1		17.0		
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 16: WSTH AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	18,000	19.4	20,300	6.0	19,700	26.9	12,500	3.8
	208-230/60/3					19.0		5.9		26.3		3.7
	265/60/1											
	460/60/3					18.8		5.8		26.1		
030	208-230/60/1	EC	900	7.5	23,500	19.4	27,400	6.2	25,500	26.5	16,500	3.8
	208-230/60/3					19.0		6.1		26.0		3.7
	265/60/1											
	460/60/3					18.8		6.0		25.7		
036	208-230/60/1	EC	1,125	9.0	28,200	19.5	30,600	6.2	30,300	25.8	18,400	3.7
	208-230/60/3					19.1		6.0		25.3		3.6
	265/60/1											
	460/60/3					18.9				25.0		
042	208-230/60/1	EC	1,200	10.5	33,500	18.2	38,700	6.4	36,600	30.9	23,700	4.0
	208-230/60/3					17.9		6.3		30.3		3.9
	460/60/3					17.7				30.0		
048	208-230/60/1	EC	1,350	12.0	35,000	19.3	40,100	6.0	37,500	25.8	27,800	4.2
	208-230/60/3					18.9		5.9		25.3		4.1
	460/60/3											
	575/60/3					18.7		5.8		25.0		
060	208-230/60/1	EC	1,700	15.0	44,200	18.9	50,600	5.6	47,600	25.4	35,200	4.1
	208-230/60/3					18.5		5.5		24.9		4.0
	460/60/3											
	575/60/3					18.3		5.4		24.6		
070	208-230/60/1	EC	2,200	18.0	55,200	19.0	58,400	5.4	59,400	26.0	42,800	4.1
	208-230/60/3					18.6		5.3		25.5		4.0
	460/60/3											
	575/60/3					18.4				25.2		

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 17: WSTH AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	24,500	17.5	26,100	5.3	25,100	19.9	17,200	3.9
	208-230/60/3					17.2		5.2		19.5		3.8
	265/60/1											
	460/60/3					17.0		5.1		19.3		
030	208-230/60/1	EC	1,000	7.5	31,400	17.1	34,900	5.4	32,700	19.7	20,600	3.8
	208-230/60/3					16.8		5.3		19.3		3.7
	265/60/1											
	460/60/3					16.6		5.2		19.1		3.6
036	208-230/60/1	EC	1,200	9.0	38,000	18.4	42,900	5.4	38,700	20.6	25,900	3.7
	208-230/60/3					18.1		5.3		20.2		
	265/60/1											
	460/60/3					17.9		5.2		20.0		3.6
042	208-230/60/1	EC	1,400	10.5	44,000	17.6	50,300	5.1	45,900	20.1	28,400	3.7
	208-230/60/3					17.2		5.0		19.7		3.6
	460/60/3					17.1				19.5		
048	208-230/60/1	EC	1,600	12.0	48,200	17.3	56,900	5.1	49,300	19.6	36,300	3.9
	208-230/60/3					17.0		5.0		19.2		3.8
	460/60/3											
	575/60/3					16.8		4.9		19.0		
060	208-230/60/1	EC	2,000	15.0	60,000	16.8	68,600	4.9	61,600	19.0	44,200	3.7
	208-230/60/3					16.5		4.8		18.6		3.6
	460/60/3											
	575/60/3					16.3				18.4		
070	208-230/60/1	EC	2,400	18.0	73,100	17.0	79,400	4.8	75,600	19.0	52,200	3.7
	208-230/60/3					16.6		4.7		18.7		3.6
	460/60/3											
	575/60/3					16.5		4.6		18.5		3.5

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Vertical Units - Single Stage

Table 18: WSCV AHRI Performance Data with PSC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	PSC	250	1.75	6,700	14.5	8,400	4.6	7,100	17.2	5,200	3.2
	208-230/60/1					14.8		4.8		17.7		
	265/60/1					14.5		4.6		17.2		
009	115/60/1	PSC	300	2.25	10,200	13.2	13,200	4.3	10,800	15.2	8,700	3.3
	208-230/60/1				10,100	13.5	13,100		10,700	15.7	8,600	
	265/60/1					13.2			10,800	15.2	8,600	
012	115/60/1	PSC	400	3.0	12,700	12.5	17,500	4.3	13,200	14.4	10,700	3.2
	208-230/60/1											
	265/60/1					12.3				13.9		
015	115/60/1	PSC	500	3.75	14,900	15.0	18,800	4.7	15,700	17.6	11,600	3.3
	208-230/60/1											
	208-230/60/3											
	265/60/1					14.8		4.5	15,700	17.4		3.2
019	208-230/60/1	PSC	600	4.5	18,600	14.7	22,500	4.5	19,500	17.2	14,600	3.2
	265/60/1					14.4				16.9		
024	208-230/60/1	PSC	800	6.0	23,100	15.1	28,000	4.9	23,600	17.3	17,100	3.3
	208-230/60/3					14.7		4.7		16.9		3.2
	265/60/1											
	460/60/3											
030	208-230/60/1	PSC	1,000	7.5	27,800	15.0	33,300	4.7	28,700	17.1	20,100	3.3
	208-230/60/3					14.7		4.6		16.7		3.2
	265/60/1					14.4				16.9		
	460/60/3					14.7				16.7		
036	208-230/60/1	PSC	1,200	9.0	35,900	15.7	43,000	4.8	37,200	18.1	26,900	3.3
	208-230/60/3					14.8		4.7		17.0		3.2
	265/60/1					15.2				17.5		
	460/60/3									17.4		
042	208-230/60/1	PSC	1,400	10.5	40,000	15.4	47,900	4.9	41,500	17.5	30,300	3.5
	208-230/60/3				39,200	15.1		4.8	40,700	17.1	29,700	3.4
	460/60/3				39,600	15.2	47,400	4.9	41,100	17.3	30,000	
048	208-230/60/1	PSC	1,600	12.0	47,800	15.0	58,700	4.9	49,500	17.0	36,800	3.3
	208-230/60/3											
	460/60/3											
	575/60/3											
060	208-230/60/1	PSC	2,000	15.0	62,000	14.6	73,100	4.5	64,400	16.8	46,700	3.3
	208-230/60/3					14.5				16.6		
	460/60/3											
	575/60/3											
070	208-230/60/1	PSC	2,300	18.0	67,000	13.9	85,600	4.3	69,700	16.1	53,600	3.3
	208-230/60/3					13.8				15.9		
	460/60/3											
	575/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend			
Btu/h	British Thermal Units per Hour	**EER**	Energy Efficiency Ratio
CFM	Airflow Rate, Cubic Feet per Minute	**EWT**	Entering Water Temperature
COP	Coefficient of Performance	**GPM**	Gallons per Minute

Table 19: WSCV AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	6,800	14.9	8,300	4.9	7,200	17.4	5,100	3.4
	208-230/60/1					15.2		5.0		17.9		
	265/60/1					14.9		4.9		17.4		
009	115/60/1	EC	300	2.25	10,300	13.4	13,100	4.4	10,900	15.2	8,600	3.4
	208-230/60/1				10,200	13.7	13,000		10,800	15.7	8,500	
	265/60/1					13.4			10,900	15.2		
012	115/60/1	EC	400	3.0	12,500	12.8	16,900	4.4	13,100	14.8	10,200	3.2
	208-230/60/1											
	265/60/1					12.6				14.3		
015	115/60/1	EC	500	3.75	15,100	16.6	18,300	5.0	15,900	19.6	11,200	3.5
	208-230/60/1											
	208-230/60/3											
	265/60/1					16.4		4.8		19.4		3.3
019	208-230/60/1	EC	600	4.5	18,700	15.1	22,400	4.6	19,600	17.7	14,500	3.3
	265/60/1					14.8				17.4		
024	208-230/60/1	EC	800	6.0	23,100	15.3	27,900	5.0	23,500	17.5	17,100	3.3
	208-230/60/3					14.9		4.9		17.0		3.2
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	27,900	15.4	33,400	4.9	28,800	17.7	20,200	3.3
	208-230/60/3					15.1		4.8		17.3		3.2
	265/60/1					14.8				17.5		
	460/60/3					15.1				17.3		
036	208-230/60/1	EC	1,200	9.0	35,800	16.2	43,200	5.0	37,100	18.7	27,100	3.4
	208-230/60/3					15.3		4.9		17.6		
	265/60/1					15.7				18.0		
	460/60/3					15.6						
042	208-230/60/1	EC	1,400	10.5	39,800	15.7	47,800	5.0	41,300	17.9	30,200	3.5
	208-230/60/3				39,000	15.4	46,800	4.9	40,500	17.6	29,600	3.4
	460/60/3				39,400	15.6	47,300	5.0	40,900	17.8	29,900	3.5
048	208-230/60/1	EC	1,600	12.0	47,900	15.4	59,300	5.0	49,500	17.5	37,300	3.4
	208-230/60/3											
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	62,500	15.3	72,200	4.6	64,900	17.7	46,200	3.4
	208-230/60/3					15.1				17.5		
	460/60/3											
070	208-230/60/1	EC	2,300	18.0	67,600	14.8	85,500	4.4	70,200	17.0	53,500	3.4
	208-230/60/3					14.7				16.8		
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 20: WSMV AHRI Performance Data with PSC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	PSC	250	1.75	7,100	14.8	9,100	5.2	7,600	17.6	5,400	3.3
	208-230/60/1				7,200	15.1		5.3		18.0		3.4
	265/60/1				7,100	14.4		5.1	7,500	17.1		3.2
009	115/60/1	PSC	300	2.25	10,100	13.3	13,300	4.5	10,400	14.9	8,300	3.3
	208-230/60/1				10,000	13.6	13,200		10,300	15.4	8,200	
	265/60/1											
012	115/60/1	PSC	400	3.0	13,200	13.3	17,200	4.3	13,900	15.0	10,700	3.2
	208-230/60/1											
	265/60/1					12.8				14.5		
015	115/60/1	PSC	500	3.75	15,300	16.8	17,100	5.0	16,100	20.2	11,100	3.5
	208-230/60/1											
	208-230/60/3										11,200	3.6
	265/60/1				15,200	16.0		4.9				3.5
019	208-230/60/1	PSC	600	4.5	19,700	16.0	24,100	4.9	20,600	19.0	15,100	3.6
	265/60/1							4.8				3.5
024	208-230/60/1	PSC	800	6.0	24,600	17.0	28,900	5.1	25,500	19.6	18,900	3.7
	208-230/60/3					16.5		4.9		19.1		3.6
	265/60/1											
	460/60/3											
030	208-230/60/1	PSC	1,000	7.5	28,300	16.6	33,700	5.2	29,500	19.4	21,300	3.6
	208-230/60/3					16.3		5.1		19.0		3.5
	265/60/1					15.6		4.9		18.2		3.4
	460/60/3					16.3		5.1		19.0		3.5
036	208-230/60/1	PSC	1,200	9.0	37,300	17.3	43,000	5.0	37,600	19.4	28,000	3.7
	208-230/60/3				36,900	16.7	42,600	4.9	37,200	18.7	27,700	3.6
	265/60/1				37,300	16.3	43,000		37,600	18.3	28,000	
	460/60/3				36,900	16.6	42,600		37,200	18.6	27,700	
042	208-230/60/1	PSC	1,400	10.5	41,300	16.4	49,500	5.2	43,000	18.9	30,200	3.5
	208-230/60/3				40,500	16.0	48,500	5.1	42,100	18.5	29,600	3.4
	460/60/3				40,900	16.2	49,000		42,600	18.7	29,900	3.5
048	208-230/60/1	PSC	1,600	12.0	47,900	16.0	58,300	5.0	50,200	18.6	37,100	3.6
	208-230/60/3											
	460/60/3											
	575/60/3				47,400		57,700		49,700		36,700	
060	208-230/60/1	PSC	2,000	15.0	62,000	15.0	72,900	4.7	63,400	16.9	47,200	3.5
	208-230/60/3					14.9				16.7		
	460/60/3											
	575/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 21: WSMV AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	7,200	15.7	9,000	5.3	7,700	18.7	5,300	3.4
	208-230/60/1				7,300	16.0		5.4		19.1		3.5
	265/60/1				7,200	15.2		5.2	7,600	18.2		3.3
009	115/60/1	EC	300	2.25	10,200	13.4	13,200	4.6	10,500	15.2	8,200	3.3
	208-230/60/1				10,100	13.7	13,100		10,400	15.7	8,100	
	265/60/1											
012	115/60/1	EC	400	3.0	13,300	14.2	17,300	4.5	14,000	16.0	10,800	3.3
	208-230/60/1											
	265/60/1					13.7				15.5		
015	115/60/1	EC	500	3.75	15,500	17.5	17,000	5.1	16,300	21.1	11,000	3.6
	208-230/60/1											
	208-230/60/3											3.7
	265/60/1				15,400	16.7		5.0				3.6
019	208-230/60/1	EC	600	4.5	19,700	17.0	24,100	5.1	20,600	20.3	15,100	3.7
	265/60/1							5.0				3.6
024	208-230/60/1	EC	800	6.0	24,700	18.0	28,600	5.3	25,600	20.9	18,600	3.9
	208-230/60/3					17.6		5.1		20.4		3.8
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	28,600	17.0	33,900	5.3	29,800	19.8	21,500	3.7
	208-230/60/3					16.6	33,700	5.1	29,500	19.0	21,300	3.5
	265/60/1					16.0		4.9		18.2		3.4
	460/60/3					16.6		5.1		19.0		3.5
036	208-230/60/1	EC	1,200	9.0	37,200	17.7	43,100	5.2	37,500	19.9	28,000	3.8
	208-230/60/3				36,800		42,700	5.0	37,100	19.2	27,700	3.7
	265/60/1				37,200	16.7	43,100		37,500	18.8	28,000	
	460/60/3				36,800	17.0	42,700		37,100	19.2	27,700	
042	208-230/60/1	EC	1,400	10.5	41,200	17.1	49,300	5.4	43,000	19.9	30,000	3.7
	208-230/60/3				40,400	16.8	48,300	5.3	42,100	19.5	29,400	3.6
	460/60/3				40,800	17.0	48,800		42,600	19.7	29,700	
048	208-230/60/1	EC	1,600	12.0	47,400	16.4	57,500	5.2	49,800	19.1	36,400	3.7
	208-230/60/3											
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	62,100	15.7	73,100	4.9	63,500	17.8	46,100	3.7
	208-230/60/3					15.5				17.6		
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 22: WSSV AHRI Performance Data with EC Motor

Unit Size	Unit Voltage	Motor Type	Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
007	115/60/1	EC	250	1.75	7,100	18.0	8,100	5.5	7,500	21.5	4,800	3.5
	208-230/60/1					18.0						
	265/60/1					16.9		5.3		20.3		3.4
009	115/60/1	EC	300	2.25	9,200	17.5	11,000	5.0	9,700	20.9	7,100	3.6
	208-230/60/1											
	265/60/1					16.5		4.8		19.7		3.5
012	115/60/1	EC	400	3.0	11,500	16.6	13,400	5.0	12,200	20.0	8,200	3.5
	208-230/60/1					17.0		5.1		20.4	8,500	3.6
	265/60/1					16.6		5.0		20.0	8,200	3.5
015	115/60/1	EC	500	3.75	16,100	19.5	18,600	5.8	17,000	23.7	10,400	3.8
	208-230/60/1											
	208-230/60/3										10,500	3.9
	265/60/1					18.0		5.7		22.2		3.8
019	208-230/60/1	EC	600	4.5	19,700	18.0	23,500	5.3	20,600	21.0	14,100	3.7
	265/60/1				19,600	17.2		5.2				3.6
024	208-230/60/1	EC	800	6.0	24,400	18.4	28,000	5.9	25,400	21.1	15,700	3.8
	208-230/60/3					17.9		5.8		20.6		3.7
	265/60/1											
	460/60/3											
030	208-230/60/1	EC	1,000	7.5	29,200	19.2	34,500	6.0	30,200	21.8	20,700	4.1
	208-230/60/3					18.8		5.9		21.4		4.0
	265/60/1					18.0		5.7		20.5		3.8
	460/60/3					18.8		5.9		21.4		4.0
036	208-230/60/1	EC	1,200	9.0	39,000	19.0	44,100	5.5	40,500	21.9	27,600	3.9
	208-230/60/3					18.4		5.3		21.2		3.8
	265/60/1					17.9		5.4		20.7		
	460/60/3					18.3		5.3		21.1		
042	208-230/60/1	EC	1,400	10.5	43,000	18.4	47,600	5.4	44,800	21.3	29,000	3.9
	208-230/60/3				42,100	18.0	46,600	5.3	43,900	20.9	28,400	3.8
	265/60/1				43,000	18.2	47,100	5.4	44,400	21.1	28,700	3.9
	460/60/3				42,100	18.0	46,600	5.3	43,900	20.9	28,400	3.8
048	208-230/60/1	EC	1,600	12.0	50,600	17.6	59,100	5.7	52,200	20.1	36,400	4.0
	208-230/60/3											
	460/60/3											
	575/60/3											
060	208-230/60/1	EC	2,000	15.0	64,000	17.4	78,000	5.3	66,300	20.0	48,800	4.0
	208-230/60/3					17.2		5.2		19.8		
	460/60/3											3.9
	575/60/3					16.9		5.1		19.4		
070	208-230/60/1	EC	2,300	18.0	72,900	16.9	84,600	4.9	75,400	19.4	54,700	3.8
	208-230/60/3					16.7				19.2		
	460/60/3											
	575/60/3					16.4		4.8		18.8		3.7

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend			
Btu/h	British Thermal Units per Hour	**EER**	Energy Efficiency Ratio
CFM	Airflow Rate, Cubic Feet per Minute	**EWT**	Entering Water Temperature
COP	Coefficient of Performance	**GPM**	Gallons per Minute

Vertical Units - Two Stage

Table 23: WSDV AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	17,000	17.7	21,000	6.0	18,900	25.3	14,600	4.0
	208-230/60/3					17.4		5.9		24.8		3.9
	265/60/1											
	460/60/3					17.2		5.8		24.6		
030	208-230/60/1	EC	900	7.5	22,200	16.5	25,700	5.3	24,100	23.3	16,000	3.5
	208-230/60/3					16.2		5.2		22.9		3.4
	265/60/1											
	460/60/3					16.0				22.6		
036	208-230/60/1	EC	1,125	9.0	26,400	18.7	29,200	5.8	29,100	26.7	18,700	3.7
	208-230/60/3					18.3		5.7		26.1		3.6
	265/60/1											
	460/60/3					18.2		5.6		25.9		
042	208-230/60/1	EC	1,200	10.5	30,000	16.6	35,600	5.1	33,200	23.4	21,900	3.2
	208-230/60/3					16.2		5.0		23.0		3.1
	460/60/3					16.1				22.7		
048	208-230/60/1	EC	1,400	12.0	35,700	18.9	43,500	6.0	39,000	27.1	29,900	4.2
	208-230/60/3					18.5		5.8		26.5		4.1
	460/60/3					18.5						
060	208-230/60/1	EC	1,750	15.0	44,600	17.2	52,300	5.5	49,000	24.4	36,500	4.1
	208-230/60/3					16.9		5.4		23.9		4.0
	460/60/3											
070	208-230/60/1	EC	2,100	18.0	51,000	16.4	60,100	5.1	55,400	23.4	42,800	3.8
	208-230/60/3					16.1		5.0		22.9		3.7
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 24: WSDV AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	22,700	15.3	27,800	5.0	23,200	18.0	17,500	3.5
	208-230/60/3					15.0		4.9		17.7		
	265/60/1					15.0						
	460/60/3					14.8		4.8		17.5		3.4
030	208-230/60/1	EC	1,000	7.5	28,900	14.7	34,500	4.4	30,000	16.9	22,600	3.3
	208-230/60/3					14.4		4.3		16.6		3.2
	265/60/1											
	460/60/3					14.3				16.4		
036	208-230/60/1	EC	1,200	9.0	35,600	16.5	39,100	4.9	37,100	19.0	27,300	3.8
	208-230/60/3					16.2		4.8		18.6		3.7
	265/60/1											
	460/60/3					16.0				18.4		
042	208-230/60/1	EC	1,400	10.5	40,900	15.0	49,100	4.6	42,500	17.1	28,500	3.3
	208-230/60/3					14.7		4.6		16.7		3.2
	460/60/3					14.5		4.5		16.6		
048	208-230/60/1	EC	1,600	12.0	49,200	16.9	58,000	5.0	51,000	19.0	35,600	3.6
	208-230/60/3					16.5		4.9		18.6		3.5
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	60,000	15.3	72,100	4.8	62,000	17.3	46,100	3.7
	208-230/60/3					15.0		4.7		17.0		3.6
	460/60/3											
070	208-230/60/1	EC	2,300	18.0	67,000	15.0	82,300	4.5	69,600	17.0	52,900	3.4
	208-230/60/3					14.7		4.4		16.7		3.3
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 25: WSNV AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	18,300	19.1	21,000	6.2	19,500	24.8	15,400	3.9
	208-230/60/3					18.7		6.1		24.3		3.8
	265/60/1											
	460/60/3					18.5		6.0		24.1		
030	208-230/60/1	EC	900	7.5	22,700	18.7	26,400	5.5	24,500	26.2	16,000	3.6
	208-230/60/3					18.3		5.4		25.7		3.5
	265/60/1											
	460/60/3					18.1				25.4		
036	208-230/60/1	EC	1,125	9.0	27,500	19.2	30,000	6.1	29,300	28.8	21,500	4.1
	208-230/60/3					18.8		6.0		28.2		4.0
	265/60/1											
	460/60/3					18.6				27.9		
042	208-230/60/1	EC	1,200	10.5	32,400	19.3	36,400	6.0	35,000	27.5	22,700	3.8
	208-230/60/3					18.9		5.9		27.0		3.7
	460/60/3											
048	208-230/60/1	EC	1,400	12.0	35,800	19.5	38,800	6.0	39,300	27.5	28,100	4.3
	208-230/60/3					19.1		5.9		26.9		4.2
	460/60/3											
060	208-230/60/1	EC	1,750	15.0	44,800	17.2	52,400	5.8	49,100	24.5	36,800	4.2
	208-230/60/3					16.9		5.7		24.0		4.1
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 26: WSNV AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	23,900	17.0	27,100	5.2	25,100	18.8	18,200	4.0
	208-230/60/3					16.7		5.1		18.4		3.9
	265/60/1											
	460/60/3					16.5		5.0		18.2		
030	208-230/60/1	EC	1,000	7.5	31,000	16.3	34,600	5.0	31,900	18.9	20,500	3.6
	208-230/60/3					16.0		4.9		18.5		3.5
	265/60/1											
	460/60/3					15.8		4.8		18.4		
036	208-230/60/1	EC	1,200	9.0	36,700	18.2	39,400	5.1	37,300	20.3	26,100	3.8
	208-230/60/3					17.8		5.0		19.9		3.8
	265/60/1											
	460/60/3					17.6				19.7		3.7
042	208-230/60/1	EC	1,400	10.5	43,300	17.1	49,900	5.0	44,700	19.3	29,000	3.6
	208-230/60/3					16.8		4.9		18.9		3.5
	460/60/3											
048	208-230/60/1	EC	1,600	12.0	49,300	17.2	55,800	5.2	51,100	19.5	35,000	3.8
	208-230/60/3					16.8		5.1		19.1		
	460/60/3											
060	208-230/60/1	EC	2,000	15.0	60,100	15.6	72,200	5.0	62,200	17.8	46,200	3.8
	208-230/60/3					15.3		4.9		17.4		3.7
	460/60/3											

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 27: WSTV AHRI Performance Data with EC Motor - Part Load

Unit Size	Unit Voltage	Motor Type	Part Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	700	6.0	18,300	19.4	21,100	6.6	19,000	27.0	12,400	3.9
	208-230/60/3					19.0		6.5		26.5		3.8
	265/60/1											
	460/60/3					18.8		6.4		26.2		
030	208-230/60/1	EC	900	7.5	23,000	19.2	27,000	6.2	24,600	26.9	16,200	3.8
	208-230/60/3					18.8		6.1		26.3		3.7
	265/60/1											
	460/60/3					18.6		6.0		26.1		
036	208-230/60/1	EC	1,125	9.0	28,000	19.2	29,900	6.2	30,300	29.5	18,700	3.8
	208-230/60/3					18.8		6.0		28.9		
	265/60/1											
	460/60/3					18.6				28.6		3.7
042	208-230/60/1	EC	1,200	10.5	32,600	19.6	36,600	6.1	35,300	26.3	22,800	3.8
	208-230/60/3					19.3		6.0		25.8		
	460/60/3					19.1		5.9		25.5		3.7
048	208-230/60/1	EC	1,350	12.0	36,400	19.8	39,200	6.5	39,700	27.9	27,100	4.5
	208-230/60/3					19.4		6.3		27.3		4.4
	460/60/3											
	575/60/3					19.2				27.0		
060	208-230/60/1	EC	1,800	15.0	45,500	19.4	53,900	6.4	49,700	27.2	37,300	4.6
	208-230/60/3					19.0		6.3		26.7		4.5
	460/60/3											
	575/60/3					18.8		6.2		26.4		
070	208-230/60/1	EC	2,200	18.0	54,300	18.7	61,200	5.9	58,800	26.3	44,300	4.3
	208-230/60/3					18.3		5.8		25.7		4.2
	460/60/3											
	575/60/3					18.1		5.7		25.5		

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Table 28: WSTV AHRI Performance Data with EC Motor - Full Load

Unit Size	Unit Voltage	Motor Type	Full Load								
			Rated CFM	Rated GPM	Water Loop				Ground Loop (Geothermal)			
					Cooling - EWT 86°F		Heating - EWT 68°F		Cooling - EWT 77°F		Heating - EWT 32°F	
					Btu/h	EER	Btu/h	COP	Btu/h	EER	Btu/h	COP
024	208-230/60/1	EC	800	6.0	24,300	17.6	28,000	5.8	22,400	18.0	17,200	4.0
	208-230/60/3					17.2		5.7		17.6		3.9
	265/60/1											
	460/60/3					17.1		5.6		17.5		
030	208-230/60/1	EC	1,000	7.5	31,200	17.0	34,700	5.5	32,200	19.5	20,800	3.8
	208-230/60/3					16.6		5.4		19.1		3.7
	265/60/1											
	460/60/3					16.5		5.4		18.9		
036	208-230/60/1	EC	1,200	9.0	38,100	18.4	41,100	5.2	39,100	21.1	25,600	3.7
	208-230/60/3					18.1		5.1		20.7		3.6
	265/60/1											
	460/60/3					17.9		5.0		20.5		
042	208-230/60/1	EC	1,400	10.5	43,500	17.3	50,000	5.1	44,800	19.5	27,600	3.7
	208-230/60/3					17.0		5.0		19.2		
	460/60/3					16.8		4.9		19.0		3.6
048	208-230/60/1	EC	1,600	12.0	50,800	17.6	58,500	5.5	52,400	20.2	35,200	3.9
	208-230/60/3					17.3		5.4		19.8		3.8
	460/60/3											
	575/60/3					17.1				19.6		
060	208-230/60/1	EC	2,000	15.0	60,500	17.3	74,700	5.5	63,100	19.6	46,800	4.1
	208-230/60/3					17.0		5.4		19.2		4.0
	460/60/3											
	575/60/3					16.8		5.3		19.0		
070	208-230/60/1	EC	2,400	18.0	72,000	16.8	84,600	5.2	74,600	19.0	56,000	4.0
	208-230/60/3					16.5		5.1		18.6		3.9
	460/60/3											
	575/60/3					16.3		5.0		18.4		

NOTE: All data below rated in accordance with AHRI/ASHRAE/ISO Standard 13256-1.

Legend	
Btu/h	British Thermal Units per Hour
CFM	Airflow Rate, Cubic Feet per Minute
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
EWT	Entering Water Temperature
GPM	Gallons per Minute

Capacity Data

Horizontal Units - PSC Motor

Table 29: WSCH007 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.5	1.1	Operation Not Recommended					4426	0.499	2724	86	2.6
	1.8	0.9	2.0						4643	0.500	2936	87	2.7
	2.3	1.4	3.2						4859	0.501	3148	88	2.8
30	1.2	0.5	1.0	7958	5330	0.237	8766	33.6	4903	0.507	3174	88	2.8
	1.8	0.9	2.0	8037	5368	0.224	8801	35.9	5120	0.508	3386	89	3.0
	2.3	1.4	3.2	8115	5405	0.211	8836	38.4	5336	0.509	3598	90	3.1
40	1.2	0.4	1.0	8173	5511	0.273	9105	29.9	5912	0.521	4135	92	3.3
	1.8	0.8	1.9	8252	5548	0.260	9140	31.7	6129	0.522	4347	93	3.4
	2.3	1.3	3.1	8331	5586	0.248	9176	33.6	6345	0.523	4559	93	3.6
50	1.2	0.4	1.0	8086	5506	0.314	9155	25.8	6971	0.533	5152	96	3.8
	1.8	0.8	1.9	8164	5544	0.301	9191	27.1	7187	0.534	5364	96	3.9
	2.3	1.3	3.0	8243	5581	0.288	9226	28.6	7403	0.536	5576	97	4.1
60	1.2	0.4	1.0	7789	5379	0.359	9013	21.7	8049	0.543	6196	100	4.3
	1.8	0.8	1.8	7867	5417	0.346	9048	22.7	8266	0.544	6408	100	4.4
	2.3	1.3	2.9	7946	5454	0.333	9083	23.8	8482	0.546	6620	101	4.6
70	1.2	0.4	0.9	7358	5179	0.409	8754	18.0	9120	0.551	7239	104	4.8
	1.8	0.8	1.8	7436	5216	0.396	8789	18.8	9336	0.553	7451	104	5.0
	2.3	1.2	2.9	7515	5254	0.384	8824	19.6	9552	0.554	7663	105	5.1
80	1.2	0.4	0.9	6849	4937	0.465	8436	14.7	10154	0.557	8252	107	5.3
	1.8	0.8	1.8	6927	4975	0.452	8471	15.3	10370	0.559	8464	108	5.4
	2.3	1.2	2.8	7006	5012	0.440	8506	15.9	10586	0.560	8676	109	5.5
90	1.2	0.4	0.9	6298	4673	0.527	8097	11.9	11122	0.561	9207	111	5.8
	1.8	0.8	1.7	6376	4710	0.515	8132	12.4	11339	0.563	9419	112	5.9
	2.3	1.2	2.8	6455	4748	0.502	8167	12.9	11555	0.564	9631	113	6.0
100	1.2	0.4	0.9	5722	4387	0.596	7756	9.6	Operation Not Recommended				
	1.8	0.7	1.7	5801	4424	0.583	7792	9.9					
	2.3	1.2	2.7	5879	4462	0.571	7827	10.3					
110	1.2	0.4	0.9	5121	4067	0.672	7414	7.6					
	1.8	0.7	1.7	5199	4105	0.659	7449	7.9					
	2.3	1.2	2.7	5278	4142	0.647	7485	8.2					
120	1.2	0.4	0.9	4472	3685	0.756	7051	5.9					
	1.8	0.7	1.7	4551	3722	0.743	7086	6.1					
	2.3	1.2	2.7	4629	3760	0.730	7121	6.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools™ (DST) selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 30: WSCH009 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.6	Operation Not Recommended					6632	0.750	4072	90	2.6
	2.3	1.3	3.0						7119	0.763	4517	92	2.7
	3.0	2.1	4.8						7606	0.775	4962	93	2.9
30	1.5	0.7	1.6	12224	7333	0.424	13670	28.9	7202	0.768	4582	92	2.7
	2.3	1.3	3.0	12358	7406	0.392	13696	31.5	7689	0.780	5027	94	2.9
	3.0	2.1	4.8	12491	7478	0.361	13722	34.6	8176	0.792	5472	95	3.0
40	1.5	0.7	1.5	12042	7366	0.472	13652	25.5	8607	0.803	5868	96	3.1
	2.3	1.3	2.9	12176	7438	0.440	13678	27.7	9093	0.815	6313	98	3.3
	3.0	2.0	4.6	12309	7511	0.409	13704	30.1	9580	0.827	6758	99	3.4
50	1.5	0.6	1.5	11587	7125	0.532	13402	21.8	10151	0.837	7296	101	3.6
	2.3	1.2	2.8	11720	7198	0.500	13428	23.4	10637	0.849	7741	103	3.7
	3.0	1.9	4.5	11853	7270	0.469	13454	25.3	11124	0.861	8186	104	3.8
60	1.5	0.6	1.4	11003	6768	0.602	13055	18.3	11645	0.868	8681	106	3.9
	2.3	1.2	2.8	11136	6841	0.570	13081	19.5	12131	0.881	9126	107	4.0
	3.0	1.9	4.4	11269	6913	0.539	13107	20.9	12618	0.893	9571	109	4.1
70	1.5	0.6	1.4	10389	6405	0.678	12704	15.3	12976	0.897	9915	110	4.2
	2.3	1.2	2.7	10522	6477	0.647	12729	16.3	13462	0.909	10360	111	4.3
	3.0	1.9	4.3	10655	6550	0.615	12755	17.3	13949	0.922	10804	113	4.4
80	1.5	0.6	1.4	9801	6095	0.760	12393	12.9	14108	0.921	10965	113	4.5
	2.3	1.1	2.7	9934	6168	0.728	12419	13.6	14595	0.933	11410	115	4.6
	3.0	1.8	4.2	10067	6240	0.697	12445	14.4	15081	0.946	11854	116	4.7
90	1.5	0.6	1.4	9249	5853	0.843	12127	11.0	15082	0.940	11876	116	4.7
	2.3	1.1	2.6	9382	5925	0.812	12153	11.6	15569	0.952	12321	118	4.8
	3.0	1.8	4.1	9515	5998	0.781	12179	12.2	16056	0.964	12766	119	4.9
100	1.5	0.6	1.3	8699	5642	0.927	11862	9.4	Operation Not Recommended				
	2.3	1.1	2.6	8832	5715	0.896	11887	9.9					
	3.0	1.8	4.1	8965	5787	0.864	11913	10.4					
110	1.5	0.6	1.3	8071	5379	1.008	11510	8.0					
	2.3	1.1	2.5	8204	5452	0.976	11536	8.4					
	3.0	1.8	4.0	8337	5524	0.945	11562	8.8					
120	1.5	0.6	1.3	7243	4933	1.084	10940	6.7					
	2.3	1.1	2.5	7376	5005	1.052	10966	7.0					
	3.0	1.7	4.0	7509	5078	1.021	10992	7.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 31: WSCH012 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.1	2.5	Operation Not Recommended					9249	0.971	5937	91	2.8
	3.0	2.1	4.8						9621	0.982	6270	92	2.9
	4.0	3.3	7.7						9993	0.993	6604	93	2.9
30	2.0	1.1	2.5	15898	10312	0.551	17779	28.8	10125	0.998	6721	93	3.0
	3.0	2.1	4.8	16002	10321	0.525	17794	30.5	10497	1.009	7054	94	3.0
	4.0	3.3	7.5	16106	10331	0.499	17809	32.3	10869	1.020	7387	95	3.1
40	2.0	1.0	2.4	15667	10131	0.629	17812	24.9	11952	1.057	8346	98	3.3
	3.0	2.0	4.6	15771	10141	0.603	17827	26.2	12324	1.068	8679	98	3.4
	4.0	3.2	7.3	15875	10151	0.577	17842	27.5	12696	1.080	9012	99	3.4
50	2.0	1.0	2.3	15290	9919	0.711	17715	21.5	13830	1.121	10006	102	3.6
	3.0	1.9	4.5	15394	9929	0.685	17730	22.5	14202	1.132	10339	103	3.7
	4.0	3.1	7.1	15498	9939	0.658	17745	23.5	14574	1.143	10673	104	3.7
60	2.0	1.0	2.3	14780	9669	0.797	17501	18.5	15698	1.185	11656	106	3.9
	3.0	1.9	4.4	14884	9679	0.771	17516	19.3	16070	1.196	11989	107	3.9
	4.0	3.0	7.0	14988	9689	0.745	17531	20.1	16442	1.207	12322	108	4.0
70	2.0	1.0	2.2	14149	9375	0.890	17185	15.9	17498	1.246	13248	110	4.1
	3.0	1.9	4.3	14253	9385	0.864	17200	16.5	17870	1.257	13581	111	4.2
	4.0	3.0	6.8	14357	9395	0.838	17215	17.1	18242	1.268	13914	112	4.2
80	2.0	1.0	2.2	13408	9030	0.989	16781	13.6	19170	1.300	14734	114	4.3
	3.0	1.8	4.2	13511	9040	0.963	16796	14.0	19542	1.312	15067	115	4.4
	4.0	2.9	6.7	13615	9050	0.936	16811	14.5	19914	1.323	15400	116	4.4
90	2.0	0.9	2.2	12568	8628	1.094	16301	11.5	20654	1.344	16067	118	4.5
	3.0	1.8	4.1	12672	8638	1.068	16316	11.9	21026	1.356	16400	118	4.5
	4.0	2.9	6.6	12776	8647	1.042	16332	12.3	21398	1.367	16733	119	4.6
100	2.0	0.9	2.1	11643	8162	1.207	15761	9.6	Operation Not Recommended				
	3.0	1.8	4.1	11747	8172	1.181	15776	9.9					
	4.0	2.8	6.5	11851	8181	1.155	15791	10.3					
110	2.0	0.9	2.1	10644	7626	1.328	15175	8.0					
	3.0	1.8	4.0	10748	7635	1.302	15190	8.3					
	4.0	2.8	6.4	10852	7645	1.276	15205	8.5					
120	2.0	0.9	2.1	9582	7013	1.457	14555	6.6					
	3.0	1.7	4.0	9686	7023	1.431	14570	6.8					
	4.0	2.8	6.4	9790	7033	1.405	14585	7.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 32: WSCH015 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.7	4.0	Operation Not Recommended					10161	1.049	6582	89	2.8
	3.8	3.3	7.7						10570	1.052	6978	89	2.9
	5.0	5.3	12.2						10979	1.056	7375	90	3.0
30	2.5	1.7	3.9	17628	11499	0.574	19588	30.7	11224	1.064	7593	91	3.1
	3.8	3.3	7.5	17716	11554	0.554	19605	32.0	11633	1.068	7990	91	3.2
	5.0	5.2	12.0	17803	11608	0.533	19622	33.4	12042	1.071	8387	92	3.3
40	2.5	1.7	3.8	18195	11470	0.632	20350	28.8	13245	1.092	9520	94	3.6
	3.8	3.2	7.3	18283	11524	0.611	20367	29.9	13654	1.095	9917	95	3.7
	5.0	5.0	11.6	18370	11578	0.590	20385	31.1	14063	1.099	10314	96	3.8
50	2.5	1.6	3.7	17631	11311	0.704	20032	25.1	15238	1.116	11431	98	4.0
	3.8	3.1	7.1	17718	11365	0.683	20049	25.9	15647	1.119	11828	99	4.1
	5.0	4.9	11.3	17806	11419	0.663	20066	26.9	16056	1.123	12225	100	4.2
60	2.5	1.6	3.6	16739	11049	0.788	19428	21.2	17285	1.136	13407	102	4.5
	3.8	3.0	7.0	16826	11103	0.768	19445	21.9	17694	1.140	13804	103	4.5
	5.0	4.8	11.1	16913	11157	0.747	19462	22.6	18103	1.143	14201	103	4.6
70	2.5	1.5	3.6	15900	10711	0.883	18912	18.0	19409	1.154	15472	106	4.9
	3.8	3.0	6.8	15988	10765	0.862	18929	18.5	19818	1.157	15869	106	5.0
	5.0	4.7	10.8	16075	10819	0.841	18946	19.1	20226	1.161	16266	107	5.1
80	2.5	1.5	3.5	15198	10323	0.984	18557	15.4	21574	1.167	17591	110	5.4
	3.8	2.9	6.7	15285	10377	0.964	18574	15.9	21983	1.171	17988	110	5.5
	5.0	4.6	10.6	15373	10431	0.943	18591	16.3	22392	1.174	18384	111	5.6
90	2.5	1.5	3.4	14535	9910	1.091	18258	13.3	23686	1.178	19668	114	5.9
	3.8	2.9	6.6	14622	9964	1.071	18276	13.7	24095	1.181	20064	114	6.0
	5.0	4.5	10.5	14710	10019	1.050	18293	14.0	24504	1.185	20461	115	6.1
100	2.5	1.5	3.4	13759	9500	1.201	17855	11.5	Operation Not Recommended				
	3.8	2.8	6.5	13846	9554	1.180	17873	11.7					
	5.0	4.5	10.3	13933	9608	1.159	17890	12.0					
110	2.5	1.4	3.3	12780	9119	1.310	17250	9.8					
	3.8	2.8	6.4	12867	9173	1.290	17267	10.0					
	5.0	4.4	10.2	12954	9227	1.269	17284	10.2					
120	2.5	1.4	3.3	11695	8792	1.417	16531	8.3					
	3.8	2.8	6.4	11782	8846	1.397	16548	8.4					
	5.0	4.4	10.1	11869	8900	1.376	16565	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 33: WSCH019 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	3.0	7.0	Operation Not Recommended					12525	1.222	8354	89	3.0
	4.5	5.4	12.4						13306	1.235	9093	90	3.2
	6.1	8.1	18.6						14087	1.247	9833	92	3.3
30	3.0	3.0	6.9	22464	14621	0.725	24939	31.0	13443	1.243	9202	91	3.2
	4.5	5.3	12.2	22811	14731	0.687	25157	33.2	14225	1.255	9941	92	3.3
	6.1	7.9	18.3	23159	14842	0.650	25375	35.7	15006	1.268	10681	93	3.5
40	3.0	2.9	6.7	22755	14829	0.790	25450	28.8	15576	1.287	11185	94	3.5
	4.5	5.1	11.8	23102	14940	0.752	25668	30.7	16358	1.299	11924	95	3.7
	6.1	7.7	17.8	23450	15050	0.714	25886	32.8	17139	1.311	12664	96	3.8
50	3.0	2.8	6.5	22220	14531	0.871	25191	25.5	18009	1.333	13461	98	4.0
	4.5	5.0	11.5	22567	14641	0.833	25409	27.1	18790	1.345	14200	99	4.1
	6.1	7.5	17.3	22915	14752	0.795	25626	28.8	19572	1.357	14940	100	4.2
60	3.0	2.7	6.3	21229	13989	0.967	24529	21.9	20629	1.379	15923	102	4.4
	4.5	4.9	11.2	21576	14099	0.929	24747	23.2	21410	1.392	16662	103	4.5
	6.1	7.3	16.9	21923	14210	0.891	24965	24.6	22192	1.404	17402	104	4.6
70	3.0	2.7	6.2	20058	13391	1.079	23739	18.6	23323	1.424	18464	106	4.8
	4.5	4.8	11.0	20405	13501	1.041	23957	19.6	24104	1.436	19203	107	4.9
	6.1	7.2	16.5	20752	13611	1.003	24175	20.7	24886	1.449	19943	108	5.0
80	3.0	2.6	6.1	18887	12847	1.205	23000	15.7	25978	1.466	20978	110	5.2
	4.5	4.7	10.8	19235	12958	1.167	23217	16.5	26760	1.478	21717	111	5.3
	6.1	7.0	16.2	19582	13068	1.129	23435	17.3	27541	1.490	22457	112	5.4
90	3.0	2.6	6.0	17803	12395	1.346	22394	13.2	28482	1.502	23357	114	5.6
	4.5	4.6	10.6	18150	12505	1.308	22612	13.9	29263	1.514	24097	115	5.7
	6.1	6.9	16.0	18497	12616	1.270	22830	14.6	30044	1.526	24836	116	5.8
100	3.0	2.6	5.9	16794	11991	1.500	21911	11.2	Operation Not Recommended				
	4.5	4.5	10.5	17142	12101	1.462	22129	11.7					
	6.1	6.8	15.7	17489	12212	1.424	22347	12.3					
110	3.0	2.5	5.8	15758	11520	1.666	21444	9.5					
	4.5	4.5	10.4	16105	11630	1.628	21662	9.9					
	6.1	6.7	15.6	16453	11741	1.591	21880	10.3					
120	3.0	2.5	5.8	14493	10788	1.846	20791	7.9					
	4.5	4.4	10.3	14841	10898	1.808	21009	8.2					
	6.1	6.7	15.4	15188	11009	1.770	21227	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 34: WSCH024 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.6	5.9	Operation Not Recommended					14530	1.587	9114	87	2.7
	6.0	4.9	11.3						15469	1.604	9994	88	2.8
	8.0	7.8	17.9						16408	1.622	10875	89	3.0
30	4.0	2.5	5.8	27378	18862	0.971	30691	28.2	15787	1.609	10297	88	2.9
	6.0	4.8	11.1	27615	18971	0.893	30663	30.9	16726	1.626	11177	89	3.0
	8.0	7.6	17.6	27852	19081	0.816	30636	34.1	17665	1.643	12057	90	3.2
40	4.0	2.5	5.7	26621	18550	1.062	30247	25.1	18695	1.645	13083	92	3.3
	6.0	4.7	10.8	26859	18660	0.985	30219	27.3	19634	1.662	13964	93	3.5
	8.0	7.4	17.1	27096	18769	0.907	30192	29.9	20573	1.679	14844	94	3.6
50	4.0	2.4	5.5	26004	18255	1.163	29974	22.4	21978	1.684	16232	95	3.8
	6.0	4.6	10.5	26242	18365	1.086	29947	24.2	22917	1.701	17113	96	3.9
	8.0	7.2	16.7	26479	18474	1.008	29919	26.3	23856	1.718	17993	97	4.1
60	4.0	2.3	5.4	25409	17955	1.280	29776	19.9	25455	1.739	19522	99	4.3
	6.0	4.5	10.3	25646	18065	1.202	29748	21.3	26394	1.756	20402	100	4.4
	8.0	7.0	16.3	25884	18174	1.125	29721	23.0	27333	1.773	21283	101	4.5
70	4.0	2.3	5.3	24741	17630	1.418	29578	17.5	28939	1.813	22754	103	4.7
	6.0	4.4	10.1	24979	17740	1.340	29551	18.6	29878	1.830	23634	104	4.8
	8.0	6.9	15.9	25216	17849	1.262	29523	20.0	30817	1.847	24515	105	4.9
80	4.0	2.2	5.2	23932	17259	1.583	29332	15.1	32244	1.903	25753	107	5.0
	6.0	4.3	9.9	24169	17369	1.505	29305	16.1	33183	1.920	26633	108	5.1
	8.0	6.8	15.6	24406	17478	1.428	29277	17.1	34122	1.937	27513	109	5.2
90	4.0	2.2	5.1	22935	16821	1.781	29013	12.9	35179	1.997	28364	110	5.2
	6.0	4.2	9.7	23172	16931	1.704	28985	13.6	36118	2.014	29244	112	5.3
	8.0	6.7	15.4	23409	17040	1.626	28958	14.4	37057	2.032	30124	113	5.3
100	4.0	2.2	5.0	21729	16296	2.019	28619	10.8	Operation Not Recommended				
	6.0	4.1	9.6	21966	16406	1.942	28591	11.3					
	8.0	6.6	15.1	22203	16515	1.864	28564	11.9					
110	4.0	2.1	5.0	20316	15664	2.303	28173	8.8					
	6.0	4.1	9.5	20553	15773	2.225	28145	9.2					
	8.0	6.5	15.0	20791	15883	2.147	28118	9.7					
120	4.0	2.1	4.9	18724	14903	2.637	27723	7.1					
	6.0	4.1	9.4	18962	15012	2.560	27696	7.4					
	8.0	6.4	14.8	19199	15122	2.482	27668	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 35: WSCH030 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.7	8.5	Operation Not Recommended					18360	1.886	11925	87	2.9
	7.5	7.0	16.1						19179	1.905	12678	88	3.0
	10.0	11.1	25.6						19998	1.924	13431	88	3.0
30	5.0	3.6	8.3	29085	19810	1.216	33235	23.9	19946	1.909	13431	88	3.1
	7.5	6.9	15.9	29272	19846	1.149	33193	25.5	20765	1.928	14184	89	3.2
	10.0	10.9	25.2	29459	19882	1.082	33151	27.2	21583	1.948	14938	90	3.2
40	5.0	3.5	8.1	29334	20404	1.300	33770	22.6	23242	1.962	16549	91	3.5
	7.5	6.7	15.4	29521	20441	1.233	33728	23.9	24061	1.981	17302	92	3.6
	10.0	10.6	24.4	29709	20477	1.166	33687	25.5	24880	2.000	18056	93	3.6
50	5.0	3.4	7.9	29445	20829	1.398	34215	21.1	26667	2.022	19767	95	3.9
	7.5	6.5	15.0	29632	20866	1.331	34173	22.3	27486	2.041	20520	95	3.9
	10.0	10.3	23.8	29820	20902	1.264	34131	23.6	28304	2.060	21274	96	4.0
60	5.0	3.3	7.7	29288	21033	1.516	34462	19.3	30133	2.090	23002	98	4.2
	7.5	6.4	14.7	29476	21070	1.449	34420	20.3	30951	2.109	23756	99	4.3
	10.0	10.1	23.2	29663	21106	1.382	34378	21.5	31770	2.128	24509	99	4.4
70	5.0	3.3	7.5	28785	20991	1.661	34452	17.3	33508	2.162	26131	101	4.5
	7.5	6.2	14.4	28972	21027	1.594	34410	18.2	34326	2.181	26884	102	4.6
	10.0	9.8	22.7	29159	21063	1.527	34368	19.1	35145	2.200	27637	102	4.7
80	5.0	3.2	7.4	27904	20702	1.839	34179	15.2	36615	2.236	28987	104	4.8
	7.5	6.1	14.1	28092	20738	1.772	34137	15.9	37434	2.255	29740	104	4.9
	10.0	9.7	22.3	28279	20774	1.705	34095	16.6	38253	2.274	30493	105	4.9
90	5.0	3.1	7.3	26668	20192	2.056	33685	13.0	39234	2.306	31364	106	5.0
	7.5	6.0	13.9	26856	20229	1.989	33643	13.5	40052	2.325	32118	107	5.0
	10.0	9.5	21.9	27043	20265	1.922	33601	14.1	40871	2.345	32871	108	5.1
100	5.0	3.1	7.2	25147	19515	2.319	33061	10.8	Operation Not Recommended				
	7.5	5.9	13.7	25334	19551	2.252	33019	11.2					
	10.0	9.4	21.6	25522	19587	2.185	32977	11.7					
110	5.0	3.1	7.1	23461	18746	2.635	32450	8.9					
	7.5	5.9	13.5	23648	18783	2.567	32408	9.2					
	10.0	9.3	21.4	23835	18819	2.500	32366	9.5					
120	5.0	3.0	7.0	21780	17991	3.008	32044	7.2					
	7.5	5.8	13.4	21967	18027	2.941	32003	7.5					
	10.0	9.2	21.2	22154	18063	2.874	31961	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 36: WSCH036 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.0	6.9	Operation Not Recommended					22040	2.517	13451	87	2.6
	9.0	5.9	13.6						24306	2.562	15566	89	2.8
	12.0	9.5	21.8						26573	2.606	17681	90	3.0
30	6.0	3.0	6.8	41511	27356	1.653	47152	25.1	23889	2.542	15214	88	2.8
	9.0	5.8	13.4	41846	27478	1.541	47103	27.2	26156	2.587	17330	90	3.0
	12.0	9.3	21.5	42181	27601	1.429	47055	29.5	28422	2.631	19445	92	3.2
40	6.0	2.9	6.6	40534	26973	1.771	46578	22.9	27740	2.601	18864	91	3.1
	9.0	5.6	13.0	40869	27096	1.659	46530	24.6	30007	2.646	20979	93	3.3
	12.0	9.0	20.9	41204	27219	1.547	46482	26.6	32274	2.690	23095	95	3.5
50	6.0	2.8	6.5	39583	26530	1.907	46091	20.8	32020	2.672	22903	95	3.5
	9.0	5.5	12.6	39918	26653	1.795	46043	22.2	34287	2.717	25018	96	3.7
	12.0	8.8	20.3	40253	26776	1.683	45995	23.9	36554	2.761	27133	98	3.9
60	6.0	2.7	6.3	38560	26017	2.068	45617	18.6	36837	2.755	27437	98	3.9
	9.0	5.3	12.3	38895	26140	1.956	45569	19.9	39104	2.799	29552	100	4.1
	12.0	8.6	19.8	39229	26263	1.844	45521	21.3	41371	2.844	31667	102	4.3
70	6.0	2.7	6.2	37386	25425	2.261	45102	16.5	42112	2.849	32390	102	4.3
	9.0	5.2	12.1	37721	25548	2.149	45054	17.6	44379	2.894	34505	104	4.5
	12.0	8.4	19.4	38056	25670	2.037	45006	18.7	46646	2.938	36620	106	4.7
80	6.0	2.6	6.1	36004	24745	2.493	44511	14.4	47583	2.956	37497	107	4.7
	9.0	5.1	11.8	36339	24867	2.381	44463	15.3	49850	3.000	39613	108	4.9
	12.0	8.2	19.0	36674	24990	2.269	44415	16.2	52116	3.045	41728	110	5.0
90	6.0	2.6	6.0	34374	23968	2.771	43829	12.4	52799	3.074	42311	111	5.0
	9.0	5.0	11.6	34709	24090	2.659	43780	13.1	55066	3.118	44426	112	5.2
	12.0	8.1	18.7	35044	24213	2.546	43732	13.8	57333	3.163	46541	114	5.3
100	6.0	2.5	5.9	32476	23085	3.102	43059	10.5	Operation Not Recommended				
	9.0	5.0	11.5	32810	23207	2.989	43011	11.0					
	12.0	8.0	18.5	33145	23330	2.877	42962	11.5					
110	6.0	2.5	5.8	30309	22087	3.492	42225	8.7					
	9.0	4.9	11.3	30643	22210	3.380	42177	9.1					
	12.0	7.9	18.3	30978	22332	3.268	42128	9.5					
120	6.0	2.5	5.8	27891	20966	3.950	41369	7.1					
	9.0	4.9	11.2	28226	21088	3.838	41321	7.4					
	12.0	7.8	18.1	28561	21211	3.725	41273	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 37: WSCH042 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					26570	2.865	16794	87	2.7
	10.5	7.6	17.5						28013	2.893	18142	88	2.8
	14.0	12.2	28.1						29456	2.921	19490	89	3.0
30	7.0	3.8	8.8	46125	35677	1.985	52899	23.2	28662	2.889	18804	89	2.9
	10.5	7.5	17.2	42448	29875	1.817	48647	23.4	30104	2.917	20153	90	3.0
	14.0	12.0	27.7	38770	24072	1.648	44395	23.5	31547	2.944	21501	91	3.1
40	7.0	3.7	8.6	46470	36075	2.102	53642	22.1	33290	2.943	23247	92	3.3
	10.5	7.3	16.7	42793	30272	1.934	49390	22.1	34733	2.971	24596	93	3.4
	14.0	11.7	26.9	39115	24470	1.765	45138	22.2	36176	2.999	25944	94	3.5
50	7.0	3.6	8.3	46205	36172	2.240	53848	20.6	38312	3.007	28051	95	3.7
	10.5	7.1	16.3	42528	30370	2.072	49596	20.5	39755	3.035	29399	96	3.8
	14.0	11.4	26.2	38850	24568	1.903	45344	20.4	41198	3.063	30748	97	3.9
60	7.0	3.5	8.1	45540	36002	2.404	53744	18.9	43507	3.081	32994	99	4.1
	10.5	6.9	15.9	41862	30200	2.236	49492	18.7	44950	3.109	34343	100	4.2
	14.0	11.1	25.6	38185	24398	2.068	45240	18.5	46393	3.136	35691	101	4.3
70	7.0	3.5	8.0	44610	35596	2.601	53484	17.2	48676	3.164	37879	102	4.5
	10.5	6.7	15.6	40932	29794	2.432	49232	16.8	50119	3.192	39228	103	4.6
	14.0	10.8	25.0	37255	23991	2.264	44980	16.5	51562	3.220	40576	104	4.7
80	7.0	3.4	7.8	43477	34985	2.834	53148	15.3	53646	3.257	42532	105	4.8
	10.5	6.6	15.3	39800	29182	2.666	48896	14.9	55089	3.285	43880	106	4.9
	14.0	10.6	24.6	36122	23380	2.498	44644	14.5	56531	3.313	45228	107	5.0
90	7.0	3.3	7.7	42127	34201	3.110	52740	13.5	58265	3.360	46801	108	5.1
	10.5	6.5	15.0	38450	28398	2.942	48488	13.1	59707	3.387	48149	109	5.2
	14.0	10.5	24.2	34773	22596	2.774	44236	12.5	61150	3.415	49497	110	5.2
100	7.0	3.3	7.6	40473	33275	3.434	52191	11.8	Operation Not Recommended				
	10.5	6.4	14.8	36796	27473	3.266	47939	11.3					
	14.0	10.3	23.8	33118	21670	3.097	43687	10.7					
110	7.0	3.2	7.5	38352	32240	3.811	51356	10.1					
	10.5	6.3	14.6	34674	26437	3.643	47104	9.5					
	14.0	10.2	23.6	30997	20635	3.474	42852	8.9					
120	7.0	3.2	7.4	35526	31126	4.247	50016	8.4					
	10.5	6.3	14.5	31849	25324	4.078	45765	7.8					
	14.0	10.1	23.3	28171	19521	3.910	41513	7.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 38: WSCH048 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.4	5.6	Operation Not Recommended					32945	3.319	21621	89	2.9
	12.0	5.2	11.9						34372	3.350	22941	90	3.0
	16.0	8.8	20.4						35799	3.382	24260	91	3.1
30	8.0	2.4	5.5	48902	34679	2.193	56387	22.3	35618	3.363	24143	91	3.1
	12.0	5.1	11.7	49218	34758	2.097	56372	23.5	37045	3.394	25462	91	3.2
	16.0	8.7	20.0	49533	34837	2.000	56357	24.8	38471	3.426	26782	92	3.3
40	8.0	2.3	5.4	50905	35669	2.362	58965	21.6	41697	3.475	29841	94	3.5
	12.0	4.9	11.4	51221	35748	2.265	58950	22.6	43124	3.506	31161	95	3.6
	16.0	8.4	19.5	51536	35827	2.168	58935	23.8	44551	3.538	32480	96	3.7
50	8.0	2.3	5.2	51189	36121	2.556	59912	20.0	48470	3.611	36150	98	3.9
	12.0	4.8	11.1	51505	36200	2.459	59897	20.9	49897	3.642	37469	99	4.0
	16.0	8.2	18.9	51820	36279	2.363	59882	21.9	51324	3.674	38789	100	4.1
60	8.0	2.2	5.1	50472	36115	2.783	59966	18.1	55595	3.764	42753	102	4.3
	12.0	4.7	10.8	50787	36194	2.686	59951	18.9	57022	3.795	44073	103	4.4
	16.0	8.0	18.5	51102	36273	2.589	59936	19.7	58449	3.827	45392	104	4.5
70	8.0	2.2	5.0	49263	35732	3.048	59662	16.2	62729	3.925	49335	106	4.7
	12.0	4.6	10.6	49578	35811	2.951	59647	16.8	64156	3.957	50655	107	4.8
	16.0	7.8	18.1	49894	35890	2.854	59632	17.5	65583	3.988	51974	108	4.8
80	8.0	2.1	4.9	47868	35052	3.358	59327	14.3	69530	4.088	55581	110	5.0
	12.0	4.5	10.4	48184	35131	3.261	59312	14.8	70957	4.120	56900	111	5.0
	16.0	7.7	17.8	48499	35210	3.165	59297	15.3	72384	4.151	58219	112	5.1
90	8.0	2.1	4.8	46386	34157	3.721	59082	12.5	75654	4.244	61173	114	5.2
	12.0	4.4	10.2	46701	34236	3.624	59067	12.9	77081	4.276	62492	114	5.3
	16.0	7.6	17.5	47016	34315	3.527	59052	13.3	78508	4.307	63812	115	5.3
100	8.0	2.1	4.8	44708	33126	4.143	58843	10.8	Operation Not Recommended				
	12.0	4.4	10.1	45023	33204	4.046	58828	11.1					
	16.0	7.5	17.2	45338	33283	3.949	58813	11.5					
110	8.0	2.0	4.7	42520	32040	4.630	58318	9.2					
	12.0	4.3	10.0	42835	32119	4.533	58303	9.4					
	16.0	7.4	17.0	43151	32197	4.436	58288	9.7					
120	8.0	2.0	4.7	39302	30979	5.190	57010	7.6					
	12.0	4.3	9.9	39618	31058	5.093	56995	7.8					
	16.0	7.3	16.9	39933	31137	4.996	56980	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 39: WSCH060 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.3	5.3	Operation Not Recommended					40648	4.360	25771	89	2.7
	15.0	5.1	11.9						43494	4.435	28360	90	2.9
	20.0	9.1	21.0						46341	4.511	30949	91	3.0
30	10.0	2.3	5.2	59826	42348	2.774	69291	21.6	44289	4.432	29167	90	2.9
	15.0	5.1	11.7	60241	42471	2.605	69128	23.1	47136	4.507	31756	92	3.1
	20.0	9.0	20.7	60655	42594	2.436	68965	24.9	49982	4.583	34345	93	3.2
40	10.0	2.2	5.1	65094	45238	2.980	75261	21.8	52170	4.598	36481	94	3.3
	15.0	4.9	11.4	65508	45360	2.811	75098	23.3	55017	4.674	39070	95	3.5
	20.0	8.7	20.1	65923	45483	2.641	74936	25.0	57863	4.749	41659	97	3.6
50	10.0	2.1	5.0	66193	45621	3.218	77174	20.6	60683	4.794	44325	98	3.7
	15.0	4.8	11.1	66607	45743	3.049	77011	21.8	63530	4.869	46915	99	3.8
	20.0	8.5	19.5	67021	45866	2.880	76848	23.3	66376	4.945	49504	101	3.9
60	10.0	2.1	4.8	64982	44725	3.496	76911	18.6	69615	5.018	52491	102	4.1
	15.0	4.7	10.8	65396	44848	3.327	76748	19.7	72461	5.094	55080	103	4.2
	20.0	8.3	19.1	65810	44970	3.158	76585	20.8	75308	5.169	57669	105	4.3
70	10.0	2.1	4.7	62816	43430	3.819	75847	16.4	78728	5.266	60758	106	4.4
	15.0	4.6	10.6	63230	43553	3.650	75685	17.3	81575	5.342	63348	108	4.5
	20.0	8.1	18.7	63644	43675	3.481	75522	18.3	84421	5.417	65937	109	4.6
80	10.0	2.0	4.6	60537	42271	4.195	74851	14.4	87768	5.530	68898	110	4.7
	15.0	4.5	10.4	60951	42394	4.026	74688	15.1	90614	5.606	71487	112	4.7
	20.0	7.9	18.3	61365	42517	3.857	74525	15.9	93461	5.681	74076	113	4.8
90	10.0	2.0	4.6	58482	41436	4.629	74278	12.6	96456	5.799	76670	114	4.9
	15.0	4.4	10.2	58896	41559	4.460	74115	13.2	99302	5.874	79259	116	5.0
	20.0	7.8	18.0	59310	41681	4.291	73952	13.8	102149	5.949	81848	117	5.0
100	10.0	2.0	4.5	56478	40767	5.129	73980	11.0	Operation Not Recommended				
	15.0	4.4	10.1	56893	40890	4.960	73817	11.5					
	20.0	7.7	17.8	57307	41012	4.791	73654	12.0					
110	10.0	1.9	4.5	53845	39760	5.701	73297	9.4					
	15.0	4.3	9.9	54259	39882	5.532	73134	9.8					
	20.0	7.6	17.6	54673	40005	5.363	72971	10.2					
120	10.0	1.9	4.4	49392	37564	6.351	71062	7.8					
	15.0	4.3	9.8	49806	37687	6.182	70899	8.1					
	20.0	7.5	17.4	50220	37809	6.013	70736	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 40: WSCH070 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	2.7	6.2	Operation Not Recommended					45646	4.812	29228	88	2.8
	18.0	6.9	16.0						48589	4.883	31928	89	2.9
	24.0	13.6	31.3						51532	4.954	34627	91	3.0
30	12.0	2.7	6.1	75998	52740	3.311	87296	23.0	49807	4.888	33127	90	3.0
	18.0	6.8	15.8	76556	52799	3.136	87256	24.4	52750	4.960	35827	91	3.1
	24.0	13.3	30.8	77114	52859	2.961	87215	26.0	55692	5.031	38526	92	3.2
40	12.0	2.6	6.0	78272	53531	3.507	90237	22.3	58573	5.058	41315	93	3.4
	18.0	6.6	15.3	78830	53590	3.331	90196	23.7	61515	5.129	44015	95	3.5
	24.0	13.0	29.9	79388	53650	3.156	90156	25.2	64458	5.200	46714	96	3.6
50	12.0	2.5	5.8	77717	53291	3.750	90513	20.7	67786	5.247	49883	97	3.8
	18.0	6.5	14.9	78275	53351	3.574	90472	21.9	70729	5.318	52583	98	3.9
	24.0	12.6	29.1	78834	53410	3.399	90432	23.2	73672	5.389	55283	99	4.0
60	12.0	2.5	5.7	75529	52416	4.047	89339	18.7	77273	5.454	58664	101	4.2
	18.0	6.3	14.5	76087	52475	3.872	89298	19.7	80215	5.525	61364	102	4.3
	24.0	12.3	28.4	76645	52535	3.697	89258	20.7	83158	5.596	64063	103	4.4
70	12.0	2.4	5.5	72597	51201	4.405	87628	16.5	86859	5.677	67490	105	4.5
	18.0	6.2	14.2	73155	51261	4.230	87588	17.3	89802	5.748	70189	106	4.6
	24.0	12.0	27.8	73714	51320	4.054	87547	18.2	92744	5.819	72889	107	4.7
80	12.0	2.4	5.4	69512	49845	4.829	85990	14.4	96370	5.914	76191	109	4.8
	18.0	6.1	14.0	70070	49905	4.654	85949	15.1	99313	5.985	78891	110	4.9
	24.0	11.8	27.3	70628	49964	4.478	85909	15.8	102256	6.056	81590	111	4.9
90	12.0	2.3	5.3	66557	48448	5.326	84729	12.5	105632	6.164	84601	112	5.0
	18.0	6.0	13.7	67115	48508	5.150	84689	13.0	108575	6.235	87301	113	5.1
	24.0	11.6	26.8	67673	48567	4.975	84648	13.6	111518	6.306	90001	115	5.2
100	12.0	2.3	5.3	63717	47011	5.901	83851	10.8	Operation Not Recommended				
	18.0	5.9	13.5	64275	47071	5.725	83810	11.2					
	24.0	11.5	26.5	64833	47130	5.550	83770	11.7					
110	12.0	2.3	5.2	60670	45438	6.560	83055	9.2					
	18.0	5.8	13.4	61228	45498	6.385	83014	9.6					
	24.0	11.3	26.2	61786	45557	6.210	82974	10.0					
120	12.0	2.2	5.2	56793	43535	7.311	81739	7.8					
	18.0	5.8	13.3	57351	43594	7.135	81698	8.0					
	24.0	11.2	25.9	57909	43654	6.960	81658	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 41: WSMH007 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.6	1.3	Operation Not Recommended					4741	0.503	3024	87	2.8
	1.8	1.1	2.5						5052	0.505	3329	89	2.9
	2.3	1.7	3.9						5363	0.507	3633	90	3.1
30	1.2	0.5	1.3	8607	5581	0.272	9535	31.6	5284	0.510	3545	89	3.0
	1.8	1.0	2.4	8743	5671	0.254	9609	34.5	5595	0.512	3849	91	3.2
	2.3	1.7	3.8	8880	5761	0.235	9682	37.8	5906	0.513	4154	92	3.4
40	1.2	0.5	1.2	8540	5613	0.304	9578	28.1	6351	0.522	4570	93	3.6
	1.8	1.0	2.3	8676	5703	0.286	9651	30.4	6662	0.524	4875	95	3.7
	2.3	1.6	3.7	8812	5793	0.267	9724	33.0	6973	0.526	5179	96	3.9
50	1.2	0.5	1.2	8346	5548	0.342	9513	24.4	7389	0.532	5573	97	4.1
	1.8	1.0	2.3	8482	5638	0.324	9586	26.2	7700	0.534	5878	98	4.2
	2.3	1.6	3.6	8618	5728	0.305	9659	28.2	8010	0.536	6182	100	4.4
60	1.2	0.5	1.2	8049	5412	0.386	9365	20.9	8392	0.540	6548	101	4.6
	1.8	1.0	2.2	8186	5502	0.367	9438	22.3	8703	0.542	6853	102	4.7
	2.3	1.5	3.5	8322	5592	0.349	9512	23.9	9014	0.544	7157	103	4.9
70	1.2	0.5	1.1	7670	5225	0.435	9154	17.6	9357	0.547	7491	104	5.0
	1.8	0.9	2.2	7806	5315	0.417	9228	18.7	9668	0.549	7796	106	5.2
	2.3	1.5	3.5	7942	5405	0.398	9301	19.9	9979	0.551	8100	107	5.3
80	1.2	0.5	1.1	7221	4999	0.490	8893	14.7	10278	0.551	8398	108	5.5
	1.8	0.9	2.1	7357	5089	0.472	8966	15.6	10589	0.553	8703	109	5.6
	2.3	1.5	3.4	7493	5179	0.453	9040	16.5	10900	0.555	9007	110	5.8
90	1.2	0.5	1.1	6709	4741	0.551	8588	12.2	11149	0.552	9265	111	5.9
	1.8	0.9	2.1	6846	4832	0.532	8661	12.9	11460	0.554	9569	112	6.1
	2.3	1.4	3.3	6982	4922	0.514	8735	13.6	11771	0.556	9874	113	6.2
100	1.2	0.5	1.1	6138	4451	0.616	8240	10.0	Operation Not Recommended				
	1.8	0.9	2.1	6274	4541	0.597	8313	10.5					
	2.3	1.4	3.3	6411	4631	0.579	8386	11.1					
110	1.2	0.5	1.1	5504	4119	0.685	7842	8.0					
	1.8	0.9	2.1	5640	4209	0.667	7915	8.5					
	2.3	1.4	3.3	5776	4299	0.648	7989	8.9					
120	1.2	0.5	1.1	4797	3732	0.758	7384	6.3					
	1.8	0.9	2.0	4933	3822	0.740	7457	6.7					
	2.3	1.4	3.2	5070	3912	0.721	7530	7.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 42: WSMH009 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.6	Operation Not Recommended					7152	0.797	4432	92	2.6
	2.3	1.5	3.4						7694	0.809	4932	94	2.8
	3.0	2.4	5.6						8235	0.822	5431	95	2.9
30	1.5	0.7	1.6	12802	7517	0.465	14389	27.5	7926	0.816	5143	94	2.8
	2.3	1.4	3.3	12905	7558	0.438	14398	29.5	8467	0.828	5643	96	3.0
	3.0	2.4	5.5	13007	7600	0.411	14408	31.7	9008	0.840	6142	98	3.1
40	1.5	0.7	1.6	12236	7575	0.505	13959	24.2	9428	0.851	6524	99	3.2
	2.3	1.4	3.2	12339	7616	0.478	13969	25.8	9969	0.863	7023	101	3.4
	3.0	2.3	5.3	12442	7658	0.450	13978	27.6	10510	0.875	7523	102	3.5
50	1.5	0.7	1.5	11670	7369	0.562	13589	20.8	10872	0.885	7852	103	3.6
	2.3	1.4	3.1	11773	7410	0.535	13599	22.0	11414	0.897	8352	105	3.7
	3.0	2.3	5.2	11876	7452	0.508	13609	23.4	11955	0.909	8852	107	3.9
60	1.5	0.6	1.5	11105	7030	0.630	13256	17.6	12262	0.917	9133	108	3.9
	2.3	1.3	3.1	11207	7072	0.603	13265	18.6	12803	0.929	9633	109	4.0
	3.0	2.2	5.1	11310	7113	0.576	13275	19.6	13345	0.941	10133	111	4.2
70	1.5	0.6	1.5	10539	6656	0.704	12942	15.0	13599	0.947	10369	112	4.2
	2.3	1.3	3.0	10642	6697	0.677	12952	15.7	14141	0.959	10869	113	4.3
	3.0	2.2	5.0	10744	6739	0.650	12962	16.5	14682	0.971	11368	115	4.4
80	1.5	0.6	1.4	9973	6304	0.781	12640	12.8	14887	0.974	11564	116	4.5
	2.3	1.3	2.9	10076	6345	0.754	12649	13.4	15428	0.986	12064	117	4.6
	3.0	2.1	4.9	10179	6387	0.727	12659	14.0	15969	0.998	12563	119	4.7
90	1.5	0.6	1.4	9408	5998	0.861	12347	10.9	16126	0.998	12721	119	4.7
	2.3	1.3	2.9	9510	6040	0.834	12356	11.4	16667	1.010	13221	121	4.8
	3.0	2.1	4.8	9613	6081	0.807	12366	11.9	17208	1.022	13721	123	4.9
100	1.5	0.6	1.4	8842	5725	0.946	12069	9.3	Operation Not Recommended				
	2.3	1.2	2.9	8945	5767	0.919	12079	9.7					
	3.0	2.1	4.7	9047	5809	0.891	12089	10.2					
110	1.5	0.6	1.4	8276	5436	1.039	11821	8.0					
	2.3	1.2	2.8	8379	5477	1.011	11830	8.3					
	3.0	2.0	4.7	8482	5519	0.984	11840	8.6					
120	1.5	0.6	1.4	7711	5043	1.146	11621	6.7					
	2.3	1.2	2.8	7813	5084	1.119	11631	7.0					
	3.0	2.0	4.6	7916	5126	1.092	11641	7.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 43: WSMH012 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.3	3.0	Operation Not Recommended					9733	0.997	6331	92	2.9
	3.0	2.5	5.8						10370	1.014	6908	94	3.0
	4.0	4.0	9.2						11006	1.032	7486	95	3.1
30	2.0	1.3	3.0	16316	10252	0.602	18371	27.1	10654	1.025	7157	95	3.0
	3.0	2.5	5.7	16453	10329	0.562	18370	29.3	11291	1.042	7734	96	3.2
	4.0	3.9	9.0	16591	10406	0.521	18369	31.8	11928	1.060	8312	97	3.3
40	2.0	1.2	2.9	16221	10226	0.662	18481	24.5	12514	1.080	8831	99	3.4
	3.0	2.4	5.5	16359	10303	0.622	18481	26.3	13151	1.097	9408	100	3.5
	4.0	3.8	8.8	16496	10380	0.582	18480	28.4	13788	1.115	9985	102	3.6
50	2.0	1.2	2.8	15888	10091	0.735	18395	21.6	14373	1.132	10510	103	3.7
	3.0	2.3	5.4	16026	10168	0.694	18394	23.1	15010	1.150	11087	105	3.8
	4.0	3.7	8.5	16163	10244	0.654	18394	24.7	15647	1.167	11664	106	3.9
60	2.0	1.2	2.7	15388	9862	0.817	18176	18.8	16202	1.182	12169	107	4.0
	3.0	2.3	5.2	15525	9939	0.777	18175	20.0	16839	1.200	12746	109	4.1
	4.0	3.6	8.3	15662	10016	0.736	18175	21.3	17476	1.217	13323	110	4.2
70	2.0	1.2	2.7	14774	9559	0.908	17873	16.3	17972	1.229	13780	111	4.3
	3.0	2.2	5.1	14911	9635	0.868	17873	17.2	18609	1.246	14357	113	4.4
	4.0	3.5	8.1	15048	9712	0.828	17872	18.2	19246	1.264	14935	114	4.5
80	2.0	1.1	2.6	14082	9196	1.008	17520	14.0	19655	1.271	15318	115	4.5
	3.0	2.2	5.0	14219	9273	0.967	17519	14.7	20292	1.288	15896	117	4.6
	4.0	3.5	8.0	14356	9350	0.927	17519	15.5	20929	1.306	16473	118	4.7
90	2.0	1.1	2.6	13332	8793	1.115	17135	12.0	21221	1.309	16757	119	4.8
	3.0	2.1	4.9	13469	8870	1.074	17134	12.5	21858	1.326	17334	120	4.8
	4.0	3.4	7.9	13606	8946	1.034	17133	13.2	22495	1.344	17911	122	4.9
100	2.0	1.1	2.5	12526	8366	1.229	16720	10.2	Operation Not Recommended				
	3.0	2.1	4.9	12663	8442	1.189	16720	10.6					
	4.0	3.4	7.8	12800	8519	1.149	16719	11.1					
110	2.0	1.1	2.5	11649	7932	1.353	16265	8.6					
	3.0	2.1	4.8	11786	8009	1.312	16264	9.0					
	4.0	3.3	7.7	11923	8085	1.272	16264	9.4					
120	2.0	1.1	2.5	10670	7509	1.486	15741	7.2					
	3.0	2.1	4.8	10807	7585	1.446	15741	7.5					
	4.0	3.3	7.6	10944	7662	1.405	15740	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 44: WSMH015 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.5	3.4	Operation Not Recommended					10267	0.955	7006	89	3.1
	3.8	2.9	6.6						10947	0.967	7647	90	3.3
	5.0	4.6	10.7						11628	0.979	8288	91	3.5
30	2.5	1.4	3.3	17559	11382	0.529	19364	33.2	11358	0.978	8021	91	3.4
	3.8	2.8	6.5	17768	11511	0.492	19448	36.1	12039	0.990	8662	92	3.6
	5.0	4.6	10.5	17977	11641	0.456	19531	39.5	12720	1.001	9303	93	3.7
40	2.5	1.4	3.2	17882	11542	0.567	19816	31.5	13577	1.021	10091	95	3.9
	3.8	2.7	6.3	18091	11672	0.530	19899	34.1	14257	1.033	10732	96	4.0
	5.0	4.4	10.2	18300	11802	0.493	19983	37.1	14938	1.045	11373	98	4.2
50	2.5	1.4	3.1	17758	11484	0.637	19933	27.9	15816	1.063	12190	99	4.4
	3.8	2.7	6.2	17967	11614	0.601	20016	29.9	16496	1.074	12831	100	4.5
	5.0	4.3	9.9	18176	11744	0.564	20100	32.2	17177	1.086	13472	102	4.6
60	2.5	1.3	3.1	17274	11251	0.729	19760	23.7	18045	1.101	14288	103	4.8
	3.8	2.6	6.0	17483	11380	0.692	19843	25.3	18725	1.113	14928	104	4.9
	5.0	4.2	9.7	17692	11510	0.655	19927	27.0	19406	1.125	15569	106	5.1
70	2.5	1.3	3.0	16513	10885	0.832	19353	19.8	20234	1.137	16354	107	5.2
	3.8	2.5	5.9	16722	11014	0.795	19437	21.0	20914	1.149	16995	109	5.3
	5.0	4.1	9.5	16932	11144	0.759	19520	22.3	21595	1.160	17636	110	5.5
80	2.5	1.3	2.9	15563	10429	0.943	18783	16.5	22352	1.169	18361	111	5.6
	3.8	2.5	5.8	15772	10559	0.907	18866	17.4	23032	1.181	19002	112	5.7
	5.0	4.0	9.3	15982	10688	0.870	18949	18.4	23713	1.193	19643	114	5.8
90	2.5	1.3	2.9	14509	9927	1.061	18128	13.7	24368	1.199	20278	115	6.0
	3.8	2.5	5.7	14718	10057	1.024	18211	14.4	25048	1.210	20919	116	6.1
	5.0	4.0	9.2	14927	10187	0.987	18295	15.1	25729	1.222	21559	117	6.2
100	2.5	1.2	2.8	13436	9423	1.186	17482	11.3	Operation Not Recommended				
	3.8	2.4	5.6	13645	9552	1.149	17565	11.9					
	5.0	3.9	9.0	13854	9682	1.112	17648	12.5					
110	2.5	1.2	2.8	12429	8958	1.324	16948	9.4					
	3.8	2.4	5.5	12638	9087	1.288	17032	9.8					
	5.0	3.9	8.9	12847	9217	1.251	17115	10.3					
120	2.5	1.2	2.8	11575	8576	1.486	16644	7.8					
	3.8	2.4	5.5	11784	8705	1.449	16727	8.1					
	5.0	3.8	8.9	11993	8835	1.412	16810	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 45: WSMH019 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.0	4.6	Operation Not Recommended					13192	1.248	8935	90	3.1
	4.5	3.9	9.0						14001	1.267	9679	91	3.2
	6.0	6.3	14.5						14810	1.286	10423	93	3.4
30	3.0	1.9	4.5	22266	14256	0.674	24566	33.0	14535	1.280	10168	92	3.3
	4.5	3.8	8.8	22772	14496	0.617	24877	36.9	15344	1.299	10912	94	3.5
	6.0	6.2	14.3	23277	14735	0.560	25189	41.6	16153	1.318	11656	95	3.6
40	3.0	1.9	4.4	22232	14336	0.772	24865	28.8	17161	1.343	12578	96	3.7
	4.5	3.7	8.6	22738	14576	0.715	25177	31.8	17970	1.362	13323	98	3.9
	6.0	6.0	13.8	23243	14815	0.658	25488	35.3	18780	1.381	14067	99	4.0
50	3.0	1.8	4.2	21908	14226	0.882	24918	24.8	19708	1.404	14917	100	4.1
	4.5	3.6	8.3	22414	14466	0.825	25230	27.2	20518	1.423	15661	101	4.2
	6.0	5.8	13.5	22920	14705	0.768	25541	29.8	21327	1.442	16405	103	4.3
60	3.0	1.8	4.1	21335	13958	1.003	24757	21.3	22177	1.462	17187	104	4.4
	4.5	3.5	8.1	21841	14198	0.946	25069	23.1	22986	1.481	17932	105	4.5
	6.0	5.7	13.2	22346	14437	0.889	25380	25.1	23796	1.500	18676	107	4.6
70	3.0	1.8	4.1	20553	13564	1.133	24419	18.1	24567	1.517	19393	108	4.7
	4.5	3.5	8.0	21059	13804	1.076	24731	19.6	25377	1.536	20137	109	4.8
	6.0	5.6	12.9	21564	14043	1.019	25042	21.2	26186	1.555	20881	110	4.9
80	3.0	1.7	4.0	19603	13077	1.272	23943	15.4	26880	1.566	21536	111	5.0
	4.5	3.4	7.8	20109	13316	1.215	24255	16.5	27689	1.585	22280	112	5.1
	6.0	5.5	12.6	20614	13556	1.158	24566	17.8	28499	1.604	23025	114	5.2
90	3.0	1.7	3.9	18525	12529	1.420	23371	13.0	29115	1.610	23621	115	5.3
	4.5	3.3	7.7	19030	12768	1.363	23682	14.0	29925	1.629	24365	116	5.4
	6.0	5.4	12.4	19536	13008	1.306	23994	15.0	30734	1.648	25110	117	5.5
100	3.0	1.7	3.9	17359	11952	1.579	22747	11.0	Operation Not Recommended				
	4.5	3.3	7.6	17865	12191	1.522	23058	11.7					
	6.0	5.3	12.3	18370	12431	1.465	23370	12.5					
110	3.0	1.7	3.8	16147	11379	1.750	22119	9.2					
	4.5	3.3	7.5	16652	11618	1.693	22430	9.8					
	6.0	5.3	12.1	17158	11858	1.636	22742	10.5					
120	3.0	1.6	3.8	14928	10842	1.937	21537	7.7					
	4.5	3.2	7.4	15434	11081	1.880	21848	8.2					
	6.0	5.2	12.0	15939	11321	1.823	22160	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 46: WSMH024 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.8	6.5	Operation Not Recommended					15780	1.503	10653	88	3.1
	6.0	4.9	11.2						16797	1.524	11597	89	3.2
	8.0	7.2	16.6						17814	1.545	12542	90	3.4
30	4.0	2.8	6.4	26763	18518	0.955	30023	28.0	17437	1.531	12213	90	3.3
	6.0	4.8	11.1	26913	18601	0.895	29969	30.1	18453	1.552	13157	91	3.5
	8.0	7.1	16.3	27063	18683	0.836	29915	32.4	19470	1.573	14102	92	3.6
40	4.0	2.7	6.2	27732	18929	1.029	31245	26.9	20767	1.588	15349	94	3.8
	6.0	4.7	10.7	27882	19012	0.970	31191	28.8	21784	1.609	16294	95	4.0
	8.0	6.9	15.9	28032	19094	0.910	31137	30.8	22800	1.630	17238	96	4.1
50	4.0	2.6	6.0	27668	18997	1.132	31531	24.4	24109	1.646	18492	98	4.3
	6.0	4.5	10.5	27818	19079	1.072	31477	25.9	25125	1.667	19436	99	4.4
	8.0	6.7	15.5	27968	19162	1.013	31423	27.6	26142	1.688	20381	100	4.5
60	4.0	2.6	5.9	26990	18787	1.256	31277	21.5	27447	1.707	21622	102	4.7
	6.0	4.4	10.2	27140	18869	1.197	31223	22.7	28464	1.728	22567	103	4.8
	8.0	6.5	15.1	27290	18952	1.137	31169	24.0	29481	1.750	23511	104	4.9
70	4.0	2.5	5.8	26004	18366	1.399	30778	18.6	30768	1.772	24721	105	5.1
	6.0	4.3	10.0	26154	18448	1.339	30724	19.5	31785	1.793	25665	107	5.2
	8.0	6.4	14.8	26304	18531	1.279	30670	20.6	32802	1.815	26610	108	5.3
80	4.0	2.5	5.7	24908	17800	1.560	30230	16.0	34056	1.842	27770	109	5.4
	6.0	4.3	9.8	25058	17883	1.500	30176	16.7	35073	1.864	28714	110	5.5
	8.0	6.3	14.5	25208	17965	1.440	30122	17.5	36090	1.885	29659	112	5.6
90	4.0	2.4	5.6	23786	17156	1.742	29730	13.7	37298	1.919	30750	113	5.7
	6.0	4.2	9.6	23936	17238	1.683	29677	14.2	38314	1.940	31694	114	5.8
	8.0	6.2	14.2	24086	17321	1.623	29623	14.8	39331	1.961	32638	115	5.9
100	4.0	2.4	5.5	22612	16500	1.953	29277	11.6	Operation Not Recommended				
	6.0	4.1	9.5	22762	16582	1.894	29223	12.0					
	8.0	6.1	14.1	22912	16665	1.834	29169	12.5					
110	4.0	2.4	5.4	21249	15898	2.203	28767	9.6					
	6.0	4.1	9.4	21399	15981	2.143	28713	10.0					
	8.0	6.0	13.9	21549	16063	2.084	28659	10.3					
120	4.0	2.3	5.4	19451	15417	2.505	28000	7.8					
	6.0	4.0	9.3	19601	15499	2.446	27946	8.0					
	8.0	6.0	13.8	19751	15582	2.386	27892	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 47: WSMH030 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	2.5	5.9	Operation Not Recommended					19430	1.802	13283	88	3.2
	7.5	4.9	11.3						20412	1.819	14204	89	3.3
	10.0	7.8	18.0						21394	1.837	15125	90	3.4
30	5.0	2.5	5.8	32305	22053	1.168	36289	27.7	21109	1.828	14873	89	3.4
	7.5	4.8	11.1	32527	22127	1.104	36293	29.5	22091	1.846	15794	90	3.5
	10.0	7.7	17.7	32749	22202	1.040	36297	31.5	23073	1.864	16715	91	3.6
40	5.0	2.4	5.6	32279	22237	1.243	36522	26.0	24614	1.885	18183	93	3.8
	7.5	4.7	10.8	32501	22311	1.180	36526	27.6	25596	1.903	19104	94	3.9
	10.0	7.5	17.2	32723	22386	1.116	36530	29.3	26578	1.921	20024	94	4.1
50	5.0	2.4	5.5	31666	22162	1.347	36261	23.5	28245	1.947	21601	96	4.3
	7.5	4.6	10.5	31888	22236	1.283	36265	24.9	29227	1.965	22522	97	4.4
	10.0	7.3	16.8	32110	22311	1.219	36269	26.3	30209	1.983	23443	98	4.5
60	5.0	2.3	5.3	30690	21868	1.474	35719	20.8	31919	2.013	25050	99	4.6
	7.5	4.5	10.3	30912	21943	1.410	35723	21.9	32901	2.031	25971	100	4.7
	10.0	7.1	16.4	31134	22017	1.346	35727	23.1	33883	2.049	26892	101	4.8
70	5.0	2.3	5.2	29511	21396	1.626	35058	18.2	35552	2.082	28449	103	5.0
	7.5	4.4	10.0	29733	21470	1.562	35062	19.0	36534	2.100	29370	104	5.1
	10.0	6.9	16.0	29955	21545	1.498	35066	20.0	37516	2.117	30291	105	5.2
80	5.0	2.2	5.1	28227	20784	1.806	34389	15.6	39061	2.151	31721	106	5.3
	7.5	4.3	9.9	28449	20859	1.742	34393	16.3	40043	2.169	32642	107	5.4
	10.0	6.8	15.7	28671	20934	1.678	34397	17.1	41025	2.187	33563	108	5.5
90	5.0	2.2	5.0	26874	20074	2.022	33775	13.3	42361	2.220	34786	109	5.6
	7.5	4.2	9.7	27096	20149	1.959	33779	13.8	43343	2.238	35707	110	5.7
	10.0	6.7	15.5	27318	20224	1.895	33783	14.4	44325	2.256	36628	111	5.8
100	5.0	2.2	5.0	25426	19306	2.287	33228	11.1	Operation Not Recommended				
	7.5	4.1	9.6	25648	19380	2.223	33232	11.5					
	10.0	6.6	15.2	25870	19455	2.159	33236	12.0					
110	5.0	2.1	4.9	23795	18518	2.613	32712	9.1					
	7.5	4.1	9.5	24017	18593	2.549	32716	9.4					
	10.0	6.5	15.1	24239	18668	2.486	32720	9.8					
120	5.0	2.1	4.9	21830	17752	3.021	32139	7.2					
	7.5	4.1	9.4	22052	17827	2.957	32143	7.5					
	10.0	6.5	14.9	22273	17902	2.894	32147	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 48: WSMH036 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					26355	2.452	17987	90	3.1
	9.0	3.3	7.6						27967	2.496	19451	91	3.3
	12.0	5.6	13.0						29580	2.539	20915	93	3.4
30	6.0	1.5	3.5	36679	25641	1.534	41912	23.9	28894	2.500	20363	92	3.4
	9.0	3.2	7.5	36565	25645	1.435	41461	25.5	30506	2.544	21827	93	3.5
	12.0	5.5	12.8	36450	25648	1.336	41010	27.3	32118	2.587	23290	95	3.6
40	6.0	1.5	3.4	39367	27189	1.645	44982	23.9	34090	2.610	25184	96	3.8
	9.0	3.2	7.3	39253	27193	1.547	44531	25.4	35702	2.654	26648	97	3.9
	12.0	5.4	12.4	39138	27196	1.448	44080	27.0	37315	2.697	28112	99	4.1
50	6.0	1.4	3.3	40186	27597	1.787	46282	22.5	39307	2.733	29981	100	4.2
	9.0	3.1	7.1	40071	27601	1.688	45831	23.7	40920	2.777	31445	101	4.3
	12.0	5.2	12.1	39957	27604	1.590	45381	25.1	42532	2.820	32909	103	4.4
60	6.0	1.4	3.3	39781	27333	1.954	46450	20.4	44382	2.863	34614	104	4.5
	9.0	3.0	6.9	39666	27337	1.856	45999	21.4	45994	2.906	36078	105	4.6
	12.0	5.1	11.8	39552	27341	1.757	45548	22.5	47607	2.950	37542	107	4.7
70	6.0	1.4	3.2	38648	26746	2.148	45979	18.0	49150	2.992	38942	108	4.8
	9.0	2.9	6.8	38534	26750	2.050	45528	18.8	50762	3.035	40406	109	4.9
	12.0	5.0	11.5	38419	26754	1.951	45077	19.7	52375	3.079	41870	110	5.0
80	6.0	1.4	3.1	37139	26064	2.371	45229	15.7	53447	3.113	42825	111	5.0
	9.0	2.9	6.6	37025	26068	2.272	44778	16.3	55059	3.156	44289	112	5.1
	12.0	4.9	11.3	36910	26072	2.174	44327	17.0	56672	3.200	45753	113	5.2
90	6.0	1.3	3.1	35455	25396	2.627	44417	13.5	57109	3.220	46123	114	5.2
	9.0	2.8	6.5	35340	25399	2.528	43966	14.0	58721	3.263	47586	115	5.3
	12.0	4.8	11.1	35226	25403	2.429	43515	14.5	60334	3.307	49050	116	5.3
100	6.0	1.3	3.0	33650	24729	2.923	43624	11.5	Operation Not Recommended				
	9.0	2.8	6.4	33535	24732	2.825	43173	11.9					
	12.0	4.8	11.0	33421	24736	2.726	42722	12.3					
110	6.0	1.3	3.0	31631	23932	3.270	42790	9.7					
	9.0	2.8	6.4	31517	23936	3.172	42339	9.9					
	12.0	4.7	10.9	31402	23939	3.073	41888	10.2					
120	6.0	1.3	3.0	29159	22755	3.681	41718	7.9					
	9.0	2.7	6.3	29044	22758	3.582	41267	8.1					
	12.0	4.7	10.8	28930	22762	3.484	40816	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 49: WSMH042 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					28425	2.725	19126	89	3.1
	10.5	4.4	10.1						29840	2.771	20386	90	3.2
	14.0	7.5	17.3						31256	2.817	21646	91	3.3
30	7.0	2.0	4.7	40818	28120	1.777	46880	23.0	30977	2.767	21536	90	3.3
	10.5	4.3	10.0	41021	28206	1.680	46754	24.4	32392	2.813	22796	91	3.4
	14.0	7.4	17.0	41224	28292	1.584	46628	26.0	33808	2.858	24056	92	3.5
40	7.0	2.0	4.6	42565	29340	1.895	49031	22.5	36304	2.864	26530	94	3.7
	10.5	4.2	9.7	42768	29426	1.798	48905	23.8	37720	2.910	27790	95	3.8
	14.0	7.2	16.5	42972	29511	1.702	48779	25.2	39135	2.956	29050	96	3.9
50	7.0	1.9	4.4	42532	29447	2.047	49518	20.8	41819	2.976	31663	98	4.1
	10.5	4.1	9.4	42735	29532	1.951	49392	21.9	43234	3.022	32923	98	4.2
	14.0	7.0	16.1	42938	29618	1.854	49265	23.2	44650	3.067	34183	99	4.3
60	7.0	1.9	4.3	41534	28959	2.228	49138	18.6	47388	3.097	36822	101	4.5
	10.5	4.0	9.2	41737	29045	2.132	49011	19.6	48804	3.142	38082	102	4.6
	14.0	6.8	15.7	41940	29131	2.035	48885	20.6	50219	3.188	39342	103	4.6
70	7.0	1.8	4.2	40147	28246	2.436	48460	16.5	52881	3.220	41893	105	4.8
	10.5	3.9	9.0	40350	28332	2.340	48334	17.2	54296	3.266	43153	106	4.9
	14.0	6.7	15.4	40553	28418	2.243	48207	18.1	55711	3.311	44413	107	4.9
80	7.0	1.8	4.2	38705	27525	2.674	47828	14.5	58163	3.341	46764	108	5.1
	10.5	3.8	8.8	38908	27611	2.577	47701	15.1	59579	3.386	48024	109	5.2
	14.0	6.5	15.1	39111	27697	2.481	47575	15.8	60994	3.432	49284	110	5.2
90	7.0	1.8	4.1	37302	26863	2.946	47356	12.7	63104	3.453	51322	112	5.4
	10.5	3.8	8.7	37505	26949	2.850	47229	13.2	64520	3.499	52582	112	5.4
	14.0	6.4	14.8	37708	27035	2.753	47103	13.7	65935	3.544	53842	113	5.5
100	7.0	1.7	4.0	35792	26179	3.265	46931	11.0	Operation Not Recommended				
	10.5	3.7	8.6	35995	26264	3.168	46805	11.4					
	14.0	6.3	14.6	36198	26350	3.071	46679	11.8					
110	7.0	1.7	4.0	33788	25238	3.642	46215	9.3					
	10.5	3.7	8.5	33991	25324	3.545	46089	9.6					
	14.0	6.3	14.5	34194	25410	3.449	45962	9.9					
120	7.0	1.7	4.0	30661	23658	4.096	44639	7.5					
	10.5	3.6	8.4	30864	23744	4.000	44513	7.7					
	14.0	6.2	14.3	31068	23830	3.903	44386	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 50: WSMH048 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					33536	3.145	22804	91	3.1
	12.0	3.7	8.4						35406	3.195	24505	92	3.2
	16.0	6.3	14.6						37276	3.244	26206	93	3.4
30	8.0	1.7	3.8	49810	34711	2.078	56900	24.0	36078	3.204	25145	93	3.3
	12.0	3.6	8.3	49684	34582	1.963	56381	25.3	37948	3.254	26846	94	3.4
	16.0	6.2	14.4	49558	34453	1.848	55863	26.8	39818	3.303	28547	95	3.5
40	8.0	1.6	3.7	50612	34082	2.240	58256	22.6	41785	3.325	30441	96	3.7
	12.0	3.5	8.1	50486	33953	2.125	57738	23.8	43655	3.374	32141	97	3.8
	16.0	6.0	13.9	50361	33824	2.010	57219	25.1	45524	3.424	33842	99	3.9
50	8.0	1.6	3.6	50960	34683	2.420	59219	21.1	48012	3.456	36220	100	4.1
	12.0	3.4	7.9	50834	34554	2.305	58700	22.1	49882	3.505	37921	101	4.2
	16.0	5.9	13.6	50709	34425	2.190	58181	23.2	51752	3.555	39621	102	4.3
60	8.0	1.5	3.5	50667	35465	2.627	59631	19.3	54449	3.603	42153	104	4.4
	12.0	3.3	7.7	50542	35336	2.512	59112	20.1	56319	3.653	43854	105	4.5
	16.0	5.7	13.3	50416	35207	2.396	58593	21.0	58189	3.703	45555	106	4.6
70	8.0	1.5	3.5	49674	35724	2.869	59465	17.3	60851	3.768	47993	108	4.7
	12.0	3.3	7.5	49549	35595	2.754	58946	18.0	62721	3.818	49694	109	4.8
	16.0	5.6	13.0	49423	35466	2.639	58427	18.7	64591	3.868	51394	110	4.9
80	8.0	1.5	3.4	48020	35099	3.157	58792	15.2	67040	3.947	53573	112	5.0
	12.0	3.2	7.4	47895	34970	3.042	58273	15.7	68910	3.996	55273	113	5.1
	16.0	5.5	12.7	47769	34841	2.926	57754	16.3	70780	4.046	56974	114	5.1
90	8.0	1.5	3.4	45815	33570	3.499	57753	13.1	72903	4.131	58809	116	5.2
	12.0	3.1	7.2	45690	33441	3.383	57234	13.5	74773	4.180	60510	117	5.2
	16.0	5.4	12.5	45564	33312	3.268	56716	13.9	76643	4.230	62210	118	5.3
100	8.0	1.4	3.3	43210	31460	3.904	56531	11.1	Operation Not Recommended				
	12.0	3.1	7.1	43084	31331	3.789	56012	11.4					
	16.0	5.4	12.3	42959	31202	3.674	55494	11.7					
110	8.0	1.4	3.3	40367	29435	4.382	55320	9.2					
	12.0	3.1	7.1	40241	29306	4.267	54801	9.4					
	16.0	5.3	12.2	40116	29178	4.152	54282	9.7					
120	8.0	1.4	3.2	37433	28505	4.943	54298	7.6					
	12.0	3.0	7.0	37308	28376	4.827	53779	7.7					
	16.0	5.2	12.1	37182	28247	4.712	53261	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 51: WSMH060 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	5.9	Operation Not Recommended					43161	4.068	29282	90	3.1
	15.0	5.7	13.1						45908	4.143	31770	91	3.2
	20.0	9.9	22.8						48654	4.219	34258	92	3.4
30	10.0	2.5	5.9	63486	43974	2.848	73204	22.3	47230	4.171	32998	92	3.3
	15.0	5.6	12.9	63456	43956	2.687	72623	23.6	49976	4.247	35485	93	3.4
	20.0	9.7	22.5	63426	43938	2.525	72042	25.1	52723	4.323	37973	94	3.6
40	10.0	2.5	5.7	60628	43274	3.036	70987	20.0	55673	4.374	40749	96	3.7
	15.0	5.4	12.5	60598	43256	2.874	70406	21.1	58420	4.450	43237	97	3.8
	20.0	9.5	21.8	60568	43238	2.713	69825	22.3	61166	4.526	45725	98	4.0
50	10.0	2.4	5.5	62550	43648	3.259	73668	19.2	64296	4.579	48672	100	4.1
	15.0	5.3	12.2	62520	43629	3.097	73087	20.2	67042	4.655	51160	101	4.2
	20.0	9.2	21.2	62490	43611	2.935	72506	21.3	69789	4.731	53647	102	4.3
60	10.0	2.3	5.4	64083	44215	3.524	76107	18.2	72894	4.793	56540	104	4.5
	15.0	5.1	11.9	64053	44197	3.362	75526	19.1	75641	4.869	59028	105	4.6
	20.0	9.0	20.7	64023	44178	3.201	74945	20.0	78387	4.945	61516	106	4.6
70	10.0	2.3	5.3	63381	44381	3.840	76484	16.5	81347	5.019	64223	107	4.8
	15.0	5.0	11.6	63351	44363	3.679	75903	17.2	84094	5.094	66711	109	4.8
	20.0	8.8	20.3	63322	44345	3.517	75322	18.0	86840	5.170	69198	110	4.9
80	10.0	2.2	5.2	60759	43837	4.216	75143	14.4	89615	5.255	71684	111	5.0
	15.0	4.9	11.4	60729	43819	4.054	74562	15.0	92362	5.331	74171	113	5.1
	20.0	8.6	19.9	60699	43801	3.892	73981	15.6	95108	5.407	76659	114	5.2
90	10.0	2.2	5.1	57528	42557	4.658	73422	12.3	97740	5.498	78980	115	5.2
	15.0	4.9	11.2	57498	42539	4.497	72841	12.8	100487	5.574	81468	116	5.3
	20.0	8.5	19.6	57469	42521	4.335	72261	13.3	103233	5.650	83956	118	5.4
100	10.0	2.2	5.0	54834	40803	5.176	72496	10.6	Operation Not Recommended				
	15.0	4.8	11.1	54804	40785	5.015	71915	10.9					
	20.0	8.4	19.3	54774	40767	4.853	71334	11.3					
110	10.0	2.2	5.0	52493	39118	5.778	72208	9.1					
	15.0	4.7	10.9	52464	39100	5.616	71627	9.3					
	20.0	8.3	19.1	52434	39082	5.455	71046	9.6					
120	10.0	2.1	4.9	47831	38333	6.471	69911	7.4					
	15.0	4.7	10.8	47802	38315	6.309	69330	7.6					
	20.0	8.2	18.9	47772	38297	6.148	68749	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Horizontal Units - EC Motor

Table 52: WSCH007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.5	1.1	Operation Not Recommended					4326	0.474	2709	86	2.7
	1.8	0.9	2.0						4543	0.475	2921	87	2.8
	2.3	1.4	3.2						4759	0.476	3133	88	2.9
30	1.2	0.5	1.0	8058	5405	0.227	8832	35.5	4803	0.482	3160	88	2.9
	1.8	0.9	2.0	8137	5443	0.214	8867	38.0	5020	0.483	3372	88	3.0
	2.3	1.4	3.2	8215	5480	0.201	8902	40.8	5236	0.484	3584	89	3.2
40	1.2	0.4	1.0	8273	5586	0.263	9171	31.4	5812	0.496	4120	91	3.4
	1.8	0.8	1.9	8352	5623	0.250	9206	33.4	6029	0.497	4332	92	3.6
	2.3	1.3	3.1	8431	5661	0.238	9241	35.5	6245	0.498	4545	93	3.7
50	1.2	0.4	1.0	8186	5581	0.304	9221	27.0	6871	0.508	5137	95	4.0
	1.8	0.8	1.9	8264	5619	0.291	9257	28.4	7087	0.509	5349	96	4.1
	2.3	1.3	3.0	8343	5656	0.278	9292	30.0	7303	0.511	5561	97	4.2
60	1.2	0.4	1.0	7889	5454	0.349	9079	22.6	7949	0.518	6181	99	4.5
	1.8	0.8	1.8	7967	5492	0.336	9114	23.7	8166	0.519	6393	100	4.6
	2.3	1.3	2.9	8046	5529	0.323	9149	24.9	8382	0.521	6605	101	4.7
70	1.2	0.4	0.9	7458	5254	0.399	8820	18.7	9020	0.526	7224	103	5.0
	1.8	0.8	1.8	7536	5291	0.386	8855	19.5	9236	0.528	7436	104	5.1
	2.3	1.2	2.9	7615	5329	0.374	8890	20.4	9452	0.529	7648	105	5.2
80	1.2	0.4	0.9	6949	5012	0.455	8501	15.3	10054	0.532	8237	107	5.5
	1.8	0.8	1.8	7027	5050	0.442	8537	15.9	10270	0.534	8449	108	5.6
	2.3	1.2	2.8	7106	5087	0.430	8572	16.5	10486	0.535	8661	109	5.7
90	1.2	0.4	0.9	6398	4748	0.517	8163	12.4	11022	0.536	9192	111	6.0
	1.8	0.8	1.7	6476	4785	0.505	8198	12.8	11239	0.538	9404	111	6.1
	2.3	1.2	2.8	6555	4823	0.492	8233	13.3	11455	0.539	9616	112	6.2
100	1.2	0.4	0.9	5822	4462	0.586	7822	9.9	Operation Not Recommended				
	1.8	0.7	1.7	5901	4499	0.573	7858	10.3					
	2.3	1.2	2.7	5979	4537	0.561	7893	10.7					
110	1.2	0.4	0.9	5221	4142	0.662	7480	7.9					
	1.8	0.7	1.7	5299	4180	0.649	7515	8.2					
	2.3	1.2	2.7	5378	4217	0.637	7551	8.4					
120	1.2	0.4	0.9	4572	3760	0.746	7117	6.1					
	1.8	0.7	1.7	4651	3797	0.733	7152	6.3					
	2.3	1.2	2.7	4729	3835	0.720	7187	6.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 53: WSCH009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.6	Operation Not Recommended					6632	0.740	4106	90	2.6
	2.3	1.3	3.0						7119	0.753	4551	92	2.8
	3.0	2.1	4.8						7606	0.765	4996	93	2.9
30	1.5	0.7	1.6	12224	7283	0.409	13619	29.9	7202	0.758	4616	92	2.8
	2.3	1.3	3.0	12358	7356	0.377	13645	32.8	7689	0.770	5061	94	2.9
	3.0	2.1	4.8	12491	7428	0.346	13671	36.1	8176	0.782	5506	95	3.1
40	1.5	0.7	1.5	12042	7316	0.457	13601	26.4	8607	0.793	5902	96	3.2
	2.3	1.3	2.9	12176	7388	0.425	13627	28.6	9093	0.805	6347	98	3.3
	3.0	2.0	4.6	12309	7461	0.394	13653	31.3	9580	0.817	6792	99	3.4
50	1.5	0.6	1.5	11587	7075	0.517	13351	22.4	10151	0.827	7330	101	3.6
	2.3	1.2	2.8	11720	7148	0.485	13377	24.1	10637	0.839	7775	103	3.7
	3.0	1.9	4.5	11853	7220	0.454	13402	26.1	11124	0.851	8220	104	3.8
60	1.5	0.6	1.4	11003	6718	0.587	13004	18.8	11645	0.858	8715	106	4.0
	2.3	1.2	2.8	11136	6791	0.555	13030	20.1	12131	0.871	9160	107	4.1
	3.0	1.9	4.4	11269	6863	0.524	13056	21.5	12618	0.883	9605	109	4.2
70	1.5	0.6	1.4	10389	6355	0.663	12652	15.7	12976	0.887	9949	110	4.3
	2.3	1.2	2.7	10522	6427	0.632	12678	16.7	13462	0.899	10394	111	4.4
	3.0	1.9	4.3	10655	6500	0.600	12704	17.7	13949	0.912	10839	113	4.5
80	1.5	0.6	1.4	9801	6045	0.745	12342	13.2	14108	0.911	10999	113	4.5
	2.3	1.1	2.7	9934	6118	0.713	12368	13.9	14595	0.923	11444	115	4.6
	3.0	1.8	4.2	10067	6190	0.682	12394	14.8	15081	0.936	11889	116	4.7
90	1.5	0.6	1.4	9249	5803	0.828	12076	11.2	15082	0.930	11910	116	4.8
	2.3	1.1	2.6	9382	5875	0.797	12102	11.8	15569	0.942	12355	118	4.8
	3.0	1.8	4.1	9515	5948	0.766	12128	12.4	16056	0.954	12800	119	4.9
100	1.5	0.6	1.3	8699	5592	0.912	11810	9.5	Operation Not Recommended				
	2.3	1.1	2.6	8832	5665	0.881	11836	10.0					
	3.0	1.8	4.1	8965	5737	0.849	11862	10.6					
110	1.5	0.6	1.3	8071	5329	0.993	11459	8.1					
	2.3	1.1	2.5	8204	5402	0.961	11485	8.5					
	3.0	1.8	4.0	8337	5474	0.930	11510	9.0					
120	1.5	0.6	1.3	7243	4883	1.069	10889	6.8					
	2.3	1.1	2.5	7376	4955	1.037	10915	7.1					
	3.0	1.7	4.0	7509	5028	1.006	10940	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 54: WSCH012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.1	2.5	Operation Not Recommended					9149	0.961	5871	91	2.8
	3.0	2.1	4.8						9521	0.972	6205	92	2.9
	4.0	3.3	7.7						9893	0.983	6538	93	2.9
30	2.0	1.1	2.5	15998	10512	0.516	17759	31.0	10025	0.988	6655	93	3.0
	3.0	2.1	4.8	16102	10521	0.490	17775	32.9	10397	0.999	6988	94	3.1
	4.0	3.3	7.5	16206	10531	0.464	17790	34.9	10769	1.010	7322	95	3.1
40	2.0	1.0	2.4	15767	10331	0.594	17793	26.6	11852	1.047	8280	97	3.3
	3.0	2.0	4.6	15871	10341	0.568	17808	28.0	12224	1.058	8613	98	3.4
	4.0	3.2	7.3	15975	10351	0.542	17823	29.5	12596	1.070	8946	99	3.5
50	2.0	1.0	2.3	15390	10119	0.676	17695	22.8	13730	1.111	9940	102	3.6
	3.0	1.9	4.5	15494	10129	0.650	17710	23.9	14102	1.122	10274	102	3.7
	4.0	3.1	7.1	15598	10139	0.623	17726	25.0	14474	1.133	10607	103	3.7
60	2.0	1.0	2.3	14880	9869	0.762	17482	19.5	15598	1.175	11590	106	3.9
	3.0	1.9	4.4	14984	9879	0.736	17497	20.3	15970	1.186	11923	107	3.9
	4.0	3.0	7.0	15088	9889	0.710	17512	21.2	16342	1.197	12257	108	4.0
70	2.0	1.0	2.2	14249	9575	0.855	17166	16.7	17398	1.236	13182	110	4.1
	3.0	1.9	4.3	14353	9585	0.829	17181	17.3	17770	1.247	13515	111	4.2
	4.0	3.0	6.8	14457	9595	0.803	17196	18.0	18142	1.258	13848	112	4.2
80	2.0	1.0	2.2	13508	9230	0.954	16761	14.2	19070	1.290	14668	114	4.3
	3.0	1.8	4.2	13611	9240	0.928	16776	14.7	19442	1.302	15001	115	4.4
	4.0	2.9	6.7	13715	9250	0.901	16791	15.2	19814	1.313	15334	116	4.4
90	2.0	0.9	2.2	12668	8828	1.059	16282	12.0	20554	1.334	16001	117	4.5
	3.0	1.8	4.1	12772	8838	1.033	16297	12.4	20926	1.346	16334	118	4.6
	4.0	2.9	6.6	12876	8847	1.007	16312	12.8	21298	1.357	16668	119	4.6
100	2.0	0.9	2.1	11743	8362	1.172	15742	10.0	Operation Not Recommended				
	3.0	1.8	4.1	11847	8372	1.146	15757	10.3					
	4.0	2.8	6.5	11951	8381	1.120	15772	10.7					
110	2.0	0.9	2.1	10744	7826	1.293	15155	8.3					
	3.0	1.8	4.0	10848	7835	1.267	15170	8.6					
	4.0	2.8	6.4	10952	7845	1.241	15185	8.8					
120	2.0	0.9	2.1	9682	7213	1.422	14535	6.8					
	3.0	1.7	4.0	9786	7223	1.396	14550	7.0					
	4.0	2.8	6.4	9890	7233	1.370	14565	7.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 55: WSCH015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.7	4.0	Operation Not Recommended					10261	1.024	6767	89	2.9
	3.8	3.3	7.7						10670	1.027	7164	90	3.0
	5.0	5.3	12.2						11079	1.031	7561	90	3.1
30	2.5	1.7	3.9	17628	11479	0.537	19462	32.8	11324	1.039	7779	91	3.2
	3.8	3.3	7.5	17716	11534	0.517	19479	34.3	11733	1.043	8175	92	3.3
	5.0	5.2	12.0	17803	11588	0.496	19496	35.9	12142	1.046	8572	92	3.4
40	2.5	1.7	3.8	18195	11450	0.595	20224	30.6	13345	1.067	9706	95	3.7
	3.8	3.2	7.3	18283	11504	0.574	20241	31.9	13754	1.070	10103	95	3.8
	5.0	5.0	11.6	18370	11558	0.553	20258	33.2	14163	1.074	10499	96	3.9
50	2.5	1.6	3.7	17631	11291	0.667	19906	26.4	15338	1.091	11616	98	4.1
	3.8	3.1	7.1	17718	11345	0.646	19923	27.4	15747	1.094	12013	99	4.2
	5.0	4.9	11.3	17806	11399	0.626	19940	28.5	16156	1.098	12410	100	4.3
60	2.5	1.6	3.6	16739	11029	0.751	19302	22.3	17385	1.111	13593	102	4.6
	3.8	3.0	7.0	16826	11083	0.731	19319	23.0	17794	1.115	13989	103	4.7
	5.0	4.8	11.1	16913	11137	0.710	19336	23.8	18203	1.118	14386	104	4.8
70	2.5	1.5	3.6	15900	10691	0.846	18785	18.8	19509	1.129	15658	106	5.1
	3.8	3.0	6.8	15988	10745	0.825	18803	19.4	19918	1.132	16054	107	5.2
	5.0	4.7	10.8	16075	10799	0.804	18820	20.0	20326	1.136	16451	107	5.2
80	2.5	1.5	3.5	15198	10303	0.947	18430	16.0	21674	1.142	17776	110	5.6
	3.8	2.9	6.7	15285	10357	0.927	18448	16.5	22083	1.146	18173	111	5.6
	5.0	4.6	10.6	15373	10411	0.906	18465	17.0	22492	1.149	18570	111	5.7
90	2.5	1.5	3.4	14535	9890	1.054	18132	13.8	23786	1.153	19853	114	6.0
	3.8	2.9	6.6	14622	9944	1.034	18149	14.1	24195	1.156	20250	115	6.1
	5.0	4.5	10.5	14710	9999	1.013	18166	14.5	24604	1.160	20646	115	6.2
100	2.5	1.5	3.4	13759	9480	1.164	17729	11.8	Operation Not Recommended				
	3.8	2.8	6.5	13846	9534	1.143	17746	12.1					
	5.0	4.5	10.3	13933	9588	1.122	17763	12.4					
110	2.5	1.4	3.3	12780	9099	1.273	17124	10.0					
	3.8	2.8	6.4	12867	9153	1.253	17141	10.3					
	5.0	4.4	10.2	12954	9207	1.232	17158	10.5					
120	2.5	1.4	3.3	11695	8772	1.380	16405	8.5					
	3.8	2.8	6.4	11782	8826	1.360	16422	8.7					
	5.0	4.4	10.1	11869	8880	1.339	16439	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 56: WSCH019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	3.0	7.0	Operation Not Recommended					12225	1.182	8190	89	3.0
	4.5	5.4	12.4						13006	1.195	8930	90	3.2
	6.1	8.1	18.6						13787	1.207	9669	91	3.3
30	3.0	3.0	6.9	22564	14646	0.685	24903	32.9	13143	1.203	9039	90	3.2
	4.5	5.3	12.2	22911	14756	0.647	25121	35.4	13925	1.215	9778	91	3.4
	6.1	7.9	18.3	23259	14867	0.610	25339	38.2	14706	1.228	10517	93	3.5
40	3.0	2.9	6.7	22855	14854	0.750	25414	30.5	15276	1.247	11021	93	3.6
	4.5	5.1	11.8	23202	14965	0.712	25632	32.6	16058	1.259	11761	95	3.7
	6.1	7.7	17.8	23550	15075	0.674	25850	34.9	16839	1.271	12500	96	3.9
50	3.0	2.8	6.5	22320	14556	0.831	25154	26.9	17709	1.293	13297	97	4.0
	4.5	5.0	11.5	22667	14666	0.793	25372	28.6	18490	1.305	14037	98	4.2
	6.1	7.5	17.3	23015	14777	0.755	25590	30.5	19272	1.317	14776	100	4.3
60	3.0	2.7	6.3	21329	14014	0.927	24492	23.0	20329	1.339	15759	101	4.4
	4.5	4.9	11.2	21676	14124	0.889	24710	24.4	21110	1.352	16499	102	4.6
	6.1	7.3	16.9	22023	14235	0.851	24928	25.9	21892	1.364	17238	104	4.7
70	3.0	2.7	6.2	20158	13416	1.039	23702	19.4	23023	1.384	18300	105	4.9
	4.5	4.8	11.0	20505	13526	1.001	23920	20.5	23804	1.396	19040	107	5.0
	6.1	7.2	16.5	20852	13636	0.963	24138	21.7	24586	1.409	19779	108	5.1
80	3.0	2.6	6.1	18987	12872	1.165	22963	16.3	25678	1.426	20814	109	5.3
	4.5	4.7	10.8	19335	12983	1.127	23181	17.2	26460	1.438	21554	111	5.4
	6.1	7.0	16.2	19682	13093	1.089	23399	18.1	27241	1.450	22293	112	5.5
90	3.0	2.6	6.0	17903	12420	1.306	22358	13.7	28182	1.462	23194	113	5.7
	4.5	4.6	10.6	18250	12530	1.268	22576	14.4	28963	1.474	23933	114	5.8
	6.1	6.9	16.0	18597	12641	1.230	22793	15.1	29744	1.486	24673	116	5.9
100	3.0	2.6	5.9	16894	12016	1.460	21875	11.6	Operation Not Recommended				
	4.5	4.5	10.5	17242	12126	1.422	22093	12.1					
	6.1	6.8	15.7	17589	12237	1.384	22311	12.7					
110	3.0	2.5	5.8	15858	11545	1.626	21408	9.8					
	4.5	4.5	10.4	16205	11655	1.588	21626	10.2					
	6.1	6.7	15.6	16553	11766	1.551	21843	10.7					
120	3.0	2.5	5.8	14593	10813	1.806	20755	8.1					
	4.5	4.4	10.3	14941	10923	1.768	20973	8.5					
	6.1	6.7	15.4	15288	11034	1.730	21191	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 57: WSCH024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.6	5.9	Operation Not Recommended					14680	1.632	9111	87	2.6
	6.0	4.9	11.3						15619	1.649	9991	88	2.8
	8.0	7.8	17.9						16558	1.667	10871	89	2.9
30	4.0	2.5	5.8	27378	19162	1.006	30810	27.2	15937	1.654	10293	88	2.8
	6.0	4.8	11.1	27615	19271	0.928	30783	29.7	16876	1.671	11173	89	3.0
	8.0	7.6	17.6	27852	19381	0.851	30755	32.7	17815	1.688	12054	91	3.1
40	4.0	2.5	5.7	26621	18850	1.097	30366	24.3	18845	1.690	13080	92	3.3
	6.0	4.7	10.8	26859	18960	1.020	30339	26.3	19784	1.707	13960	93	3.4
	8.0	7.4	17.1	27096	19069	0.942	30311	28.8	20723	1.724	14840	94	3.5
50	4.0	2.4	5.5	26004	18555	1.198	30094	21.7	22128	1.729	16229	95	3.8
	6.0	4.6	10.5	26242	18665	1.121	30066	23.4	23067	1.746	17109	97	3.9
	8.0	7.2	16.7	26479	18774	1.043	30039	25.4	24006	1.763	17989	98	4.0
60	4.0	2.3	5.4	25409	18255	1.315	29895	19.3	25605	1.784	19519	99	4.2
	6.0	4.5	10.3	25646	18365	1.237	29868	20.7	26544	1.801	20399	101	4.3
	8.0	7.0	16.3	25884	18474	1.160	29840	22.3	27483	1.818	21279	102	4.4
70	4.0	2.3	5.3	24741	17930	1.453	29698	17.0	29089	1.858	22751	103	4.6
	6.0	4.4	10.1	24979	18040	1.375	29670	18.2	30028	1.875	23631	105	4.7
	8.0	6.9	15.9	25216	18149	1.297	29643	19.4	30967	1.892	24511	106	4.8
80	4.0	2.2	5.2	23932	17559	1.618	29452	14.8	32394	1.948	25749	107	4.9
	6.0	4.3	9.9	24169	17669	1.540	29424	15.7	33333	1.965	26629	108	5.0
	8.0	6.8	15.6	24406	17778	1.463	29397	16.7	34272	1.982	27510	109	5.1
90	4.0	2.2	5.1	22935	17121	1.816	29132	12.6	35329	2.042	28360	111	5.1
	6.0	4.2	9.7	23172	17231	1.739	29105	13.3	36268	2.059	29241	112	5.2
	8.0	6.7	15.4	23409	17340	1.661	29077	14.1	37207	2.077	30121	113	5.3
100	4.0	2.2	5.0	21729	16596	2.054	28738	10.6	Operation Not Recommended				
	6.0	4.1	9.6	21966	16706	1.977	28711	11.1					
	8.0	6.6	15.1	22203	16815	1.899	28683	11.7					
110	4.0	2.1	5.0	20316	15964	2.338	28292	8.7					
	6.0	4.1	9.5	20553	16073	2.260	28265	9.1					
	8.0	6.5	15.0	20791	16183	2.182	28238	9.5					
120	4.0	2.1	4.9	18724	15203	2.672	27842	7.0					
	6.0	4.1	9.4	18962	15312	2.595	27815	7.3					
	8.0	6.4	14.8	19199	15422	2.517	27788	7.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 58: WSCH030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.7	8.5	Operation Not Recommended					18560	1.836	12295	87	3.0
	7.5	7.0	16.1						19379	1.855	13049	88	3.1
	10.0	11.1	25.6						20198	1.874	13802	89	3.2
30	5.0	3.6	8.3	29885	19810	1.216	34035	24.6	20146	1.859	13802	89	3.2
	7.5	6.9	15.9	30072	19846	1.149	33993	26.2	20965	1.878	14555	89	3.3
	10.0	10.9	25.2	30259	19882	1.082	33951	28.0	21783	1.898	15308	90	3.4
40	5.0	3.5	8.1	30134	20404	1.300	34570	23.2	23442	1.912	16919	92	3.6
	7.5	6.7	15.4	30321	20441	1.233	34528	24.6	24261	1.931	17673	92	3.7
	10.0	10.6	24.4	30509	20477	1.166	34487	26.2	25080	1.950	18426	93	3.8
50	5.0	3.4	7.9	30245	20829	1.398	35015	21.6	26867	1.972	20138	95	4.0
	7.5	6.5	15.0	30432	20866	1.331	34973	22.9	27686	1.991	20891	95	4.1
	10.0	10.3	23.8	30620	20902	1.264	34931	24.2	28504	2.010	21644	96	4.2
60	5.0	3.3	7.7	30088	21033	1.516	35262	19.8	30333	2.040	23373	98	4.4
	7.5	6.4	14.7	30276	21070	1.449	35220	20.9	31151	2.059	24126	99	4.4
	10.0	10.1	23.2	30463	21106	1.382	35178	22.0	31970	2.078	24880	99	4.5
70	5.0	3.3	7.5	29585	20991	1.661	35252	17.8	33708	2.112	26501	101	4.7
	7.5	6.2	14.4	29772	21027	1.594	35210	18.7	34526	2.131	27255	102	4.7
	10.0	9.8	22.7	29959	21063	1.527	35168	19.6	35345	2.150	28008	103	4.8
80	5.0	3.2	7.4	28704	20702	1.839	34979	15.6	36815	2.186	29357	104	4.9
	7.5	6.1	14.1	28892	20738	1.772	34937	16.3	37634	2.205	30111	105	5.0
	10.0	9.7	22.3	29079	20774	1.705	34895	17.1	38453	2.224	30864	105	5.1
90	5.0	3.1	7.3	27468	20192	2.056	34485	13.4	39434	2.256	31735	106	5.1
	7.5	6.0	13.9	27656	20229	1.989	34443	13.9	40252	2.275	32488	107	5.2
	10.0	9.5	21.9	27843	20265	1.922	34401	14.5	41071	2.295	33241	108	5.2
100	5.0	3.1	7.2	25947	19515	2.319	33861	11.2	Operation Not Recommended				
	7.5	5.9	13.7	26134	19551	2.252	33819	11.6					
	10.0	9.4	21.6	26322	19587	2.185	33777	12.0					
110	5.0	3.1	7.1	24261	18746	2.635	33250	9.2					
	7.5	5.9	13.5	24448	18783	2.567	33208	9.5					
	10.0	9.3	21.4	24635	18819	2.500	33166	9.9					
120	5.0	3.0	7.0	22580	17991	3.008	32844	7.5					
	7.5	5.8	13.4	22767	18027	2.941	32803	7.7					
	10.0	9.2	21.2	22954	18063	2.874	32761	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 59: WSCH036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.0	6.9	Operation Not Recommended					22240	2.507	13685	87	2.6
	9.0	5.9	13.6						24506	2.552	15800	89	2.8
	12.0	9.5	21.8						26773	2.596	17915	91	3.0
30	6.0	3.0	6.8	41611	27506	1.593	47047	26.1	24089	2.532	15449	88	2.8
	9.0	5.8	13.4	41946	27628	1.481	46999	28.3	26356	2.577	17564	90	3.0
	12.0	9.3	21.5	42281	27751	1.369	46951	30.9	28622	2.621	19679	92	3.2
40	6.0	2.9	6.6	40634	27123	1.711	46474	23.7	27940	2.591	19098	91	3.2
	9.0	5.6	13.0	40969	27246	1.599	46425	25.6	30207	2.636	21214	93	3.4
	12.0	9.0	20.9	41304	27369	1.487	46377	27.8	32474	2.680	23329	95	3.6
50	6.0	2.8	6.5	39683	26680	1.847	45987	21.5	32220	2.662	23137	95	3.5
	9.0	5.5	12.6	40018	26803	1.735	45938	23.1	34487	2.707	25252	96	3.7
	12.0	8.8	20.3	40353	26926	1.623	45890	24.9	36754	2.751	27367	98	3.9
60	6.0	2.7	6.3	38660	26167	2.008	45513	19.2	37037	2.745	27671	98	4.0
	9.0	5.3	12.3	38995	26290	1.896	45464	20.6	39304	2.789	29786	100	4.1
	12.0	8.6	19.8	39329	26413	1.784	45416	22.0	41571	2.834	31902	102	4.3
70	6.0	2.7	6.2	37486	25575	2.201	44997	17.0	42312	2.839	32624	102	4.4
	9.0	5.2	12.1	37821	25698	2.089	44949	18.1	44579	2.884	34739	104	4.5
	12.0	8.4	19.4	38156	25820	1.977	44901	19.3	46846	2.928	36854	106	4.7
80	6.0	2.6	6.1	36104	24895	2.433	44406	14.8	47783	2.946	37732	107	4.8
	9.0	5.1	11.8	36439	25017	2.321	44358	15.7	50050	2.990	39847	108	4.9
	12.0	8.2	19.0	36774	25140	2.209	44310	16.7	52316	3.035	41962	110	5.1
90	6.0	2.6	6.0	34474	24118	2.711	43724	12.7	52999	3.064	42545	111	5.1
	9.0	5.0	11.6	34809	24240	2.599	43676	13.4	55266	3.108	44660	112	5.2
	12.0	8.1	18.7	35144	24363	2.486	43628	14.1	57533	3.153	46775	114	5.3
100	6.0	2.5	5.9	32576	23235	3.042	42954	10.7	Operation Not Recommended				
	9.0	5.0	11.5	32910	23357	2.929	42906	11.2					
	12.0	8.0	18.5	33245	23480	2.817	42858	11.8					
110	6.0	2.5	5.8	30409	22237	3.432	42120	8.9					
	9.0	4.9	11.3	30743	22360	3.320	42072	9.3					
	12.0	7.9	18.3	31078	22482	3.208	42024	9.7					
120	6.0	2.5	5.8	27991	21116	3.890	41264	7.2					
	9.0	4.9	11.2	28326	21238	3.778	41216	7.5					
	12.0	7.8	18.1	28661	21361	3.665	41168	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 60: WSCH042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					26170	2.735	16837	87	2.8
	10.5	7.6	17.5						27613	2.763	18185	88	2.9
	14.0	12.2	28.1						29056	2.791	19534	89	3.1
30	7.0	3.8	8.8	46325	35677	1.855	52655	25.0	28262	2.759	18848	89	3.0
	10.5	7.5	17.2	42648	29875	1.687	48403	25.3	29704	2.787	20196	90	3.1
	14.0	12.0	27.7	38970	24072	1.518	44151	25.7	31147	2.814	21545	90	3.2
40	7.0	3.7	8.6	46670	36075	1.972	53399	23.7	32890	2.813	23291	92	3.4
	10.5	7.3	16.7	42993	30272	1.804	49147	23.8	34333	2.841	24639	93	3.5
	14.0	11.7	26.9	39315	24470	1.635	44895	24.0	35776	2.869	25988	94	3.7
50	7.0	3.6	8.3	46405	36172	2.110	53604	22.0	37912	2.877	28095	95	3.9
	10.5	7.1	16.3	42728	30370	1.942	49352	22.0	39355	2.905	29443	96	4.0
	14.0	11.4	26.2	39050	24568	1.773	45100	22.0	40798	2.933	30791	97	4.1
60	7.0	3.5	8.1	45740	36002	2.274	53500	20.1	43107	2.951	33038	98	4.3
	10.5	6.9	15.9	42062	30200	2.106	49248	20.0	44550	2.979	34386	99	4.4
	14.0	11.1	25.6	38385	24398	1.938	44996	19.8	45993	3.006	35735	100	4.5
70	7.0	3.5	8.0	44810	35596	2.471	53240	18.1	48276	3.034	37923	102	4.7
	10.5	6.7	15.6	41132	29794	2.302	48989	17.9	49719	3.062	39271	103	4.8
	14.0	10.8	25.0	37455	23991	2.134	44737	17.6	51162	3.090	40620	104	4.9
80	7.0	3.4	7.8	43677	34985	2.704	52904	16.2	53246	3.127	42575	105	5.0
	10.5	6.6	15.3	40000	29182	2.536	48653	15.8	54689	3.155	43924	106	5.1
	14.0	10.6	24.6	36322	23380	2.368	44401	15.3	56131	3.183	45272	107	5.2
90	7.0	3.3	7.7	42327	34201	2.980	52497	14.2	57865	3.230	46844	108	5.3
	10.5	6.5	15.0	38650	28398	2.812	48245	13.7	59307	3.257	48192	109	5.3
	14.0	10.5	24.2	34973	22596	2.644	43993	13.2	60750	3.285	49541	110	5.4
100	7.0	3.3	7.6	40673	33275	3.304	51948	12.3	Operation Not Recommended				
	10.5	6.4	14.8	36996	27473	3.136	47696	11.8					
	14.0	10.3	23.8	33318	21670	2.967	43444	11.2					
110	7.0	3.2	7.5	38552	32240	3.681	51113	10.5					
	10.5	6.3	14.6	34874	26437	3.513	46861	9.9					
	14.0	10.2	23.6	31197	20635	3.344	42609	9.3					
120	7.0	3.2	7.4	35726	31126	4.117	49773	8.7					
	10.5	6.3	14.5	32049	25324	3.948	45521	8.1					
	14.0	10.1	23.3	28371	19521	3.780	41269	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 61: WSCH048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.4	5.6	Operation Not Recommended					33045	3.219	22062	89	3.0
	12.0	5.2	11.9						34472	3.250	23382	90	3.1
	16.0	8.8	20.4						35899	3.282	24701	91	3.2
30	8.0	2.4	5.5	49102	34679	2.063	56143	23.8	35718	3.263	24584	91	3.2
	12.0	5.1	11.7	49418	34758	1.967	56128	25.1	37145	3.294	25903	91	3.3
	16.0	8.7	20.0	49733	34837	1.870	56113	26.6	38571	3.326	27223	92	3.4
40	8.0	2.3	5.4	51105	35669	2.232	58722	22.9	41797	3.375	30282	94	3.6
	12.0	4.9	11.4	51421	35748	2.135	58707	24.1	43224	3.406	31602	95	3.7
	16.0	8.4	19.5	51736	35827	2.038	58692	25.4	44651	3.438	32921	96	3.8
50	8.0	2.3	5.2	51389	36121	2.426	59668	21.2	48570	3.511	36591	98	4.1
	12.0	4.8	11.1	51705	36200	2.329	59653	22.2	49997	3.542	37911	99	4.1
	16.0	8.2	18.9	52020	36279	2.233	59638	23.3	51424	3.574	39230	100	4.2
60	8.0	2.2	5.1	50672	36115	2.653	59723	19.1	55695	3.664	43194	102	4.5
	12.0	4.7	10.8	50987	36194	2.556	59708	19.9	57122	3.695	44514	103	4.5
	16.0	8.0	18.5	51302	36273	2.459	59693	20.9	58549	3.727	45833	104	4.6
70	8.0	2.2	5.0	49463	35732	2.918	59419	17.0	62829	3.825	49777	106	4.8
	12.0	4.6	10.6	49778	35811	2.821	59404	17.6	64256	3.857	51096	107	4.9
	16.0	7.8	18.1	50094	35890	2.724	59388	18.4	65683	3.888	52416	108	5.0
80	8.0	2.1	4.9	48068	35052	3.228	59084	14.9	69630	3.988	56022	110	5.1
	12.0	4.5	10.4	48384	35131	3.131	59069	15.5	71057	4.020	57341	111	5.2
	16.0	7.7	17.8	48699	35210	3.035	59053	16.0	72484	4.051	58661	112	5.2
90	8.0	2.1	4.8	46586	34157	3.591	58839	13.0	75754	4.144	61614	114	5.4
	12.0	4.4	10.2	46901	34236	3.494	58824	13.4	77181	4.176	62933	114	5.4
	16.0	7.6	17.5	47216	34315	3.397	58809	13.9	78608	4.207	64253	115	5.5
100	8.0	2.1	4.8	44908	33126	4.013	58600	11.2	Operation Not Recommended				
	12.0	4.4	10.1	45223	33204	3.916	58585	11.5					
	16.0	7.5	17.2	45538	33283	3.819	58570	11.9					
110	8.0	2.0	4.7	42720	32040	4.500	58075	9.5					
	12.0	4.3	10.0	43035	32119	4.403	58060	9.8					
	16.0	7.4	17.0	43351	32197	4.306	58045	10.1					
120	8.0	2.0	4.7	39502	30979	5.060	56767	7.8					
	12.0	4.3	9.9	39818	31058	4.963	56752	8.0					
	16.0	7.3	16.9	40133	31137	4.866	56737	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 62: WSCH060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.3	5.3	Operation Not Recommended					41348	4.380	26403	89	2.8
	15.0	5.1	11.9						44194	4.455	28992	90	2.9
	20.0	9.1	21.0						47041	4.531	31581	92	3.0
30	10.0	2.3	5.2	60126	42548	2.819	69745	21.3	44989	4.452	29798	91	3.0
	15.0	5.1	11.7	60541	42671	2.650	69582	22.8	47836	4.527	32387	92	3.1
	20.0	9.0	20.7	60955	42794	2.481	69419	24.6	50682	4.603	34977	93	3.2
40	10.0	2.2	5.1	65394	45438	3.025	75715	21.6	52870	4.618	37113	94	3.4
	15.0	4.9	11.4	65808	45560	2.856	75552	23.0	55717	4.694	39702	96	3.5
	20.0	8.7	20.1	66223	45683	2.686	75389	24.7	58563	4.769	42291	97	3.6
50	10.0	2.1	5.0	66493	45821	3.263	77627	20.4	61383	4.814	44957	98	3.7
	15.0	4.8	11.1	66907	45943	3.094	77464	21.6	64230	4.889	47546	100	3.9
	20.0	8.5	19.5	67321	46066	2.925	77301	23.0	67076	4.965	50135	101	4.0
60	10.0	2.1	4.8	65282	44925	3.541	77364	18.4	70315	5.038	53123	102	4.1
	15.0	4.7	10.8	65696	45048	3.372	77201	19.5	73161	5.114	55712	104	4.2
	20.0	8.3	19.1	66110	45170	3.203	77038	20.6	76008	5.189	58301	105	4.3
70	10.0	2.1	4.7	63116	43630	3.864	76301	16.3	79428	5.286	61390	107	4.4
	15.0	4.6	10.6	63530	43753	3.695	76138	17.2	82275	5.362	63979	108	4.5
	20.0	8.1	18.7	63944	43875	3.526	75975	18.1	85121	5.437	66568	109	4.6
80	10.0	2.0	4.6	60837	42471	4.240	75304	14.3	88468	5.550	69530	111	4.7
	15.0	4.5	10.4	61251	42594	4.071	75141	15.0	91314	5.626	72119	112	4.8
	20.0	7.9	18.3	61665	42717	3.902	74978	15.8	94161	5.701	74708	113	4.8
90	10.0	2.0	4.6	58782	41636	4.674	74732	12.6	97156	5.819	77302	115	4.9
	15.0	4.4	10.2	59196	41759	4.505	74569	13.1	100002	5.894	79891	116	5.0
	20.0	7.8	18.0	59610	41881	4.336	74406	13.7	102849	5.969	82480	117	5.0
100	10.0	2.0	4.5	56778	40967	5.174	74433	11.0	Operation Not Recommended				
	15.0	4.4	10.1	57193	41090	5.005	74270	11.4					
	20.0	7.7	17.8	57607	41212	4.836	74107	11.9					
110	10.0	1.9	4.5	54145	39960	5.746	73750	9.4					
	15.0	4.3	9.9	54559	40082	5.577	73587	9.8					
	20.0	7.6	17.6	54973	40205	5.408	73424	10.2					
120	10.0	1.9	4.4	49692	37764	6.396	71516	7.8					
	15.0	4.3	9.8	50106	37887	6.227	71353	8.0					
	20.0	7.5	17.4	50520	38009	6.058	71190	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 63: WSCH070 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	2.7	6.2	Operation Not Recommended					44846	4.692	28837	88	2.8
	18.0	6.9	16.0						47789	4.763	31537	89	2.9
	24.0	13.6	31.3						50732	4.834	34237	90	3.1
30	12.0	2.7	6.1	77398	52840	3.171	88219	24.4	49007	4.768	32736	90	3.0
	18.0	6.8	15.8	77956	52899	2.996	88178	26.0	51950	4.840	35436	91	3.1
	24.0	13.3	30.8	78514	52959	2.821	88138	27.8	54892	4.911	38136	92	3.3
40	12.0	2.6	6.0	79672	53631	3.367	91159	23.7	57773	4.938	40924	93	3.4
	18.0	6.6	15.3	80230	53690	3.191	91119	25.1	60715	5.009	43624	94	3.6
	24.0	13.0	29.9	80788	53750	3.016	91078	26.8	63658	5.080	46324	95	3.7
50	12.0	2.5	5.8	79117	53391	3.610	91435	21.9	66986	5.127	49493	97	3.8
	18.0	6.5	14.9	79675	53451	3.434	91394	23.2	69929	5.198	52192	98	3.9
	24.0	12.6	29.1	80234	53510	3.259	91354	24.6	72872	5.269	54892	99	4.1
60	12.0	2.5	5.7	76929	52516	3.907	90261	19.7	76473	5.334	58274	101	4.2
	18.0	6.3	14.5	77487	52575	3.732	90221	20.8	79415	5.405	60973	102	4.3
	24.0	12.3	28.4	78045	52635	3.557	90180	21.9	82358	5.476	63673	103	4.4
70	12.0	2.4	5.5	73997	51301	4.265	88551	17.3	86059	5.557	67099	104	4.5
	18.0	6.2	14.2	74555	51361	4.090	88510	18.2	89002	5.628	69799	106	4.6
	24.0	12.0	27.8	75114	51420	3.914	88470	19.2	91944	5.699	72498	107	4.7
80	12.0	2.4	5.4	70912	49945	4.689	86912	15.1	95570	5.794	75801	108	4.8
	18.0	6.1	14.0	71470	50005	4.514	86871	15.8	98513	5.865	78500	109	4.9
	24.0	11.8	27.3	72028	50064	4.338	86831	16.6	101456	5.936	81200	111	5.0
90	12.0	2.3	5.3	67957	48548	5.186	85652	13.1	104832	6.044	84211	112	5.1
	18.0	6.0	13.7	68515	48608	5.010	85611	13.7	107775	6.115	86910	113	5.2
	24.0	11.6	26.8	69073	48667	4.835	85571	14.3	110718	6.186	89610	114	5.2
100	12.0	2.3	5.3	65117	47111	5.761	84773	11.3	Operation Not Recommended				
	18.0	5.9	13.5	65675	47171	5.585	84733	11.8					
	24.0	11.5	26.5	66233	47230	5.410	84692	12.2					
110	12.0	2.3	5.2	62070	45538	6.420	83977	9.7					
	18.0	5.8	13.4	62628	45598	6.245	83937	10.0					
	24.0	11.3	26.2	63186	45657	6.070	83896	10.4					
120	12.0	2.2	5.2	58193	43635	7.171	82661	8.1					
	18.0	5.8	13.3	58751	43694	6.995	82621	8.4					
	24.0	11.2	25.9	59309	43754	6.820	82580	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 64: WSMH007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.6	1.3	Operation Not Recommended					4641	0.481	2999	87	2.8
	1.8	1.1	2.5						4952	0.483	3304	88	3.0
	2.3	1.7	3.9						5263	0.485	3608	89	3.2
30	1.2	0.5	1.3	8707	5656	0.250	9560	34.8	5184	0.488	3520	89	3.1
	1.8	1.0	2.4	8843	5746	0.232	9633	38.2	5495	0.490	3824	90	3.3
	2.3	1.7	3.8	8980	5836	0.213	9707	42.1	5806	0.491	4129	91	3.5
40	1.2	0.5	1.2	8640	5688	0.282	9603	30.6	6251	0.500	4545	93	3.7
	1.8	1.0	2.3	8776	5778	0.264	9676	33.3	6562	0.502	4850	94	3.8
	2.3	1.6	3.7	8912	5868	0.245	9749	36.3	6873	0.504	5154	95	4.0
50	1.2	0.5	1.2	8446	5623	0.320	9538	26.4	7289	0.510	5548	97	4.2
	1.8	1.0	2.3	8582	5713	0.302	9611	28.5	7600	0.512	5853	98	4.4
	2.3	1.6	3.6	8718	5803	0.283	9684	30.8	7910	0.514	6157	99	4.5
60	1.2	0.5	1.2	8149	5487	0.364	9390	22.4	8292	0.518	6523	101	4.7
	1.8	1.0	2.2	8286	5577	0.345	9463	24.0	8603	0.520	6828	102	4.8
	2.3	1.5	3.5	8422	5667	0.327	9537	25.8	8914	0.522	7132	103	5.0
70	1.2	0.5	1.1	7770	5300	0.413	9179	18.8	9257	0.525	7467	104	5.2
	1.8	0.9	2.2	7906	5390	0.395	9253	20.0	9568	0.527	7771	105	5.3
	2.3	1.5	3.5	8042	5480	0.376	9326	21.4	9879	0.529	8076	106	5.5
80	1.2	0.5	1.1	7321	5074	0.468	8918	15.6	10178	0.529	8374	107	5.6
	1.8	0.9	2.1	7457	5164	0.450	8991	16.6	10489	0.531	8678	109	5.8
	2.3	1.5	3.4	7593	5254	0.431	9065	17.6	10800	0.533	8983	110	5.9
90	1.2	0.5	1.1	6809	4816	0.529	8613	12.9	11049	0.530	9240	111	6.1
	1.8	0.9	2.1	6946	4907	0.510	8686	13.6	11360	0.532	9544	112	6.3
	2.3	1.4	3.3	7082	4997	0.492	8759	14.4	11671	0.534	9849	113	6.4
100	1.2	0.5	1.1	6238	4526	0.594	8264	10.5	Operation Not Recommended				
	1.8	0.9	2.1	6374	4616	0.575	8338	11.1					
	2.3	1.4	3.3	6511	4706	0.557	8411	11.7					
110	1.2	0.5	1.1	5604	4194	0.663	7867	8.4					
	1.8	0.9	2.1	5740	4284	0.645	7940	8.9					
	2.3	1.4	3.3	5876	4374	0.626	8014	9.4					
120	1.2	0.5	1.1	4897	3807	0.736	7409	6.7					
	1.8	0.9	2.0	5033	3897	0.718	7482	7.0					
	2.3	1.4	3.2	5170	3987	0.699	7555	7.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 65: WSMH009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.6	Operation Not Recommended					7252	0.787	4566	92	2.7
	2.3	1.5	3.4						7794	0.799	5066	94	2.9
	3.0	2.4	5.6						8335	0.812	5565	96	3.0
30	1.5	0.7	1.6	12902	7592	0.465	14489	27.7	8026	0.806	5277	95	2.9
	2.3	1.4	3.3	13005	7633	0.438	14498	29.7	8567	0.818	5777	96	3.1
	3.0	2.4	5.5	13107	7675	0.411	14508	31.9	9108	0.830	6276	98	3.2
40	1.5	0.7	1.6	12336	7650	0.505	14059	24.4	9528	0.841	6658	99	3.3
	2.3	1.4	3.2	12439	7691	0.478	14069	26.0	10069	0.853	7158	101	3.5
	3.0	2.3	5.3	12542	7733	0.450	14078	27.8	10610	0.865	7657	103	3.6
50	1.5	0.7	1.5	11770	7444	0.562	13689	20.9	10972	0.875	7987	104	3.7
	2.3	1.4	3.1	11873	7485	0.535	13699	22.2	11514	0.887	8486	105	3.8
	3.0	2.3	5.2	11976	7527	0.508	13709	23.6	12055	0.899	8986	107	3.9
60	1.5	0.6	1.5	11205	7105	0.630	13356	17.8	12362	0.907	9267	108	4.0
	2.3	1.3	3.1	11307	7147	0.603	13365	18.7	12903	0.919	9767	110	4.1
	3.0	2.2	5.1	11410	7188	0.576	13375	19.8	13445	0.931	10267	111	4.2
70	1.5	0.6	1.5	10639	6731	0.704	13042	15.1	13699	0.937	10503	112	4.3
	2.3	1.3	3.0	10742	6772	0.677	13052	15.9	14241	0.949	11003	114	4.4
	3.0	2.2	5.0	10844	6814	0.650	13062	16.7	14782	0.961	11503	115	4.5
80	1.5	0.6	1.4	10073	6379	0.781	12740	12.9	14987	0.964	11698	116	4.6
	2.3	1.3	2.9	10176	6420	0.754	12749	13.5	15528	0.976	12198	118	4.7
	3.0	2.1	4.9	10279	6462	0.727	12759	14.1	16069	0.988	12697	119	4.8
90	1.5	0.6	1.4	9508	6073	0.861	12447	11.0	16226	0.988	12855	120	4.8
	2.3	1.3	2.9	9610	6115	0.834	12456	11.5	16767	1.000	13355	121	4.9
	3.0	2.1	4.8	9713	6156	0.807	12466	12.0	17308	1.012	13855	123	5.0
100	1.5	0.6	1.4	8942	5800	0.946	12169	9.5	Operation Not Recommended				
	2.3	1.2	2.9	9045	5842	0.919	12179	9.8					
	3.0	2.1	4.7	9147	5884	0.891	12189	10.3					
110	1.5	0.6	1.4	8376	5511	1.039	11921	8.1					
	2.3	1.2	2.8	8479	5552	1.011	11930	8.4					
	3.0	2.0	4.7	8582	5594	0.984	11940	8.7					
120	1.5	0.6	1.4	7811	5118	1.146	11721	6.8					
	2.3	1.2	2.8	7913	5159	1.119	11731	7.1					
	3.0	2.0	4.6	8016	5201	1.092	11741	7.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 66: WSMH012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.3	3.0	Operation Not Recommended					9633	0.956	6371	92	3.0
	3.0	2.5	5.8						10270	0.973	6948	94	3.1
	4.0	4.0	9.2						10906	0.991	7525	95	3.2
30	2.0	1.3	3.0	16416	10327	0.561	18331	29.3	10554	0.984	7197	94	3.1
	3.0	2.5	5.7	16553	10404	0.521	18330	31.8	11191	1.001	7774	96	3.3
	4.0	3.9	9.0	16691	10481	0.480	18329	34.8	11828	1.019	8351	97	3.4
40	2.0	1.2	2.9	16321	10301	0.621	18441	26.3	12414	1.039	8870	99	3.5
	3.0	2.4	5.5	16459	10378	0.581	18441	28.3	13051	1.056	9448	100	3.6
	4.0	3.8	8.8	16596	10455	0.541	18440	30.7	13688	1.074	10025	102	3.7
50	2.0	1.2	2.8	15988	10166	0.694	18355	23.1	14273	1.091	10550	103	3.8
	3.0	2.3	5.4	16126	10243	0.653	18355	24.7	14910	1.109	11127	104	3.9
	4.0	3.7	8.5	16263	10319	0.613	18354	26.5	15547	1.126	11704	106	4.0
60	2.0	1.2	2.7	15488	9937	0.776	18136	20.0	16102	1.141	12208	107	4.1
	3.0	2.3	5.2	15625	10014	0.736	18136	21.2	16739	1.159	12786	109	4.2
	4.0	3.6	8.3	15762	10091	0.695	18135	22.7	17376	1.176	13363	110	4.3
70	2.0	1.2	2.7	14874	9634	0.867	17833	17.1	17872	1.188	13820	111	4.4
	3.0	2.2	5.1	15011	9710	0.827	17833	18.2	18509	1.205	14397	113	4.5
	4.0	3.5	8.1	15148	9787	0.787	17832	19.3	19146	1.223	14974	114	4.6
80	2.0	1.1	2.6	14182	9271	0.967	17480	14.7	19555	1.230	15358	115	4.7
	3.0	2.2	5.0	14319	9348	0.926	17479	15.5	20192	1.247	15935	116	4.7
	4.0	3.5	8.0	14456	9425	0.886	17479	16.3	20829	1.265	16513	118	4.8
90	2.0	1.1	2.6	13432	8868	1.074	17095	12.5	21121	1.268	16796	119	4.9
	3.0	2.1	4.9	13569	8945	1.033	17094	13.1	21758	1.285	17374	120	5.0
	4.0	3.4	7.9	13706	9021	0.993	17093	13.8	22395	1.303	17951	122	5.0
100	2.0	1.1	2.5	12626	8441	1.188	16681	10.6	Operation Not Recommended				
	3.0	2.1	4.9	12763	8517	1.148	16680	11.1					
	4.0	3.4	7.8	12900	8594	1.108	16679	11.6					
110	2.0	1.1	2.5	11749	8007	1.312	16225	9.0					
	3.0	2.1	4.8	11886	8084	1.271	16225	9.3					
	4.0	3.3	7.7	12023	8160	1.231	16224	9.8					
120	2.0	1.1	2.5	10770	7584	1.445	15701	7.5					
	3.0	2.1	4.8	10907	7660	1.405	15701	7.8					
	4.0	3.3	7.6	11044	7737	1.364	15700	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 67: WSMH015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.5	3.4	Operation Not Recommended					9967	0.905	6877	88	3.2
	3.8	2.9	6.6						10647	0.917	7518	90	3.4
	5.0	4.6	10.7						11328	0.929	8159	91	3.6
30	2.5	1.4	3.3	17859	11607	0.479	19494	37.3	11058	0.928	7892	90	3.5
	3.8	2.8	6.5	18068	11736	0.442	19577	40.8	11739	0.940	8533	92	3.7
	5.0	4.6	10.5	18277	11866	0.406	19660	45.1	12420	0.951	9174	93	3.8
40	2.5	1.4	3.2	18182	11767	0.517	19945	35.2	13277	0.971	9962	94	4.0
	3.8	2.7	6.3	18391	11897	0.480	20029	38.3	13957	0.983	10603	96	4.2
	5.0	4.4	10.2	18600	12027	0.443	20112	42.0	14638	0.995	11244	97	4.3
50	2.5	1.4	3.1	18058	11709	0.587	20062	30.7	15516	1.013	12061	99	4.5
	3.8	2.7	6.2	18267	11839	0.551	20146	33.2	16196	1.024	12701	100	4.6
	5.0	4.3	9.9	18476	11969	0.514	20229	36.0	16877	1.036	13342	101	4.8
60	2.5	1.3	3.1	17574	11476	0.679	19889	25.9	17745	1.051	14158	103	4.9
	3.8	2.6	6.0	17783	11605	0.642	19972	27.7	18425	1.063	14799	104	5.1
	5.0	4.2	9.7	17992	11735	0.605	20056	29.7	19106	1.075	15440	105	5.2
70	2.5	1.3	3.0	16813	11110	0.782	19483	21.5	19934	1.087	16225	107	5.4
	3.8	2.5	5.9	17022	11239	0.745	19566	22.8	20614	1.099	16866	108	5.5
	5.0	4.1	9.5	17232	11369	0.709	19650	24.3	21295	1.110	17507	109	5.6
80	2.5	1.3	2.9	15863	10654	0.893	18912	17.8	22052	1.119	18232	111	5.8
	3.8	2.5	5.8	16072	10784	0.857	18995	18.8	22732	1.131	18872	112	5.9
	5.0	4.0	9.3	16282	10913	0.820	19079	19.9	23413	1.143	19513	113	6.0
90	2.5	1.3	2.9	14809	10152	1.011	18257	14.7	24068	1.149	20148	114	6.1
	3.8	2.5	5.7	15018	10282	0.974	18341	15.4	24748	1.160	20789	116	6.3
	5.0	4.0	9.2	15227	10412	0.937	18424	16.3	25429	1.172	21430	117	6.4
100	2.5	1.2	2.8	13736	9648	1.136	17611	12.1	Operation Not Recommended				
	3.8	2.4	5.6	13945	9777	1.099	17694	12.7					
	5.0	3.9	9.0	14154	9907	1.062	17778	13.3					
110	2.5	1.2	2.8	12729	9183	1.274	17078	10.0					
	3.8	2.4	5.5	12938	9312	1.238	17161	10.5					
	5.0	3.9	8.9	13147	9442	1.201	17244	10.9					
120	2.5	1.2	2.8	11875	8801	1.436	16773	8.3					
	3.8	2.4	5.5	12084	8930	1.399	16856	8.6					
	5.0	3.8	8.9	12293	9060	1.362	16940	9.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 68: WSMH019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.0	4.6	Operation Not Recommended					12792	1.195	8716	90	3.1
	4.5	3.9	9.0						13601	1.214	9460	91	3.3
	6.0	6.3	14.5						14410	1.233	10204	92	3.4
30	3.0	1.9	4.5	22516	14443	0.621	24635	36.3	14135	1.227	9949	92	3.4
	4.5	3.8	8.8	23022	14683	0.564	24946	40.8	14944	1.246	10693	93	3.5
	6.0	6.2	14.3	23527	14923	0.507	25258	46.4	15753	1.265	11437	94	3.7
40	3.0	1.9	4.4	22482	14524	0.719	24935	31.3	16761	1.290	12359	96	3.8
	4.5	3.7	8.6	22988	14763	0.662	25246	34.7	17570	1.309	13103	97	3.9
	6.0	6.0	13.8	23493	15003	0.605	25557	38.8	18380	1.328	13848	98	4.1
50	3.0	1.8	4.2	22158	14414	0.829	24987	26.7	19308	1.351	14698	100	4.2
	4.5	3.6	8.3	22664	14653	0.772	25299	29.4	20118	1.370	15442	101	4.3
	6.0	5.8	13.5	23170	14893	0.715	25610	32.4	20927	1.389	16186	102	4.4
60	3.0	1.8	4.1	21585	14145	0.950	24826	22.7	21777	1.409	16968	103	4.5
	4.5	3.5	8.1	22091	14385	0.893	25138	24.7	22586	1.428	17712	105	4.6
	6.0	5.7	13.2	22596	14625	0.836	25449	27.0	23396	1.447	18457	106	4.7
70	3.0	1.8	4.1	20803	13752	1.080	24488	19.3	24167	1.464	19173	107	4.8
	4.5	3.5	8.0	21309	13991	1.023	24800	20.8	24977	1.483	19918	108	4.9
	6.0	5.6	12.9	21814	14231	0.966	25111	22.6	25786	1.502	20662	110	5.0
80	3.0	1.7	4.0	19853	13264	1.219	24012	16.3	26480	1.513	21317	111	5.1
	4.5	3.4	7.8	20359	13504	1.162	24324	17.5	27289	1.532	22061	112	5.2
	6.0	5.5	12.6	20864	13743	1.105	24635	18.9	28099	1.551	22805	113	5.3
90	3.0	1.7	3.9	18775	12716	1.367	23440	13.7	28715	1.557	23402	114	5.4
	4.5	3.3	7.7	19280	12956	1.310	23751	14.7	29525	1.576	24146	115	5.5
	6.0	5.4	12.4	19786	13195	1.253	24063	15.8	30334	1.595	24891	117	5.6
100	3.0	1.7	3.9	17609	12139	1.526	22816	11.5	Operation Not Recommended				
	4.5	3.3	7.6	18115	12379	1.469	23127	12.3					
	6.0	5.3	12.3	18620	12618	1.412	23439	13.2					
110	3.0	1.7	3.8	16397	11566	1.697	22188	9.7					
	4.5	3.3	7.5	16902	11806	1.640	22499	10.3					
	6.0	5.3	12.1	17408	12045	1.583	22811	11.0					
120	3.0	1.6	3.8	15178	11029	1.884	21606	8.1					
	4.5	3.2	7.4	15684	11269	1.827	21918	8.6					
	6.0	5.2	12.0	16189	11508	1.770	22229	9.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 69: WSMH024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.8	6.5	Operation Not Recommended					15580	1.483	10521	88	3.1
	6.0	4.9	11.2						16597	1.504	11465	89	3.2
	8.0	7.2	16.6						17614	1.525	12410	90	3.4
30	4.0	2.8	6.4	26963	18668	0.880	29967	30.6	17237	1.511	12081	90	3.3
	6.0	4.8	11.1	27113	18751	0.820	29913	33.0	18253	1.532	13025	91	3.5
	8.0	7.1	16.3	27263	18833	0.761	29859	35.8	19270	1.553	13970	92	3.6
40	4.0	2.7	6.2	27932	19079	0.954	31189	29.3	20567	1.568	15218	94	3.8
	6.0	4.7	10.7	28082	19162	0.895	31135	31.4	21584	1.589	16162	95	4.0
	8.0	6.9	15.9	28232	19244	0.835	31081	33.8	22600	1.610	17106	96	4.1
50	4.0	2.6	6.0	27868	19147	1.057	31475	26.4	23909	1.626	18360	97	4.3
	6.0	4.5	10.5	28018	19229	0.997	31421	28.1	24925	1.647	19305	99	4.4
	8.0	6.7	15.5	28168	19312	0.938	31367	30.0	25942	1.668	20249	100	4.6
60	4.0	2.6	5.9	27190	18937	1.181	31221	23.0	27247	1.687	21490	101	4.7
	6.0	4.4	10.2	27340	19019	1.122	31167	24.4	28264	1.708	22435	103	4.8
	8.0	6.5	15.1	27490	19102	1.062	31113	25.9	29281	1.730	23379	104	5.0
70	4.0	2.5	5.8	26204	18516	1.324	30722	19.8	30568	1.752	24589	105	5.1
	6.0	4.3	10.0	26354	18598	1.264	30668	20.8	31585	1.773	25534	106	5.2
	8.0	6.4	14.8	26504	18681	1.204	30614	22.0	32602	1.795	26478	107	5.3
80	4.0	2.5	5.7	25108	17950	1.485	30174	16.9	33856	1.822	27638	109	5.4
	6.0	4.3	9.8	25258	18033	1.425	30120	17.7	34873	1.844	28582	110	5.5
	8.0	6.3	14.5	25408	18115	1.365	30066	18.6	35890	1.865	29527	111	5.6
90	4.0	2.4	5.6	23986	17306	1.667	29675	14.4	37098	1.899	30618	113	5.7
	6.0	4.2	9.6	24136	17388	1.608	29621	15.0	38114	1.920	31562	114	5.8
	8.0	6.2	14.2	24286	17471	1.548	29567	15.7	39131	1.941	32507	115	5.9
100	4.0	2.4	5.5	22812	16650	1.878	29221	12.1	Operation Not Recommended				
	6.0	4.1	9.5	22962	16732	1.819	29167	12.6					
	8.0	6.1	14.1	23112	16815	1.759	29113	13.1					
110	4.0	2.4	5.4	21449	16048	2.128	28711	10.1					
	6.0	4.1	9.4	21599	16131	2.068	28657	10.4					
	8.0	6.0	13.9	21749	16213	2.009	28603	10.8					
120	4.0	2.3	5.4	19651	15567	2.430	27944	8.1					
	6.0	4.0	9.3	19801	15649	2.371	27890	8.4					
	8.0	6.0	13.8	19951	15732	2.311	27836	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 70: WSMH030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	2.5	5.9	Operation Not Recommended					19068	1.696	13283	88	3.3
	7.5	4.9	11.3						20050	1.713	14204	88	3.4
	10.0	7.8	18.0						21032	1.731	15125	89	3.6
30	5.0	2.5	5.8	32667	22324	1.062	36290	30.8	20747	1.722	14872	89	3.5
	7.5	4.8	11.1	32889	22399	0.998	36294	33.0	21729	1.740	15793	90	3.7
	10.0	7.7	17.7	33111	22474	0.934	36298	35.4	22711	1.758	16714	91	3.8
40	5.0	2.4	5.6	32641	22508	1.137	36522	28.7	24252	1.779	18182	92	4.0
	7.5	4.7	10.8	32863	22583	1.074	36526	30.6	25234	1.797	19103	93	4.1
	10.0	7.5	17.2	33085	22658	1.010	36530	32.8	26216	1.815	20024	94	4.2
50	5.0	2.4	5.5	32028	22433	1.241	36261	25.8	27883	1.841	21601	96	4.4
	7.5	4.6	10.5	32250	22508	1.177	36265	27.4	28865	1.859	22522	97	4.6
	10.0	7.3	16.8	32472	22583	1.113	36269	29.2	29847	1.877	23443	97	4.7
60	5.0	2.3	5.3	31052	22139	1.368	35719	22.7	31557	1.907	25050	99	4.8
	7.5	4.5	10.3	31274	22214	1.304	35723	24.0	32539	1.925	25970	100	5.0
	10.0	7.1	16.4	31496	22289	1.240	35727	25.4	33521	1.943	26891	101	5.1
70	5.0	2.3	5.2	29873	21667	1.520	35058	19.7	35190	1.976	28449	102	5.2
	7.5	4.4	10.0	30095	21742	1.456	35062	20.7	36172	1.994	29370	103	5.3
	10.0	6.9	16.0	30317	21816	1.392	35066	21.8	37154	2.011	30291	104	5.4
80	5.0	2.2	5.1	28589	21056	1.700	34389	16.8	38699	2.045	31721	106	5.5
	7.5	4.3	9.9	28811	21131	1.636	34393	17.6	39681	2.063	32642	107	5.6
	10.0	6.8	15.7	29033	21205	1.572	34397	18.5	40663	2.081	33563	107	5.7
90	5.0	2.2	5.0	27236	20346	1.916	33775	14.2	41999	2.114	34786	109	5.8
	7.5	4.2	9.7	27458	20421	1.853	33779	14.8	42981	2.132	35707	110	5.9
	10.0	6.7	15.5	27680	20495	1.789	33783	15.5	43963	2.150	36628	110	6.0
100	5.0	2.2	5.0	25788	19577	2.181	33228	11.8	Operation Not Recommended				
	7.5	4.1	9.6	26010	19652	2.117	33232	12.3					
	10.0	6.6	15.2	26232	19727	2.053	33236	12.8					
110	5.0	2.1	4.9	24157	18790	2.507	32712	9.6					
	7.5	4.1	9.5	24379	18864	2.443	32716	10.0					
	10.0	6.5	15.1	24601	18939	2.380	32720	10.3					
120	5.0	2.1	4.9	22192	18024	2.915	32139	7.6					
	7.5	4.1	9.4	22414	18098	2.851	32143	7.9					
	10.0	6.5	14.9	22635	18173	2.788	32147	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 71: WSMH036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					25655	2.318	17744	90	3.2
	9.0	3.3	7.6						27267	2.362	19208	91	3.4
	12.0	5.6	13.0						28880	2.405	20672	92	3.5
30	6.0	1.5	3.5	36879	25791	1.430	41757	25.8	28194	2.366	20120	92	3.5
	9.0	3.2	7.5	36765	25795	1.331	41306	27.6	29806	2.410	21584	93	3.6
	12.0	5.5	12.8	36650	25798	1.232	40856	29.7	31418	2.453	23048	94	3.8
40	6.0	1.5	3.4	39567	27339	1.541	44827	25.7	33390	2.476	24941	96	4.0
	9.0	3.2	7.3	39453	27343	1.443	44376	27.3	35002	2.520	26405	97	4.1
	12.0	5.4	12.4	39338	27346	1.344	43925	29.3	36615	2.563	27869	98	4.2
50	6.0	1.4	3.3	40386	27747	1.683	46128	24.0	38607	2.599	29739	100	4.4
	9.0	3.1	7.1	40271	27751	1.584	45677	25.4	40220	2.643	31202	101	4.5
	12.0	5.2	12.1	40157	27754	1.486	45226	27.0	41832	2.686	32666	102	4.6
60	6.0	1.4	3.3	39981	27483	1.850	46295	21.6	43682	2.729	34372	104	4.7
	9.0	3.0	6.9	39866	27487	1.752	45844	22.8	45294	2.772	35835	105	4.8
	12.0	5.1	11.8	39752	27491	1.653	45393	24.0	46907	2.816	37299	106	4.9
70	6.0	1.4	3.2	38848	26896	2.044	45824	19.0	48450	2.858	38700	107	5.0
	9.0	2.9	6.8	38734	26900	1.946	45374	19.9	50062	2.901	40163	108	5.1
	12.0	5.0	11.5	38619	26904	1.847	44923	20.9	51675	2.945	41627	110	5.1
80	6.0	1.4	3.1	37339	26214	2.267	45074	16.5	52747	2.979	42582	110	5.2
	9.0	2.9	6.6	37225	26218	2.168	44623	17.2	54359	3.022	44046	112	5.3
	12.0	4.9	11.3	37110	26222	2.070	44172	17.9	55972	3.066	45510	113	5.4
90	6.0	1.3	3.1	35655	25546	2.523	44262	14.1	56409	3.086	45880	113	5.4
	9.0	2.8	6.5	35540	25549	2.424	43811	14.7	58021	3.129	47344	115	5.4
	12.0	4.8	11.1	35426	25553	2.325	43361	15.2	59634	3.173	48807	116	5.5
100	6.0	1.3	3.0	33850	24879	2.819	43469	12.0	Operation Not Recommended				
	9.0	2.8	6.4	33735	24882	2.721	43018	12.4					
	12.0	4.8	11.0	33621	24886	2.622	42567	12.8					
110	6.0	1.3	3.0	31831	24082	3.166	42635	10.1					
	9.0	2.8	6.4	31717	24086	3.068	42184	10.3					
	12.0	4.7	10.9	31602	24089	2.969	41733	10.6					
120	6.0	1.3	3.0	29359	22905	3.577	41563	8.2					
	9.0	2.7	6.3	29244	22908	3.478	41112	8.4					
	12.0	4.7	10.8	29130	22912	3.380	40661	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 72: WSMH042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					27425	2.575	18638	88	3.1
	10.5	4.4	10.1						28840	2.621	19897	89	3.2
	14.0	7.5	17.3						30256	2.667	21157	90	3.3
30	7.0	2.0	4.7	41818	28870	1.587	47232	26.4	29977	2.617	21048	90	3.4
	10.5	4.3	10.0	42021	28956	1.490	47106	28.2	31392	2.663	22307	91	3.5
	14.0	7.4	17.0	42224	29042	1.394	46979	30.3	32808	2.708	23567	92	3.6
40	7.0	2.0	4.6	43565	30090	1.705	49383	25.6	35304	2.714	26042	93	3.8
	10.5	4.2	9.7	43768	30176	1.608	49257	27.2	36720	2.760	27302	94	3.9
	14.0	7.2	16.5	43972	30261	1.512	49130	29.1	38135	2.806	28562	95	4.0
50	7.0	1.9	4.4	43532	30197	1.857	49870	23.4	40819	2.826	31175	97	4.2
	10.5	4.1	9.4	43735	30282	1.761	49743	24.8	42234	2.872	32435	98	4.3
	14.0	7.0	16.1	43938	30368	1.664	49617	26.4	43650	2.917	33695	99	4.4
60	7.0	1.9	4.3	42534	29709	2.038	49489	20.9	46388	2.947	36334	101	4.6
	10.5	4.0	9.2	42737	29795	1.942	49363	22.0	47804	2.992	37594	101	4.7
	14.0	6.8	15.7	42940	29881	1.845	49237	23.3	49219	3.038	38853	102	4.7
70	7.0	1.8	4.2	41147	28996	2.246	48812	18.3	51881	3.070	41405	104	5.0
	10.5	3.9	9.0	41350	29082	2.150	48685	19.2	53296	3.116	42665	105	5.0
	14.0	6.7	15.4	41553	29168	2.053	48559	20.2	54711	3.161	43925	106	5.1
80	7.0	1.8	4.2	39705	28275	2.484	48179	16.0	57163	3.191	46276	108	5.3
	10.5	3.8	8.8	39908	28361	2.387	48053	16.7	58579	3.236	47536	109	5.3
	14.0	6.5	15.1	40111	28447	2.291	47927	17.5	59994	3.282	48796	109	5.4
90	7.0	1.8	4.1	38302	27613	2.756	47707	13.9	62104	3.303	50834	111	5.5
	10.5	3.8	8.7	38505	27699	2.660	47581	14.5	63520	3.349	52093	112	5.6
	14.0	6.4	14.8	38708	27785	2.563	47455	15.1	64935	3.394	53353	113	5.6
100	7.0	1.7	4.0	36792	26929	3.075	47283	12.0	Operation Not Recommended				
	10.5	3.7	8.6	36995	27014	2.978	47157	12.4					
	14.0	6.3	14.6	37198	27100	2.881	47030	12.9					
110	7.0	1.7	4.0	34788	25988	3.452	46567	10.1					
	10.5	3.7	8.5	34991	26074	3.355	46440	10.4					
	14.0	6.3	14.5	35194	26160	3.259	46314	10.8					
120	7.0	1.7	4.0	31661	24408	3.906	44991	8.1					
	10.5	3.6	8.4	31864	24494	3.810	44864	8.4					
	14.0	6.2	14.3	32068	24580	3.713	44738	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 73: WSMH048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					33436	3.045	23046	91	3.2
	12.0	3.7	8.4						35306	3.095	24746	92	3.3
	16.0	6.3	14.6						37176	3.144	26447	93	3.5
30	8.0	1.7	3.8	49810	34711	1.998	56627	24.9	35978	3.104	25386	93	3.4
	12.0	3.6	8.3	49684	34582	1.883	56108	26.4	37848	3.154	27087	94	3.5
	16.0	6.2	14.4	49558	34453	1.768	55590	28.0	39718	3.203	28788	95	3.6
40	8.0	1.6	3.7	50612	34082	2.160	57984	23.4	41685	3.225	30682	96	3.8
	12.0	3.5	8.1	50486	33953	2.045	57465	24.7	43555	3.274	32383	97	3.9
	16.0	6.0	13.9	50361	33824	1.930	56946	26.1	45424	3.324	34083	98	4.0
50	8.0	1.6	3.6	50960	34683	2.340	58946	21.8	47912	3.356	36461	100	4.2
	12.0	3.4	7.9	50834	34554	2.225	58427	22.8	49782	3.405	38162	101	4.3
	16.0	5.9	13.6	50709	34425	2.110	57908	24.0	51652	3.455	39863	102	4.4
60	8.0	1.5	3.5	50667	35465	2.547	59358	19.9	54349	3.503	42395	104	4.5
	12.0	3.3	7.7	50542	35336	2.432	58839	20.8	56219	3.553	44095	105	4.6
	16.0	5.7	13.3	50416	35207	2.316	58320	21.8	58089	3.603	45796	106	4.7
70	8.0	1.5	3.5	49674	35724	2.789	59192	17.8	60751	3.668	48234	108	4.9
	12.0	3.3	7.5	49549	35595	2.674	58673	18.5	62621	3.718	49935	109	4.9
	16.0	5.6	13.0	49423	35466	2.559	58154	19.3	64491	3.768	51636	110	5.0
80	8.0	1.5	3.4	48020	35099	3.077	58519	15.6	66940	3.847	53814	112	5.1
	12.0	3.2	7.4	47895	34970	2.962	58000	16.2	68810	3.896	55515	113	5.2
	16.0	5.5	12.7	47769	34841	2.846	57481	16.8	70680	3.946	57215	114	5.2
90	8.0	1.5	3.4	45815	33570	3.419	57480	13.4	72803	4.031	59050	116	5.3
	12.0	3.1	7.2	45690	33441	3.303	56961	13.8	74673	4.080	60751	117	5.4
	16.0	5.4	12.5	45564	33312	3.188	56443	14.3	76543	4.130	62451	118	5.4
100	8.0	1.4	3.3	43210	31460	3.824	56258	11.3	Operation Not Recommended				
	12.0	3.1	7.1	43084	31331	3.709	55739	11.6					
	16.0	5.4	12.3	42959	31202	3.594	55221	12.0					
110	8.0	1.4	3.3	40367	29435	4.302	55047	9.4					
	12.0	3.1	7.1	40241	29306	4.187	54528	9.6					
	16.0	5.3	12.2	40116	29178	4.072	54009	9.9					
120	8.0	1.4	3.2	37433	28505	4.863	54025	7.7					
	12.0	3.0	7.0	37308	28376	4.747	53506	7.9					
	16.0	5.2	12.1	37182	28247	4.632	52988	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 74: WSMH060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	5.9	Operation Not Recommended					43161	4.068	29282	90	3.1
	15.0	5.7	13.1						45908	4.143	31770	91	3.2
	20.0	9.9	22.8						48654	4.219	34258	92	3.4
30	10.0	2.5	5.9	63986	43624	2.588	72817	24.7	47230	4.171	32998	92	3.3
	15.0	5.6	12.9	63956	43606	2.427	72236	26.4	49976	4.247	35485	93	3.4
	20.0	9.7	22.5	63926	43588	2.265	71655	28.2	52723	4.323	37973	94	3.6
40	10.0	2.5	5.7	61128	42924	2.776	70600	22.0	55673	4.374	40749	96	3.7
	15.0	5.4	12.5	61098	42906	2.614	70019	23.4	58420	4.450	43237	97	3.8
	20.0	9.5	21.8	61068	42888	2.453	69438	24.9	61166	4.526	45725	98	4.0
50	10.0	2.4	5.5	63050	43298	2.999	73281	21.0	64296	4.579	48672	100	4.1
	15.0	5.3	12.2	63020	43279	2.837	72700	22.2	67042	4.655	51160	101	4.2
	20.0	9.2	21.2	62990	43261	2.675	72119	23.5	69789	4.731	53647	102	4.3
60	10.0	2.3	5.4	64583	43865	3.264	75719	19.8	72894	4.793	56540	104	4.5
	15.0	5.1	11.9	64553	43847	3.102	75139	20.8	75641	4.869	59028	105	4.6
	20.0	9.0	20.7	64523	43828	2.941	74558	21.9	78387	4.945	61516	106	4.6
70	10.0	2.3	5.3	63881	44031	3.580	76097	17.8	81347	5.019	64223	107	4.8
	15.0	5.0	11.6	63851	44013	3.419	75516	18.7	84094	5.094	66711	109	4.8
	20.0	8.8	20.3	63822	43995	3.257	74935	19.6	86840	5.170	69198	110	4.9
80	10.0	2.2	5.2	61259	43487	3.956	74756	15.5	89615	5.255	71684	111	5.0
	15.0	4.9	11.4	61229	43469	3.794	74175	16.1	92362	5.331	74171	113	5.1
	20.0	8.6	19.9	61199	43451	3.632	73594	16.8	95108	5.407	76659	114	5.2
90	10.0	2.2	5.1	58028	42207	4.398	73035	13.2	97740	5.498	78980	115	5.2
	15.0	4.9	11.2	57998	42189	4.237	72454	13.7	100487	5.574	81468	116	5.3
	20.0	8.5	19.6	57969	42171	4.075	71873	14.2	103233	5.650	83956	118	5.4
100	10.0	2.2	5.0	55334	40453	4.916	72109	11.3	Operation Not Recommended				
	15.0	4.8	11.1	55304	40435	4.755	71528	11.6					
	20.0	8.4	19.3	55274	40417	4.593	70947	12.0					
110	10.0	2.2	5.0	52993	38768	5.518	71821	9.6					
	15.0	4.7	10.9	52964	38750	5.356	71240	9.9					
	20.0	8.3	19.1	52934	38732	5.195	70659	10.2					
120	10.0	2.1	4.9	48331	37983	6.211	69524	7.8					
	15.0	4.7	10.8	48302	37965	6.049	68943	8.0					
	20.0	8.2	18.9	48272	37947	5.888	68362	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 75: WSSH007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	1.5	3.5	Operation Not Recommended					4571	0.377	3285	84	3.6
	1.8	3.2	7.3						4798	0.376	3515	85	3.7
	2.3	5.3	12.2						5025	0.375	3744	85	3.9
30	1.2	1.5	3.5	8795	6815	0.191	9448	46.0	4913	0.380	3616	85	3.8
	1.8	3.1	7.2	8881	6870	0.174	9473	51.1	5140	0.379	3846	86	4.0
	2.3	5.2	12.0	8966	6925	0.156	9499	57.5	5367	0.378	4076	86	4.2
40	1.2	1.5	3.4	8876	6913	0.224	9639	39.7	5678	0.384	4367	87	4.3
	1.8	3.0	7.0	8962	6967	0.206	9665	43.5	5905	0.384	4597	88	4.5
	2.3	5.1	11.7	9047	7022	0.188	9690	48.0	6132	0.383	4826	89	4.7
50	1.2	1.4	3.3	8746	6741	0.256	9619	34.2	6527	0.386	5210	90	5.0
	1.8	3.0	6.8	8832	6795	0.238	9645	37.1	6753	0.385	5440	91	5.1
	2.3	4.9	11.4	8917	6850	0.221	9670	40.4	6980	0.384	5669	91	5.3
60	1.2	1.4	3.2	8467	6462	0.290	9456	29.2	7429	0.385	6115	93	5.7
	1.8	2.9	6.6	8552	6517	0.272	9481	31.4	7656	0.384	6345	94	5.8
	2.3	4.8	11.1	8638	6572	0.255	9507	33.9	7883	0.383	6575	94	6.0
70	1.2	1.4	3.2	8087	6188	0.327	9204	24.7	8356	0.382	7053	96	6.4
	1.8	2.8	6.5	8173	6243	0.310	9230	26.4	8583	0.381	7282	96	6.6
	2.3	4.7	10.9	8258	6298	0.292	9255	28.3	8810	0.380	7512	97	6.8
80	1.2	1.3	3.1	7643	5976	0.370	8907	20.6	9279	0.377	7992	98	7.2
	1.8	2.8	6.4	7729	6031	0.353	8933	21.9	9506	0.376	8222	99	7.4
	2.3	4.6	10.7	7814	6086	0.335	8958	23.3	9732	0.375	8451	100	7.6
90	1.2	1.3	3.0	7160	5831	0.421	8597	17.0	10167	0.370	8903	101	8.0
	1.8	2.7	6.3	7246	5886	0.403	8622	18.0	10394	0.370	9133	102	8.2
	2.3	4.5	10.5	7331	5940	0.386	8648	19.0	10621	0.369	9363	103	8.4
100	1.2	1.3	3.0	6650	5705	0.481	8291	13.8	Operation Not Recommended				
	1.8	2.7	6.2	6736	5760	0.463	8317	14.5					
	2.3	4.5	10.3	6821	5814	0.446	8342	15.3					
110	1.2	1.3	3.0	6113	5497	0.552	7997	11.1					
	1.8	2.7	6.1	6199	5552	0.534	8022	11.6					
	2.3	4.4	10.2	6284	5607	0.517	8048	12.2					
120	1.2	1.3	2.9	5537	5056	0.636	7708	8.7					
	1.8	2.6	6.1	5623	5110	0.619	7734	9.1					
	2.3	4.4	10.1	5708	5165	0.601	7759	9.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 76: WSSH009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	3.1	7.1	Operation Not Recommended					5637	0.576	3672	87	2.9
	2.3	6.1	14.0						6220	0.582	4233	89	3.1
	3.0	9.8	22.7						6802	0.588	4794	91	3.4
30	1.5	3.0	7.0	11581	7589	0.324	12687	35.7	6229	0.587	4226	89	3.1
	2.3	6.0	13.8	11757	7665	0.305	12797	38.6	6811	0.593	4787	91	3.4
	3.0	9.7	22.3	11933	7740	0.285	12906	41.8	7393	0.599	5348	93	3.6
40	1.5	3.0	6.8	11603	7538	0.358	12824	32.4	7409	0.607	5336	93	3.6
	2.3	5.8	13.4	11779	7614	0.338	12933	34.8	7991	0.614	5897	95	3.8
	3.0	9.4	21.7	11955	7690	0.319	13043	37.5	8574	0.620	6458	96	4.1
50	1.5	2.9	6.6	11335	7383	0.396	12687	28.6	8581	0.626	6447	96	4.0
	2.3	5.7	13.1	11511	7459	0.377	12796	30.6	9163	0.632	7008	98	4.3
	3.0	9.1	21.1	11687	7534	0.357	12906	32.7	9745	0.638	7569	100	4.5
60	1.5	2.8	6.5	10883	7170	0.440	12384	24.7	9740	0.641	7551	100	4.5
	2.3	5.5	12.7	11059	7246	0.420	12493	26.3	10322	0.648	8112	102	4.7
	3.0	8.9	20.6	11234	7322	0.401	12603	28.0	10904	0.654	8673	103	4.9
70	1.5	2.7	6.3	10327	6934	0.490	11999	21.1	10881	0.655	8646	103	4.9
	2.3	5.4	12.5	10503	7010	0.471	12108	22.3	11463	0.661	9207	105	5.1
	3.0	8.7	20.2	10678	7085	0.451	12217	23.7	12046	0.668	9768	107	5.3
80	1.5	2.7	6.2	9722	6694	0.547	11589	17.8	12001	0.667	9724	107	5.3
	2.3	5.3	12.2	9898	6770	0.528	11699	18.8	12583	0.673	10285	109	5.5
	3.0	8.6	19.8	10074	6846	0.508	11808	19.8	13165	0.680	10846	110	5.7
90	1.5	2.7	6.1	9100	6457	0.612	11189	14.9	13094	0.678	10782	110	5.7
	2.3	5.2	12.0	9276	6532	0.593	11298	15.7	13677	0.684	11343	112	5.9
	3.0	8.4	19.5	9452	6608	0.573	11408	16.5	14259	0.690	11904	114	6.1
100	1.5	2.6	6.0	8466	6214	0.686	10806	12.3	Operation Not Recommended				
	2.3	5.1	11.9	8642	6290	0.666	10915	13.0					
	3.0	8.3	19.2	8817	6365	0.647	11025	13.6					
110	1.5	2.6	6.0	7800	5945	0.769	10424	10.1					
	2.3	5.1	11.7	7975	6020	0.750	10533	10.6					
	3.0	8.2	19.0	8151	6096	0.730	10643	11.2					
120	1.5	2.6	5.9	7057	5613	0.863	10001	8.2					
	2.3	5.0	11.6	7233	5689	0.843	10110	8.6					
	3.0	8.1	18.8	7409	5764	0.824	10220	9.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 77: WSSH012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	2.1	4.9	Operation Not Recommended					7528	0.669	5245	87	3.3
	3.0	4.5	10.4						8025	0.675	5721	88	3.5
	4.0	7.6	17.6						8522	0.681	6198	90	3.7
30	2.0	2.1	4.9	15217	10631	0.381	16517	39.9	8305	0.686	5965	89	3.5
	3.0	4.4	10.2	15291	10631	0.358	16513	42.7	8802	0.692	6442	90	3.7
	4.0	7.5	17.3	15364	10631	0.335	16509	45.8	9299	0.698	6919	91	3.9
40	2.0	2.0	4.7	14627	9889	0.409	16022	35.8	9852	0.717	7405	93	4.0
	3.0	4.3	9.9	14700	9889	0.386	16018	38.1	10349	0.723	7881	94	4.2
	4.0	7.3	16.8	14774	9889	0.363	16014	40.6	10846	0.729	8358	95	4.4
50	2.0	2.0	4.6	13947	9415	0.448	15476	31.1	11383	0.746	8837	96	4.5
	3.0	4.2	9.7	14021	9415	0.425	15472	33.0	11880	0.752	9314	97	4.6
	4.0	7.1	16.3	14095	9414	0.403	15468	35.0	12377	0.758	9790	98	4.8
60	2.0	1.9	4.5	13218	9085	0.499	14921	26.5	12890	0.772	10257	100	4.9
	3.0	4.1	9.4	13291	9084	0.477	14917	27.9	13387	0.778	10734	101	5.0
	4.0	6.9	16.0	13365	9084	0.454	14913	29.5	13884	0.784	11211	102	5.2
70	2.0	1.9	4.4	12473	8811	0.564	14397	22.1	14368	0.794	11660	103	5.3
	3.0	4.0	9.2	12547	8810	0.541	14393	23.2	14865	0.800	12137	104	5.4
	4.0	6.8	15.6	12620	8810	0.518	14389	24.4	15362	0.806	12614	105	5.6
80	2.0	1.9	4.3	11748	8540	0.643	13941	18.3	15810	0.812	13041	106	5.7
	3.0	3.9	9.1	11822	8540	0.620	13936	19.1	16307	0.818	13518	108	5.8
	4.0	6.6	15.3	11895	8540	0.597	13932	19.9	16804	0.824	13994	109	6.0
90	2.0	1.8	4.2	11075	8258	0.737	13588	15.0	17209	0.825	14394	110	6.1
	3.0	3.9	8.9	11148	8257	0.714	13584	15.6	17707	0.831	14871	111	6.2
	4.0	6.5	15.1	11222	8257	0.691	13580	16.2	18204	0.837	15347	112	6.4
100	2.0	1.8	4.2	10483	7981	0.847	13374	12.4	Operation Not Recommended				
	3.0	3.8	8.8	10556	7981	0.825	13370	12.8					
	4.0	6.4	14.9	10630	7981	0.802	13366	13.3					
110	2.0	1.8	4.1	10000	7766	0.976	13329	10.3					
	3.0	3.8	8.7	10074	7766	0.953	13325	10.6					
	4.0	6.4	14.7	10147	7765	0.930	13321	10.9					
120	2.0	1.8	4.1	9653	7702	1.123	13483	8.6					
	3.0	3.7	8.6	9727	7702	1.100	13479	8.8					
	4.0	6.3	14.6	9800	7701	1.077	13475	9.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 78: WSSH015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	0.6	1.3	Operation Not Recommended					9285	0.881	6280	87	3.1
	3.8	1.2	2.8						9973	0.889	6939	89	3.3
	5.0	2.1	4.8						10662	0.898	7598	90	3.5
30	2.5	0.6	1.3	17961	11774	0.574	19920	31.3	10048	0.897	6986	89	3.3
	3.8	1.2	2.8	18110	11865	0.533	19929	34.0	10736	0.906	7646	90	3.5
	5.0	2.0	4.7	18259	11955	0.492	19938	37.1	11424	0.914	8305	91	3.7
40	2.5	0.6	1.3	17942	11863	0.604	20002	29.7	11811	0.929	8639	92	3.7
	3.8	1.2	2.7	18091	11953	0.563	20011	32.1	12499	0.938	9298	93	3.9
	5.0	2.0	4.6	18240	12044	0.522	20020	35.0	13187	0.947	9957	95	4.1
50	2.5	0.5	1.2	17899	11908	0.648	20110	27.6	13805	0.961	10527	96	4.2
	3.8	1.1	2.6	18047	11998	0.607	20119	29.7	14493	0.969	11186	97	4.4
	5.0	1.9	4.4	18196	12089	0.566	20128	32.1	15181	0.978	11845	98	4.6
60	2.5	0.5	1.2	17704	11867	0.709	20122	25.0	15928	0.991	12547	100	4.7
	3.8	1.1	2.6	17853	11958	0.668	20131	26.7	16616	0.999	13206	101	4.9
	5.0	1.9	4.3	18002	12048	0.627	20140	28.7	17304	1.008	13865	102	5.0
70	2.5	0.5	1.2	17286	11718	0.787	19970	22.0	18076	1.019	14599	104	5.2
	3.8	1.1	2.5	17435	11808	0.746	19979	23.4	18765	1.028	15258	105	5.4
	5.0	1.8	4.2	17584	11899	0.705	19988	25.0	19453	1.036	15917	106	5.5
80	2.5	0.5	1.2	16621	11456	0.883	19636	18.8	20149	1.046	16581	108	5.6
	3.8	1.1	2.5	16770	11546	0.842	19645	19.9	20837	1.054	17240	109	5.8
	5.0	1.8	4.2	16919	11637	0.801	19654	21.1	21525	1.063	17899	110	5.9
90	2.5	0.5	1.1	15740	11096	1.001	19155	15.7	22042	1.070	18391	111	6.0
	3.8	1.0	2.4	15889	11187	0.960	19164	16.6	22730	1.078	19050	113	6.2
	5.0	1.8	4.1	16038	11278	0.919	19173	17.5	23418	1.087	19709	114	6.3
100	2.5	0.5	1.1	14724	10674	1.140	18614	12.9	Operation Not Recommended				
	3.8	1.0	2.4	14873	10764	1.099	18623	13.5					
	5.0	1.8	4.0	15022	10855	1.058	18632	14.2					
110	2.5	0.5	1.1	13708	10241	1.302	18153	10.5					
	3.8	1.0	2.4	13857	10332	1.261	18162	11.0					
	5.0	1.7	4.0	14006	10423	1.220	18170	11.5					
120	2.5	0.5	1.1	12878	9871	1.490	17961	8.6					
	3.8	1.0	2.3	13026	9962	1.449	17970	9.0					
	5.0	1.7	4.0	13175	10053	1.408	17979	9.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 79: WSSH019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	0.7	1.6	Operation Not Recommended					12143	1.151	8216	89	3.1
	4.5	1.6	3.8						13043	1.168	9058	90	3.3
	6.0	3.0	6.9						13942	1.184	9901	92	3.4
30	3.0	0.7	1.6	22970	14753	0.684	25302	33.6	13193	1.177	9178	91	3.3
	4.5	1.6	3.7	23135	14805	0.635	25301	36.4	14093	1.194	10020	92	3.5
	6.0	3.0	6.8	23300	14857	0.586	25300	39.7	14992	1.210	10862	93	3.6
40	3.0	0.7	1.5	22621	14603	0.744	25159	30.4	15511	1.231	11311	94	3.7
	4.5	1.6	3.6	22787	14655	0.695	25158	32.8	16411	1.248	12153	96	3.9
	6.0	2.9	6.6	22952	14708	0.646	25157	35.5	17310	1.265	12995	97	4.0
50	3.0	0.6	1.5	22162	14439	0.824	24975	26.9	18039	1.287	13648	98	4.1
	4.5	1.5	3.5	22327	14491	0.776	24974	28.8	18938	1.303	14491	100	4.3
	6.0	2.8	6.4	22492	14543	0.727	24973	30.9	19838	1.320	15333	101	4.4
60	3.0	0.6	1.5	21597	14253	0.924	24750	23.4	20679	1.342	16099	102	4.5
	4.5	1.5	3.4	21762	14305	0.875	24749	24.9	21579	1.359	16942	104	4.7
	6.0	2.7	6.3	21927	14357	0.827	24748	26.5	22478	1.376	17784	105	4.8
70	3.0	0.6	1.4	20929	14037	1.042	24483	20.1	23336	1.396	18573	107	4.9
	4.5	1.5	3.3	21095	14089	0.993	24482	21.2	24236	1.413	19415	108	5.0
	6.0	2.7	6.2	21260	14142	0.944	24481	22.5	25136	1.430	20257	109	5.2
80	3.0	0.6	1.4	20165	13784	1.176	24176	17.2	25913	1.447	20977	111	5.3
	4.5	1.4	3.3	20330	13836	1.127	24175	18.0	26813	1.463	21820	112	5.4
	6.0	2.6	6.0	20495	13889	1.078	24174	19.0	27712	1.480	22662	113	5.5
90	3.0	0.6	1.4	19306	13486	1.325	23828	14.6	28313	1.492	23222	114	5.6
	4.5	1.4	3.2	19472	13538	1.277	23827	15.3	29213	1.509	24065	116	5.7
	6.0	2.6	5.9	19637	13591	1.228	23826	16.0	30112	1.526	24907	117	5.8
100	3.0	0.6	1.4	18360	13136	1.489	23440	12.3	Operation Not Recommended				
	4.5	1.4	3.2	18525	13188	1.440	23439	12.9					
	6.0	2.5	5.9	18690	13240	1.391	23438	13.4					
110	3.0	0.6	1.3	17329	12725	1.665	23011	10.4					
	4.5	1.4	3.2	17494	12777	1.617	23010	10.8					
	6.0	2.5	5.8	17659	12829	1.568	23009	11.3					
120	3.0	0.6	1.3	16217	12246	1.854	22542	8.7					
	4.5	1.4	3.1	16382	12298	1.805	22541	9.1					
	6.0	2.5	5.7	16547	12351	1.756	22540	9.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 80: WSSH024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.4	3.1	Operation Not Recommended					14785	1.320	10280	88	3.3
	6.0	2.9	6.7						15591	1.338	11024	89	3.4
	8.0	5.0	11.5						16398	1.357	11769	90	3.5
30	4.0	1.3	3.1	27902	18891	1.114	31703	25.0	16198	1.343	11615	89	3.5
	6.0	2.9	6.6	28007	18943	1.049	31587	26.7	17005	1.362	12359	90	3.7
	8.0	4.9	11.3	28112	18995	0.985	31471	28.5	17811	1.380	13103	91	3.8
40	4.0	1.3	3.0	28000	19043	1.107	31775	25.3	19209	1.395	14449	93	4.0
	6.0	2.8	6.4	28105	19095	1.042	31660	27.0	20015	1.413	15193	94	4.2
	8.0	4.7	11.0	28210	19147	0.977	31544	28.9	20821	1.431	15938	95	4.3
50	4.0	1.3	2.9	27709	18930	1.124	31544	24.7	22324	1.450	17375	97	4.5
	6.0	2.7	6.2	27814	18982	1.059	31428	26.3	23130	1.468	18120	98	4.6
	8.0	4.6	10.7	27919	19034	0.995	31312	28.1	23936	1.487	18864	99	4.7
60	4.0	1.2	2.9	27082	18633	1.176	31093	23.0	25375	1.505	20238	100	4.9
	6.0	2.6	6.1	27187	18685	1.111	30978	24.5	26181	1.524	20983	101	5.0
	8.0	4.5	10.4	27292	18737	1.046	30862	26.1	26988	1.542	21727	102	5.1
70	4.0	1.2	2.8	26171	18213	1.272	30511	20.6	28195	1.557	22883	104	5.3
	6.0	2.6	6.0	26276	18265	1.207	30396	21.8	29001	1.575	23627	105	5.4
	8.0	4.4	10.2	26381	18317	1.143	30280	23.1	29808	1.593	24372	106	5.5
80	4.0	1.2	2.7	25029	17714	1.423	29883	17.6	30615	1.600	25154	107	5.6
	6.0	2.5	5.8	25134	17766	1.358	29768	18.5	31421	1.619	25898	108	5.7
	8.0	4.3	10.0	25239	17818	1.293	29652	19.5	32228	1.637	26643	109	5.8
90	4.0	1.2	2.7	23708	17165	1.638	29296	14.5	32467	1.633	26896	109	5.8
	6.0	2.5	5.8	23813	17217	1.573	29181	15.1	33274	1.651	27641	110	5.9
	8.0	4.3	9.8	23918	17269	1.509	29065	15.9	34080	1.669	28385	111	6.0
100	4.0	1.2	2.7	22260	16574	1.927	28837	11.5	Operation Not Recommended				
	6.0	2.5	5.7	22365	16625	1.863	28721	12.0					
	8.0	4.2	9.7	22470	16677	1.798	28606	12.5					
110	4.0	1.1	2.6	20739	15933	2.301	28591	9.0					
	6.0	2.4	5.6	20844	15985	2.236	28475	9.3					
	8.0	4.2	9.6	20949	16037	2.172	28359	9.6					
120	4.0	1.1	2.6	19196	15217	2.769	28645	6.9					
	6.0	2.4	5.6	19301	15269	2.704	28529	7.1					
	8.0	4.1	9.5	19406	15321	2.640	28413	7.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 81: WSSH030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.2	Operation Not Recommended					18668	1.599	13211	88	3.4
	7.5	2.2	5.1						19545	1.615	14036	89	3.5
	10.0	4.0	9.2						20422	1.630	14861	89	3.7
30	5.0	0.9	2.2	32007	22517	1.146	35918	27.9	20331	1.621	14801	89	3.7
	7.5	2.2	5.0	32139	22539	1.084	35839	29.6	21208	1.636	15626	90	3.8
	10.0	3.9	9.0	32271	22561	1.022	35759	31.6	22085	1.651	16451	91	3.9
40	5.0	0.9	2.1	32906	22949	1.219	37067	27.0	23924	1.672	18218	93	4.2
	7.5	2.1	4.9	33039	22971	1.157	36987	28.6	24801	1.688	19043	94	4.3
	10.0	3.8	8.8	33171	22993	1.095	36907	30.3	25678	1.703	19868	94	4.4
50	5.0	0.9	2.1	32895	23005	1.296	37317	25.4	27704	1.733	21793	96	4.7
	7.5	2.1	4.7	33027	23027	1.234	37237	26.8	28581	1.748	22618	97	4.8
	10.0	3.7	8.5	33159	23049	1.172	37157	28.3	29458	1.763	23443	98	4.9
60	5.0	0.9	2.0	32245	22770	1.387	36977	23.3	31467	1.796	25339	100	5.1
	7.5	2.0	4.6	32377	22792	1.325	36897	24.4	32344	1.811	26164	101	5.2
	10.0	3.6	8.3	32509	22814	1.262	36817	25.8	33221	1.826	26989	102	5.3
70	5.0	0.9	2.0	31177	22314	1.503	36304	20.7	35009	1.858	28671	103	5.5
	7.5	2.0	4.5	31309	22336	1.440	36224	21.7	35886	1.873	29496	104	5.6
	10.0	3.5	8.2	31441	22358	1.378	36144	22.8	36763	1.888	30321	105	5.7
80	5.0	0.8	1.9	29858	21700	1.654	35500	18.1	38126	1.912	31601	106	5.8
	7.5	1.9	4.4	29990	21722	1.592	35421	18.8	39003	1.928	32426	107	5.9
	10.0	3.5	8.0	30122	21744	1.529	35341	19.7	39880	1.943	33251	108	6.0
90	5.0	0.8	1.9	28401	20981	1.851	34716	15.3	40614	1.955	33942	109	6.1
	7.5	1.9	4.4	28533	21003	1.789	34637	16.0	41491	1.971	34767	109	6.2
	10.0	3.4	7.9	28666	21025	1.727	34557	16.6	42368	1.986	35592	110	6.3
100	5.0	0.8	1.9	26866	20197	2.105	34048	12.8	Operation Not Recommended				
	7.5	1.9	4.3	26999	20219	2.042	33968	13.2					
	10.0	3.4	7.8	27131	20241	1.980	33888	13.7					
110	5.0	0.8	1.9	25261	19382	2.425	33537	10.4					
	7.5	1.8	4.3	25394	19404	2.363	33457	10.7					
	10.0	3.3	7.7	25526	19426	2.301	33378	11.1					
120	5.0	0.8	1.8	23538	18555	2.824	33174	8.3					
	7.5	1.8	4.2	23671	18577	2.762	33095	8.6					
	10.0	3.3	7.6	23803	18599	2.700	33015	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 82: WSSH036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					24565	2.317	16660	90	3.1
	9.0	3.4	7.7						26433	2.363	18371	91	3.3
	12.0	5.7	13.2						28300	2.409	20082	93	3.4
30	6.0	1.6	3.6	44698	29795	1.746	50657	25.6	26628	2.356	18588	92	3.3
	9.0	3.3	7.6	44904	29838	1.667	50592	26.9	28495	2.402	20299	93	3.5
	12.0	5.6	13.0	45110	29882	1.587	50526	28.4	30363	2.448	22010	95	3.6
40	6.0	1.5	3.5	44475	29972	1.751	50449	25.4	30976	2.444	22637	95	3.7
	9.0	3.2	7.4	44681	30016	1.671	50384	26.7	32844	2.490	24348	97	3.9
	12.0	5.5	12.6	44887	30060	1.592	50318	28.2	34711	2.536	26059	98	4.0
50	6.0	1.5	3.4	43769	29777	1.786	49862	24.5	35513	2.541	26842	99	4.1
	9.0	3.1	7.2	43975	29821	1.706	49797	25.8	37381	2.587	28553	100	4.2
	12.0	5.3	12.3	44181	29865	1.627	49731	27.2	39249	2.633	30264	102	4.4
60	6.0	1.4	3.3	42670	29344	1.859	49012	23.0	40110	2.646	31082	103	4.4
	9.0	3.0	7.0	42876	29388	1.779	48947	24.1	41978	2.692	32793	104	4.6
	12.0	5.2	12.0	43082	29432	1.700	48881	25.3	43845	2.738	34504	106	4.7
70	6.0	1.4	3.2	41268	28774	1.978	48018	20.9	44636	2.755	35236	106	4.7
	9.0	3.0	6.9	41474	28818	1.899	47952	21.8	46504	2.801	36947	108	4.9
	12.0	5.1	11.7	41679	28862	1.819	47887	22.9	48372	2.847	38658	109	5.0
80	6.0	1.4	3.2	39652	28134	2.152	46995	18.4	48964	2.866	39183	110	5.0
	9.0	2.9	6.8	39857	28178	2.073	46929	19.2	50831	2.912	40894	111	5.1
	12.0	5.0	11.5	40063	28222	1.993	46864	20.1	52699	2.958	42606	113	5.2
90	6.0	1.4	3.1	37911	27457	2.388	46061	15.9	52962	2.977	42803	113	5.2
	9.0	2.9	6.6	38117	27501	2.309	45995	16.5	54830	3.023	44514	115	5.3
	12.0	4.9	11.3	38323	27545	2.229	45930	17.2	56697	3.069	46225	116	5.4
100	6.0	1.3	3.1	36137	26740	2.695	45333	13.4	Operation Not Recommended				
	9.0	2.8	6.6	36343	26784	2.615	45267	13.9					
	12.0	4.8	11.2	36549	26828	2.536	45202	14.4					
110	6.0	1.3	3.1	34418	25949	3.080	44928	11.2					
	9.0	2.8	6.5	34624	25993	3.001	44862	11.5					
	12.0	4.8	11.0	34830	26037	2.921	44797	11.9					
120	6.0	1.3	3.0	32844	25015	3.552	44963	9.2					
	9.0	2.8	6.4	33050	25058	3.472	44897	9.5					
	12.0	4.7	10.9	33256	25102	3.393	44832	9.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 83: WSSH042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.5	3.5	Operation Not Recommended					25817	2.360	17765	88	3.2
	10.5	3.2	7.4						27260	2.391	19100	89	3.3
	14.0	5.5	12.7						28703	2.423	20435	90	3.5
30	7.0	1.5	3.5	46959	32389	1.885	53391	24.9	27862	2.378	19749	89	3.4
	10.5	3.2	7.3	46877	32232	1.821	53092	25.7	29305	2.409	21084	90	3.6
	14.0	5.4	12.5	46796	32075	1.758	52793	26.6	30747	2.441	22418	91	3.7
40	7.0	1.5	3.3	47561	33181	1.880	53976	25.3	32498	2.448	24144	92	3.9
	10.5	3.1	7.1	47479	33024	1.816	53677	26.1	33941	2.480	25478	93	4.0
	14.0	5.2	12.1	47397	32867	1.753	53378	27.0	35384	2.512	26813	94	4.1
50	7.0	1.4	3.3	47091	33267	1.911	53613	24.6	37594	2.554	28879	96	4.3
	10.5	3.0	6.9	47009	33110	1.848	53314	25.4	39037	2.586	30214	97	4.4
	14.0	5.1	11.8	46928	32953	1.784	53015	26.3	40479	2.617	31548	98	4.5
60	7.0	1.4	3.2	46014	32938	1.996	52826	23.0	42825	2.680	33681	99	4.7
	10.5	2.9	6.7	45932	32782	1.933	52527	23.8	44268	2.712	35015	100	4.8
	14.0	5.0	11.5	45850	32625	1.869	52228	24.5	45711	2.743	36350	101	4.9
70	7.0	1.4	3.1	44642	32401	2.153	51989	20.7	47870	2.812	38274	103	5.0
	10.5	2.9	6.6	44561	32244	2.089	51690	21.3	49312	2.844	39609	104	5.1
	14.0	4.9	11.3	44479	32087	2.026	51391	22.0	50755	2.875	40944	105	5.2
80	7.0	1.3	3.1	43141	31775	2.398	51324	18.0	52403	2.936	42386	106	5.2
	10.5	2.8	6.5	43059	31618	2.335	51025	18.4	53846	2.967	43721	107	5.3
	14.0	4.8	11.0	42977	31461	2.271	50727	18.9	55288	2.999	45055	108	5.4
90	7.0	1.3	3.0	41523	31098	2.750	50906	15.1	56102	3.036	45742	108	5.4
	10.5	2.8	6.4	41441	30941	2.686	50607	15.4	57544	3.068	47077	109	5.5
	14.0	4.7	10.9	41359	30784	2.623	50309	15.8	58987	3.100	48411	110	5.6
100	7.0	1.3	3.0	39653	30322	3.226	50659	12.3	Operation Not Recommended				
	10.5	2.7	6.3	39571	30166	3.162	50360	12.5					
	14.0	4.6	10.7	39489	30009	3.098	50061	12.7					
110	7.0	1.3	2.9	37244	29315	3.843	50356	9.7					
	10.5	2.7	6.2	37162	29158	3.779	50057	9.8					
	14.0	4.6	10.6	37081	29001	3.715	49758	10.0					
120	7.0	1.3	2.9	33862	27859	4.619	49621	7.3					
	10.5	2.7	6.2	33780	27702	4.555	49323	7.4					
	14.0	4.5	10.5	33698	27545	4.492	49024	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 84: WSSH048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.6	3.8	Operation Not Recommended					30903	3.371	19401	88	2.7
	12.0	3.4	7.9						33882	3.445	22126	90	2.9
	16.0	5.8	13.5						36861	3.519	24852	91	3.1
30	8.0	1.6	3.7	53370	34900	2.139	60669	24.9	33997	3.432	22288	90	2.9
	12.0	3.4	7.8	53669	34944	2.019	60557	26.6	36976	3.506	25013	91	3.1
	16.0	5.7	13.3	53967	34987	1.899	60446	28.4	39955	3.580	27739	93	3.3
40	8.0	1.6	3.6	53149	35167	2.271	60900	23.4	40152	3.559	28007	93	3.3
	12.0	3.3	7.6	53448	35211	2.151	60788	24.8	43131	3.633	30733	95	3.5
	16.0	5.6	12.9	53747	35254	2.031	60676	26.5	46109	3.708	33458	97	3.6
50	8.0	1.5	3.5	52602	35235	2.428	60888	21.7	46263	3.695	33653	97	3.7
	12.0	3.2	7.4	52901	35279	2.308	60776	22.9	49242	3.770	36379	98	3.8
	16.0	5.4	12.5	53199	35323	2.188	60664	24.3	52220	3.844	39104	100	4.0
60	8.0	1.5	3.4	51728	35105	2.624	60681	19.7	52330	3.840	39226	100	4.0
	12.0	3.1	7.2	52027	35149	2.504	60569	20.8	55308	3.914	41952	102	4.1
	16.0	5.3	12.2	52325	35193	2.383	60458	22.0	58287	3.989	44677	104	4.3
70	8.0	1.5	3.3	50527	34777	2.872	60328	17.6	58352	3.994	44726	104	4.3
	12.0	3.1	7.1	50826	34821	2.752	60216	18.5	61331	4.068	47451	105	4.4
	16.0	5.2	12.0	51125	34864	2.632	60104	19.4	64309	4.142	50177	107	4.6
80	8.0	1.4	3.3	49000	34250	3.187	59874	15.4	64331	4.155	50152	107	4.5
	12.0	3.0	6.9	49299	34294	3.067	59763	16.1	67309	4.230	52877	109	4.7
	16.0	5.1	11.7	49597	34337	2.946	59651	16.8	70288	4.304	55603	110	4.8
90	8.0	1.4	3.2	47146	33524	3.582	59369	13.2	70265	4.326	55505	110	4.8
	12.0	3.0	6.8	47445	33568	3.462	59257	13.7	73244	4.400	58230	112	4.9
	16.0	5.0	11.6	47744	33612	3.342	59146	14.3	76222	4.474	60955	114	5.0
100	8.0	1.4	3.2	44966	32600	4.072	58860	11.0	Operation Not Recommended				
	12.0	2.9	6.7	45264	32644	3.952	58748	11.5					
	16.0	4.9	11.4	45563	32688	3.831	58636	11.9					
110	8.0	1.4	3.2	42459	31478	4.670	58394	9.1					
	12.0	2.9	6.6	42757	31521	4.550	58282	9.4					
	16.0	4.9	11.3	43056	31565	4.429	58170	9.7					
120	8.0	1.4	3.1	39625	30157	5.391	58019	7.4					
	12.0	2.9	6.6	39924	30200	5.270	57907	7.6					
	16.0	4.8	11.2	40222	30244	5.150	57795	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 85: WSSH060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.4	3.3	Operation Not Recommended					41484	3.955	27989	89	3.1
	15.0	3.0	7.0						44158	4.021	30438	90	3.2
	20.0	5.2	12.0						46832	4.087	32886	92	3.4
30	10.0	1.4	3.2	66520	43617	2.693	75709	24.7	44633	4.016	30931	91	3.3
	15.0	3.0	6.9	66433	43630	2.549	75132	26.1	47307	4.082	33380	92	3.4
	20.0	5.1	11.8	66347	43643	2.406	74556	27.6	49982	4.148	35828	93	3.5
40	10.0	1.4	3.1	66871	44327	2.791	76393	24.0	51845	4.169	37618	94	3.6
	15.0	2.9	6.7	66784	44341	2.647	75817	25.2	54520	4.236	40067	95	3.8
	20.0	5.0	11.5	66698	44354	2.504	75240	26.6	57194	4.302	42515	96	3.9
50	10.0	1.3	3.0	66702	44747	2.928	76692	22.8	59907	4.356	45044	98	4.0
	15.0	2.8	6.5	66616	44760	2.784	76115	23.9	62581	4.422	47492	99	4.1
	20.0	4.9	11.2	66529	44773	2.640	75539	25.2	65256	4.488	49941	100	4.3
60	10.0	1.3	3.0	66014	44874	3.122	76667	21.1	68375	4.563	52807	102	4.4
	15.0	2.8	6.4	65927	44887	2.979	76091	22.1	71050	4.629	55256	103	4.5
	20.0	4.7	10.9	65841	44900	2.835	75514	23.2	73724	4.695	57704	104	4.6
70	10.0	1.3	2.9	64806	44710	3.393	76384	19.1	76809	4.777	60510	105	4.7
	15.0	2.7	6.2	64719	44723	3.250	75808	19.9	79483	4.843	62958	107	4.8
	20.0	4.6	10.7	64633	44736	3.106	75231	20.8	82157	4.909	65407	108	4.9
80	10.0	1.2	2.9	63079	44254	3.760	75907	16.8	84764	4.986	67751	109	5.0
	15.0	2.6	6.1	62992	44267	3.616	75331	17.4	87438	5.052	70200	110	5.1
	20.0	4.5	10.5	62905	44280	3.473	74754	18.1	90113	5.118	72648	112	5.2
90	10.0	1.2	2.8	60831	43507	4.240	75300	14.3	91799	5.178	74131	112	5.2
	15.0	2.6	6.0	60745	43520	4.097	74723	14.8	94473	5.244	76580	114	5.3
	20.0	4.5	10.3	60658	43533	3.953	74147	15.3	97148	5.310	79028	115	5.4
100	10.0	1.2	2.8	58065	42468	4.854	74626	12.0	Operation Not Recommended				
	15.0	2.6	5.9	57978	42481	4.710	74050	12.3					
	20.0	4.4	10.2	57891	42494	4.567	73473	12.7					
110	10.0	1.2	2.7	54778	41137	5.619	73950	9.7					
	15.0	2.5	5.9	54692	41150	5.475	73374	10.0					
	20.0	4.4	10.1	54605	41164	5.332	72797	10.2					
120	10.0	1.2	2.7	50972	39515	6.554	73336	7.8					
	15.0	2.5	5.8	50886	39528	6.411	72760	7.9					
	20.0	4.3	10.0	50799	39541	6.267	72183	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 86: WSSH070 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.8	4.2	Operation Not Recommended					46187	4.639	30357	88	2.9
	18.0	3.9	9.0						49715	4.736	33555	90	3.1
	24.0	6.7	15.4						53243	4.833	36753	91	3.2
30	12.0	1.8	4.1	80781	53495	3.121	91429	25.9	50429	4.742	34248	90	3.1
	18.0	3.8	8.8	80897	53548	2.979	91060	27.2	53957	4.839	37446	91	3.3
	24.0	6.6	15.2	81014	53600	2.836	90692	28.6	57485	4.935	40644	93	3.4
40	12.0	1.7	4.0	81126	54097	3.236	92168	25.1	58819	4.949	41933	93	3.5
	18.0	3.7	8.6	81242	54150	3.094	91800	26.3	62347	5.045	45131	94	3.6
	24.0	6.4	14.7	81359	54202	2.952	91431	27.6	65875	5.142	48329	96	3.8
50	12.0	1.7	3.9	79630	53690	3.413	91276	23.3	67081	5.158	49481	96	3.8
	18.0	3.6	8.3	79746	53743	3.271	90907	24.4	70609	5.255	52679	98	3.9
	24.0	6.2	14.3	79863	53796	3.129	90539	25.5	74137	5.351	55877	99	4.1
60	12.0	1.7	3.8	77120	52717	3.661	89612	21.1	75212	5.371	56886	100	4.1
	18.0	3.5	8.1	77237	52769	3.519	89243	22.0	78740	5.467	60084	101	4.2
	24.0	6.1	14.0	77353	52822	3.377	88874	22.9	82268	5.564	63282	102	4.3
70	12.0	1.6	3.7	74198	51502	3.989	87808	18.6	83210	5.588	64142	103	4.4
	18.0	3.5	8.0	74314	51554	3.847	87439	19.3	86738	5.685	67340	104	4.5
	24.0	5.9	13.7	74431	51607	3.704	87070	20.1	90266	5.782	70538	105	4.6
80	12.0	1.6	3.7	71238	50254	4.406	86271	16.2	91072	5.812	71241	106	4.6
	18.0	3.4	7.8	71354	50306	4.264	85903	16.7	94599	5.909	74439	107	4.7
	24.0	5.8	13.4	71471	50359	4.121	85534	17.3	98127	6.005	77637	109	4.8
90	12.0	1.6	3.6	68389	49063	4.922	85183	13.9	98794	6.042	78177	109	4.8
	18.0	3.3	7.7	68506	49116	4.779	84814	14.3	102322	6.139	81375	110	4.9
	24.0	5.7	13.2	68622	49169	4.637	84445	14.8	105850	6.236	84573	112	5.0
100	12.0	1.5	3.5	65576	47906	5.545	84497	11.8	Operation Not Recommended				
	18.0	3.3	7.6	65692	47958	5.403	84128	12.2					
	24.0	5.6	13.0	65809	48011	5.261	83759	12.5					
110	12.0	1.5	3.5	62493	46637	6.286	83942	9.9					
	18.0	3.3	7.5	62610	46690	6.144	83573	10.2					
	24.0	5.6	12.9	62726	46743	6.002	83204	10.5					
120	12.0	1.5	3.5	58612	44999	7.153	83020	8.2					
	18.0	3.2	7.4	58729	45051	7.011	82651	8.4					
	24.0	5.5	12.8	58845	45104	6.869	82282	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 87: WSDH024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.6	5.9	Operation Not Recommended					15423	1.667	9735	88	2.7
	6.0	4.9	11.3						16371	1.698	10578	89	2.8
	8.0	7.8	17.9						17319	1.729	11420	90	2.9
30	4.0	2.5	5.8	27053	17901	1.075	30720	25.2	16684	1.678	10958	89	2.9
	6.0	4.8	11.1	27175	17995	1.007	30610	27.0	17632	1.709	11801	90	3.0
	8.0	7.6	17.6	27297	18089	0.939	30500	29.1	18580	1.740	12644	91	3.1
40	4.0	2.5	5.7	27004	18290	1.139	30891	23.7	19495	1.724	13614	92	3.3
	6.0	4.7	10.8	27126	18384	1.071	30781	25.3	20443	1.755	14456	94	3.4
	8.0	7.4	17.1	27248	18478	1.003	30671	27.2	21392	1.785	15299	95	3.5
50	4.0	2.4	5.5	26735	18341	1.225	30915	21.8	22588	1.795	16465	96	3.7
	6.0	4.6	10.5	26857	18435	1.157	30805	23.2	23536	1.825	17308	97	3.8
	8.0	7.2	16.7	26980	18529	1.089	30695	24.8	24485	1.856	18151	98	3.9
60	4.0	2.3	5.4	26242	18111	1.332	30787	19.7	25838	1.883	19414	100	4.0
	6.0	4.5	10.3	26364	18205	1.264	30677	20.9	26787	1.914	20256	101	4.1
	8.0	7.0	16.3	26487	18299	1.196	30567	22.1	27735	1.945	21099	102	4.2
70	4.0	2.3	5.3	25519	17657	1.464	30512	17.4	29121	1.981	22361	104	4.3
	6.0	4.4	10.1	25641	17751	1.395	30402	18.4	30069	2.012	23204	105	4.4
	8.0	6.9	15.9	25763	17845	1.327	30292	19.4	31018	2.043	24047	106	4.4
80	4.0	2.2	5.2	24558	17036	1.626	30105	15.1	32311	2.081	25210	107	4.6
	6.0	4.3	9.9	24680	17130	1.558	29995	15.8	33259	2.112	26052	108	4.6
	8.0	6.8	15.6	24803	17224	1.490	29885	16.7	34207	2.143	26895	109	4.7
90	4.0	2.2	5.1	23355	16305	1.827	29588	12.8	35284	2.176	27860	111	4.8
	6.0	4.2	9.7	23477	16399	1.759	29478	13.3	36232	2.207	28702	112	4.8
	8.0	6.7	15.4	23599	16493	1.691	29368	14.0	37180	2.238	29545	113	4.9
100	4.0	2.2	5.0	21903	15522	2.078	28993	10.5	Operation Not Recommended				
	6.0	4.1	9.6	22026	15616	2.010	28883	11.0					
	8.0	6.6	15.1	22148	15710	1.942	28773	11.4					
110	4.0	2.1	5.0	20197	14742	2.393	28362	8.4					
	6.0	4.1	9.5	20319	14836	2.325	28252	8.7					
	8.0	6.5	15.0	20441	14930	2.257	28142	9.1					
120	4.0	2.1	4.9	18230	14024	2.788	27744	6.5					
	6.0	4.1	9.4	18352	14118	2.720	27634	6.7					
	8.0	6.4	14.8	18474	14212	2.652	27524	7.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 88: WSDH024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.6	5.9	Operation Not Recommended					10140	1.306	5685	83	2.3
	6.0	4.9	11.3						10616	1.308	6152	84	2.4
	8.0	7.8	17.9						11093	1.311	6620	85	2.5
30	4.0	2.5	5.8	20460	14213	0.601	22510	34.0	11095	1.273	6751	85	2.6
	6.0	4.8	11.1	20589	14283	0.559	22495	36.8	11571	1.276	7219	85	2.7
	8.0	7.6	17.6	20718	14353	0.517	22480	40.1	12048	1.278	7686	86	2.8
40	4.0	2.5	5.7	20733	14857	0.656	22971	31.6	13237	1.230	9039	87	3.2
	6.0	4.7	10.8	20862	14927	0.614	22956	34.0	13713	1.233	9507	88	3.3
	8.0	7.4	17.1	20991	14996	0.572	22941	36.7	14189	1.235	9974	89	3.4
50	4.0	2.4	5.5	20651	15085	0.724	23122	28.5	15596	1.212	11462	91	3.8
	6.0	4.6	10.5	20780	15155	0.682	23107	30.5	16073	1.214	11930	91	3.9
	8.0	7.2	16.7	20909	15225	0.640	23092	32.7	16549	1.217	12397	92	4.0
60	4.0	2.3	5.4	20256	14977	0.812	23026	25.0	18067	1.211	13935	94	4.4
	6.0	4.5	10.3	20385	15047	0.770	23011	26.5	18544	1.214	14403	94	4.5
	8.0	7.0	16.3	20514	15116	0.727	22996	28.2	19020	1.216	14870	95	4.6
70	4.0	2.3	5.3	19592	14610	0.923	22742	21.2	20542	1.222	16372	97	4.9
	6.0	4.4	10.1	19721	14680	0.881	22727	22.4	21018	1.225	16839	98	5.0
	8.0	6.9	15.9	19850	14749	0.839	22712	23.7	21494	1.227	17307	98	5.1
80	4.0	2.2	5.2	18700	14062	1.063	22326	17.6	22912	1.238	18687	100	5.4
	6.0	4.3	9.9	18829	14132	1.020	22310	18.5	23388	1.241	19155	101	5.5
	8.0	6.8	15.6	18958	14202	0.978	22295	19.4	23865	1.243	19622	101	5.6
90	4.0	2.2	5.1	17623	13413	1.233	21829	14.3	25070	1.253	20795	103	5.9
	6.0	4.2	9.7	17752	13482	1.190	21814	14.9	25547	1.256	21263	104	6.0
	8.0	6.7	15.4	17881	13552	1.148	21799	15.6	26023	1.258	21730	104	6.1
100	4.0	2.2	5.0	16403	12739	1.435	21301	11.4	Operation Not Recommended				
	6.0	4.1	9.6	16532	12808	1.393	21285	11.9					
	8.0	6.6	15.1	16661	12878	1.351	21270	12.3					
110	4.0	2.1	5.0	15083	12119	1.671	20786	9.0					
	6.0	4.1	9.5	15212	12189	1.629	20771	9.3					
	8.0	6.5	15.0	15341	12259	1.587	20755	9.7					
120	4.0	2.1	4.9	13706	11632	1.940	20326	7.1					
	6.0	4.1	9.4	13835	11702	1.898	20311	7.3					
	8.0	6.4	14.8	13964	11771	1.856	20296	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 89: WSDH030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.7	8.5	Operation Not Recommended					18539	1.996	11728	87	2.7
	7.5	7.0	16.1						19229	2.021	12333	88	2.8
	10.0	11.1	25.6						19919	2.046	12937	88	2.9
30	5.0	3.6	8.3	30262	19066	1.268	34587	23.9	20106	2.031	13178	89	2.9
	7.5	6.9	15.9	30338	19501	1.196	34418	25.4	20796	2.056	13782	89	3.0
	10.0	10.9	25.2	30414	19937	1.124	34248	27.1	21487	2.081	14387	90	3.0
40	5.0	3.5	8.1	31043	19745	1.369	35715	22.7	23854	2.114	16640	92	3.3
	7.5	6.7	15.4	31119	20180	1.297	35545	24.0	24544	2.139	17245	93	3.4
	10.0	10.6	24.4	31196	20616	1.225	35376	25.5	25234	2.164	17850	93	3.4
50	5.0	3.4	7.9	31220	20037	1.477	36260	21.1	27894	2.211	20348	96	3.7
	7.5	6.5	15.0	31296	20472	1.405	36090	22.3	28584	2.236	20953	96	3.7
	10.0	10.3	23.8	31372	20908	1.333	35920	23.5	29274	2.261	21558	97	3.8
60	5.0	3.3	7.7	30877	19996	1.603	36345	19.3	31734	2.315	23835	99	4.0
	7.5	6.4	14.7	30953	20431	1.531	36176	20.2	32424	2.340	24440	100	4.1
	10.0	10.1	23.2	31029	20867	1.459	36006	21.3	33115	2.365	25045	101	4.1
70	5.0	3.3	7.5	30099	19676	1.755	36088	17.1	35044	2.418	26794	102	4.2
	7.5	6.2	14.4	30175	20112	1.683	35918	17.9	35734	2.443	27398	103	4.3
	10.0	9.8	22.7	30252	20547	1.611	35749	18.8	36424	2.468	28003	104	4.3
80	5.0	3.2	7.4	28973	19133	1.941	35596	14.9	37651	2.513	29077	105	4.4
	7.5	6.1	14.1	29049	19568	1.869	35427	15.5	38341	2.538	29681	105	4.4
	10.0	9.7	22.3	29125	20004	1.797	35257	16.2	39031	2.563	30286	106	4.5
90	5.0	3.1	7.3	27583	18420	2.165	34971	12.7	39544	2.593	30696	106	4.5
	7.5	6.0	13.9	27659	18855	2.093	34801	13.2	40234	2.618	31301	107	4.5
	10.0	9.5	21.9	27736	19290	2.021	34631	13.7	40924	2.643	31906	108	4.5
100	5.0	3.1	7.2	26016	17592	2.429	34304	10.7	Operation Not Recommended				
	7.5	5.9	13.7	26092	18027	2.357	34134	11.1					
	10.0	9.4	21.6	26168	18462	2.285	33965	11.5					
110	5.0	3.1	7.1	24355	16703	2.733	33682	8.9					
	7.5	5.9	13.5	24432	17138	2.661	33512	9.2					
	10.0	9.3	21.4	24508	17574	2.589	33343	9.5					
120	5.0	3.0	7.0	22688	15808	3.075	33182	7.4					
	7.5	5.8	13.4	22764	16243	3.003	33012	7.6					
	10.0	9.2	21.2	22841	16679	2.931	32843	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 90: WSDH030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.7	8.5	Operation Not Recommended					14851	1.572	9489	85	2.8
	7.5	7.0	16.1						15271	1.576	9895	86	2.8
	10.0	11.1	25.6						15690	1.580	10300	86	2.9
30	5.0	3.6	8.3	23879	16260	0.797	26600	29.9	16278	1.568	10927	87	3.0
	7.5	6.9	15.9	23915	16246	0.749	26472	31.9	16697	1.572	11333	87	3.1
	10.0	10.9	25.2	23951	16233	0.701	26344	34.2	17116	1.576	11738	87	3.2
40	5.0	3.5	8.1	24750	17209	0.857	27674	28.9	19197	1.568	13845	90	3.6
	7.5	6.7	15.4	24786	17195	0.809	27546	30.6	19616	1.572	14251	90	3.7
	10.0	10.6	24.4	24822	17182	0.761	27418	32.6	20035	1.576	14656	90	3.7
50	5.0	3.4	7.9	24943	17571	0.940	28151	26.5	22113	1.576	16736	93	4.1
	7.5	6.5	15.0	24979	17557	0.892	28023	28.0	22532	1.580	17141	93	4.2
	10.0	10.3	23.8	25015	17543	0.844	27895	29.6	22951	1.584	17547	93	4.2
60	5.0	3.3	7.7	24618	17568	1.049	28198	23.5	24919	1.588	19499	95	4.6
	7.5	6.4	14.7	24654	17554	1.001	28070	24.6	25338	1.592	19904	96	4.7
	10.0	10.1	23.2	24690	17540	0.953	27942	25.9	25757	1.596	20310	96	4.7
70	5.0	3.3	7.5	23911	17357	1.185	27954	20.2	27508	1.604	22035	98	5.0
	7.5	6.2	14.4	23947	17343	1.137	27826	21.1	27927	1.608	22440	99	5.1
	10.0	9.8	22.7	23984	17329	1.089	27698	22.0	28346	1.612	22845	99	5.2
80	5.0	3.2	7.4	22936	17030	1.349	27539	17.0	29773	1.621	24243	100	5.4
	7.5	6.1	14.1	22972	17016	1.301	27411	17.7	30192	1.625	24649	101	5.4
	10.0	9.7	22.3	23008	17002	1.253	27282	18.4	30611	1.629	25054	101	5.5
90	5.0	3.1	7.3	21781	16611	1.543	27045	14.1	31607	1.636	26025	102	5.7
	7.5	6.0	13.9	21818	16598	1.494	26917	14.6	32026	1.640	26430	103	5.7
	10.0	9.5	21.9	21854	16584	1.446	26789	15.1	32445	1.644	26835	103	5.8
100	5.0	3.1	7.2	20512	16062	1.768	26543	11.6	Operation Not Recommended				
	7.5	5.9	13.7	20548	16048	1.720	26415	11.9					
	10.0	9.4	21.6	20584	16034	1.671	26287	12.3					
110	5.0	3.1	7.1	19168	15275	2.025	26079	9.5					
	7.5	5.9	13.5	19204	15262	1.977	25951	9.7					
	10.0	9.3	21.4	19240	15248	1.929	25823	10.0					
120	5.0	3.0	7.0	17767	14080	2.317	25674	7.7					
	7.5	5.8	13.4	17803	14067	2.269	25546	7.8					
	10.0	9.2	21.2	17839	14053	2.221	25418	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 91: WSDH036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.0	6.9	Operation Not Recommended					23104	2.694	13913	88	2.5
	9.0	5.9	13.6						24229	2.719	14952	89	2.6
	12.0	9.5	21.8						25353	2.744	15990	89	2.7
30	6.0	3.0	6.8	36742	24378	1.639	42336	22.4	24852	2.626	15892	89	2.8
	9.0	5.8	13.4	37024	24604	1.565	42363	23.7	25976	2.651	16931	90	2.9
	12.0	9.3	21.5	37306	24829	1.490	42391	25.0	27101	2.676	17969	91	3.0
40	6.0	2.9	6.6	37660	25367	1.752	43638	21.5	28744	2.555	20026	92	3.3
	9.0	5.6	13.0	37942	25592	1.677	43666	22.6	29868	2.580	21064	93	3.4
	12.0	9.0	20.9	38224	25818	1.603	43693	23.8	30992	2.605	22103	94	3.5
50	6.0	2.8	6.5	37869	25899	1.877	44272	20.2	32988	2.555	24270	95	3.8
	9.0	5.5	12.6	38150	26125	1.802	44299	21.2	34112	2.580	25308	96	3.9
	12.0	8.8	20.3	38432	26350	1.728	44327	22.2	35236	2.605	26347	97	4.0
60	6.0	2.7	6.3	37473	26044	2.017	44354	18.6	37371	2.606	28478	99	4.2
	9.0	5.3	12.3	37755	26269	1.942	44382	19.4	38495	2.631	29516	100	4.3
	12.0	8.6	19.8	38037	26495	1.868	44409	20.4	39620	2.657	30555	100	4.4
70	6.0	2.7	6.2	36580	25868	2.176	44007	16.8	41682	2.691	32502	102	4.5
	9.0	5.2	12.1	36862	26094	2.102	44034	17.5	42807	2.716	33540	103	4.6
	12.0	8.4	19.4	37144	26319	2.027	44061	18.3	43931	2.741	34579	104	4.7
80	6.0	2.6	6.1	35297	25441	2.361	43352	15.0	45709	2.788	36195	105	4.8
	9.0	5.1	11.8	35578	25667	2.286	43379	15.6	46834	2.814	37233	106	4.9
	12.0	8.2	19.0	35860	25892	2.212	43407	16.2	47958	2.839	38271	107	5.0
90	6.0	2.6	6.0	33728	24830	2.575	42516	13.1	49240	2.881	39409	108	5.0
	9.0	5.0	11.6	34010	25056	2.501	42543	13.6	50364	2.906	40447	109	5.1
	12.0	8.1	18.7	34292	25281	2.426	42571	14.1	51489	2.932	41485	110	5.1
100	6.0	2.5	5.9	31982	24103	2.827	41627	11.3	Operation Not Recommended				
	9.0	5.0	11.5	32263	24329	2.752	41655	11.7					
	12.0	8.0	18.5	32545	24554	2.678	41682	12.2					
110	6.0	2.5	5.8	30163	23328	3.122	40817	9.7					
	9.0	4.9	11.3	30445	23554	3.048	40845	10.0					
	12.0	7.9	18.3	30727	23779	2.973	40872	10.3					
120	6.0	2.5	5.8	28379	22573	3.470	40220	8.2					
	9.0	4.9	11.2	28661	22799	3.396	40248	8.4					
	12.0	7.8	18.1	28943	23024	3.321	40275	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 92: WSDH036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.0	6.9	Operation Not Recommended					17022	2.061	9988	84	2.4
	9.0	5.9	13.6						17651	2.060	10623	84	2.5
	12.0	9.5	21.8						18280	2.058	11258	85	2.6
30	6.0	3.0	6.8	26886	19070	0.955	30145	28.2	18265	1.973	11532	85	2.7
	9.0	5.8	13.4	26856	19102	0.909	29957	29.5	18894	1.972	12167	85	2.8
	12.0	9.3	21.5	26826	19135	0.863	29770	31.1	19523	1.970	12802	86	2.9
40	6.0	2.9	6.6	28309	20420	1.041	31860	27.2	21061	1.843	14773	87	3.3
	9.0	5.6	13.0	28279	20453	0.995	31673	28.4	21690	1.841	15408	88	3.5
	12.0	9.0	20.9	28249	20485	0.948	31486	29.8	22319	1.839	16043	88	3.6
50	6.0	2.8	6.5	28827	21179	1.142	32723	25.2	24156	1.764	18137	90	4.0
	9.0	5.5	12.6	28797	21211	1.096	32535	26.3	24785	1.762	18772	90	4.1
	12.0	8.8	20.3	28767	21244	1.049	32348	27.4	25414	1.761	19407	91	4.2
60	6.0	2.7	6.3	28598	21447	1.260	32898	22.7	27413	1.725	21526	92	4.7
	9.0	5.3	12.3	28568	21479	1.214	32710	23.5	28042	1.724	22161	93	4.8
	12.0	8.6	19.8	28538	21511	1.168	32523	24.4	28672	1.722	22796	93	4.9
70	6.0	2.7	6.2	27778	21324	1.399	32550	19.9	30696	1.716	24842	95	5.2
	9.0	5.2	12.1	27748	21356	1.353	32363	20.5	31326	1.714	25477	96	5.4
	12.0	8.4	19.4	27718	21389	1.306	32176	21.2	31955	1.712	26112	96	5.5
80	6.0	2.6	6.1	26525	20912	1.560	31847	17.0	33869	1.724	27986	98	5.8
	9.0	5.1	11.8	26495	20944	1.514	31660	17.5	34498	1.722	28621	98	5.9
	12.0	8.2	19.0	26465	20977	1.468	31473	18.0	35128	1.721	29256	99	6.0
90	6.0	2.6	6.0	24997	20310	1.747	30956	14.3	36795	1.739	30861	100	6.2
	9.0	5.0	11.6	24967	20343	1.701	30769	14.7	37424	1.737	31497	101	6.3
	12.0	8.1	18.7	24937	20375	1.654	30582	15.1	38053	1.735	32132	101	6.4
100	6.0	2.5	5.9	23350	19621	1.962	30046	11.9	Operation Not Recommended				
	9.0	5.0	11.5	23320	19653	1.916	29859	12.2					
	12.0	8.0	18.5	23290	19686	1.870	29671	12.5					
110	6.0	2.5	5.8	21743	18944	2.210	29285	9.8					
	9.0	4.9	11.3	21713	18976	2.164	29098	10.0					
	12.0	7.9	18.3	21683	19009	2.118	28910	10.2					
120	6.0	2.5	5.8	20333	18380	2.494	28844	8.2					
	9.0	4.9	11.2	20303	18413	2.448	28657	8.3					
	12.0	7.8	18.1	20273	18445	2.402	28470	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 93: WSDH042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					27964	2.797	18419	88	2.9
	10.5	7.6	17.5						29296	2.834	19626	89	3.0
	14.0	12.2	28.1						30628	2.871	20832	90	3.1
30	7.0	3.8	8.8	45951	29956	1.847	52255	24.9	30246	2.830	20590	90	3.1
	10.5	7.5	17.2	46351	30150	1.743	52298	26.6	31579	2.867	21797	91	3.2
	14.0	12.0	27.7	46750	30345	1.639	52342	28.5	32911	2.904	23003	92	3.3
40	7.0	3.7	8.6	45771	30575	1.979	52524	23.1	35074	2.912	25139	93	3.5
	10.5	7.3	16.7	46170	30770	1.875	52568	24.6	36407	2.949	26345	94	3.6
	14.0	11.7	26.9	46570	30964	1.771	52611	26.3	37739	2.985	27552	95	3.7
50	7.0	3.6	8.3	45265	30857	2.145	52582	21.1	40117	3.011	29842	96	3.9
	10.5	7.1	16.3	45664	31051	2.040	52626	22.4	41449	3.048	31048	97	4.0
	14.0	11.4	26.2	46063	31246	1.936	52669	23.8	42782	3.085	32255	98	4.1
60	7.0	3.5	8.1	44451	30839	2.338	52428	19.0	45213	3.124	34554	100	4.2
	10.5	6.9	15.9	44850	31034	2.234	52471	20.1	46545	3.161	35760	100	4.3
	14.0	11.1	25.6	45249	31228	2.129	52515	21.3	47877	3.198	36967	101	4.4
70	7.0	3.5	8.0	43347	30561	2.558	52074	16.9	50199	3.244	39129	103	4.5
	10.5	6.7	15.6	43747	30756	2.453	52118	17.8	51531	3.281	40336	104	4.6
	14.0	10.8	25.0	44146	30950	2.349	52161	18.8	52864	3.318	41542	105	4.7
80	7.0	3.4	7.8	41973	30063	2.806	51547	15.0	54915	3.368	43423	106	4.8
	10.5	6.6	15.3	42372	30257	2.702	51591	15.7	56247	3.405	44630	107	4.8
	14.0	10.6	24.6	42772	30451	2.597	51634	16.5	57579	3.442	45836	108	4.9
90	7.0	3.3	7.7	40346	29381	3.089	50885	13.1	59198	3.490	47290	109	5.0
	10.5	6.5	15.0	40745	29576	2.984	50929	13.7	60530	3.527	48496	110	5.0
	14.0	10.5	24.2	41145	29770	2.880	50972	14.3	61862	3.564	49703	111	5.1
100	7.0	3.3	7.6	38484	28557	3.416	50141	11.3	Operation Not Recommended				
	10.5	6.4	14.8	38884	28751	3.312	50184	11.7					
	14.0	10.3	23.8	39283	28946	3.208	50228	12.2					
110	7.0	3.2	7.5	36406	27628	3.802	49378	9.6					
	10.5	6.3	14.6	36806	27823	3.697	49422	10.0					
	14.0	10.2	23.6	37205	28017	3.593	49465	10.4					
120	7.0	3.2	7.4	34131	26634	4.263	48677	8.0					
	10.5	6.3	14.5	34530	26828	4.159	48720	8.3					
	14.0	10.1	23.3	34930	27023	4.054	48764	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 94: WSDH042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					20757	2.380	12636	86	2.6
	10.5	7.6	17.5						21514	2.383	13382	87	2.6
	14.0	12.2	28.1						22272	2.387	14128	87	2.7
30	7.0	3.8	8.8	34416	23409	1.093	38145	31.5	22460	2.345	14458	88	2.8
	10.5	7.5	17.2	34409	23297	1.025	37905	33.6	23217	2.348	15204	88	2.9
	14.0	12.0	27.7	34402	23185	0.957	37666	36.0	23975	2.352	15950	89	3.0
40	7.0	3.7	8.6	34085	23979	1.220	38247	27.9	26083	2.277	18315	90	3.4
	10.5	7.3	16.7	34077	23868	1.152	38008	29.6	26840	2.280	19061	91	3.5
	14.0	11.7	26.9	34070	23756	1.084	37768	31.4	27597	2.283	19807	92	3.5
50	7.0	3.6	8.3	33562	24141	1.330	38099	25.2	29892	2.213	22341	93	4.0
	10.5	7.1	16.3	33554	24029	1.262	37860	26.6	30649	2.216	23087	94	4.1
	14.0	11.4	26.2	33547	23917	1.194	37620	28.1	31406	2.219	23833	95	4.1
60	7.0	3.5	8.1	32840	23986	1.454	37801	22.6	33764	2.158	26401	97	4.6
	10.5	6.9	15.9	32833	23875	1.386	37562	23.7	34521	2.161	27147	97	4.7
	14.0	11.1	25.6	32825	23763	1.318	37322	24.9	35279	2.164	27893	98	4.8
70	7.0	3.5	8.0	31913	23610	1.614	37421	19.8	37576	2.115	30359	100	5.2
	10.5	6.7	15.6	31905	23498	1.546	37182	20.6	38333	2.119	31105	100	5.3
	14.0	10.8	25.0	31898	23387	1.478	36942	21.6	39091	2.122	31851	101	5.4
80	7.0	3.4	7.8	30773	23106	1.824	36995	16.9	41205	2.089	34077	102	5.8
	10.5	6.6	15.3	30765	22994	1.756	36756	17.5	41963	2.092	34824	103	5.9
	14.0	10.6	24.6	30758	22883	1.688	36517	18.2	42720	2.096	35570	104	6.0
90	7.0	3.3	7.7	29413	22568	2.085	36529	14.1	44528	2.083	37421	105	6.3
	10.5	6.5	15.0	29405	22456	2.018	36289	14.6	45286	2.086	38167	106	6.4
	14.0	10.5	24.2	29398	22345	1.950	36050	15.1	46043	2.089	38913	106	6.5
100	7.0	3.3	7.6	27825	22090	2.394	35993	11.6	Operation Not Recommended				
	10.5	6.4	14.8	27818	21979	2.326	35754	12.0					
	14.0	10.3	23.8	27811	21867	2.258	35514	12.3					
110	7.0	3.2	7.5	26004	21767	2.733	35329	9.5					
	10.5	6.3	14.6	25997	21655	2.665	35089	9.8					
	14.0	10.2	23.6	25989	21544	2.597	34850	10.0					
120	7.0	3.2	7.4	23941	21692	3.078	34445	7.8					
	10.5	6.3	14.5	23934	21580	3.010	34205	8.0					
	14.0	10.1	23.3	23926	21468	2.942	33966	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 95: WSDH048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.4	5.6	Operation Not Recommended					31400	3.215	20429	88	2.9
	12.0	5.2	11.9						34044	3.289	22821	90	3.0
	16.0	8.8	20.4						36687	3.363	25212	92	3.2
30	8.0	2.4	5.5	43091	31508	2.174	50508	19.8	34488	3.273	23319	90	3.1
	12.0	5.1	11.7	43278	31649	2.058	50299	21.0	37131	3.347	25711	92	3.3
	16.0	8.7	20.0	43465	31791	1.942	50090	22.4	39775	3.421	28102	93	3.4
40	8.0	2.3	5.4	47633	34253	2.354	55665	20.2	41063	3.411	29426	94	3.5
	12.0	4.9	11.4	47820	34395	2.238	55456	21.4	43707	3.485	31817	96	3.7
	16.0	8.4	19.5	48007	34537	2.122	55247	22.6	46350	3.558	34209	97	3.8
50	8.0	2.3	5.2	50138	35830	2.553	58849	19.6	47963	3.570	35781	98	3.9
	12.0	4.8	11.1	50325	35972	2.437	58640	20.7	50606	3.644	38173	100	4.1
	16.0	8.2	18.9	50512	36114	2.321	58430	21.8	53250	3.718	40564	101	4.2
60	8.0	2.2	5.1	50922	36442	2.776	60393	18.3	54934	3.743	42163	102	4.3
	12.0	4.7	10.8	51109	36584	2.660	60184	19.2	57577	3.817	44554	104	4.4
	16.0	8.0	18.5	51296	36726	2.543	59975	20.2	60221	3.890	46946	105	4.5
70	8.0	2.2	5.0	50316	36290	3.028	60649	16.6	61722	3.920	48347	106	4.6
	12.0	4.6	10.6	50504	36432	2.912	60440	17.3	64366	3.994	50738	108	4.7
	16.0	7.8	18.1	50691	36574	2.796	60231	18.1	67009	4.068	53130	109	4.8
80	8.0	2.1	4.9	48666	35578	3.316	59982	14.7	68076	4.093	54110	110	4.9
	12.0	4.5	10.4	48853	35720	3.200	59773	15.3	70720	4.167	56501	112	5.0
	16.0	7.7	17.8	49041	35862	3.084	59564	15.9	73363	4.241	58892	113	5.1
90	8.0	2.1	4.8	46333	34509	3.646	58772	12.7	73743	4.254	59228	113	5.1
	12.0	4.4	10.2	46520	34650	3.530	58563	13.2	76387	4.328	61619	115	5.2
	16.0	7.6	17.5	46707	34792	3.413	58354	13.7	79030	4.402	64011	117	5.3
100	8.0	2.1	4.8	43691	33283	4.022	57413	10.9	Operation Not Recommended				
	12.0	4.4	10.1	43878	33425	3.906	57204	11.2					
	16.0	7.5	17.2	44065	33567	3.789	56995	11.6					
110	8.0	2.0	4.7	41131	32105	4.450	56317	9.2					
	12.0	4.3	10.0	41318	32247	4.334	56107	9.5					
	16.0	7.4	17.0	41505	32389	4.218	55898	9.8					
120	8.0	2.0	4.7	39060	31176	4.937	55906	7.9					
	12.0	4.3	9.9	39247	31318	4.821	55697	8.1					
	16.0	7.3	16.9	39434	31460	4.705	55488	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 96: WSDH048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.4	5.6	Operation Not Recommended					20381	2.450	12021	84	2.4
	12.0	5.2	11.9						21549	2.458	13163	85	2.6
	16.0	8.8	20.4						22718	2.465	14306	86	2.7
30	8.0	2.4	5.5	31830	25271	1.344	36416	23.7	22592	2.452	14226	85	2.7
	12.0	5.1	11.7	32079	25306	1.277	36435	25.1	23760	2.459	15368	86	2.8
	16.0	8.7	20.0	32328	25340	1.209	36454	26.7	24928	2.467	16511	87	3.0
40	8.0	2.3	5.4	35457	27320	1.444	40385	24.6	27419	2.458	19034	89	3.3
	12.0	4.9	11.4	35707	27355	1.377	40404	25.9	28587	2.465	20176	90	3.4
	16.0	8.4	19.5	35956	27390	1.309	40423	27.5	29756	2.473	21319	90	3.5
50	8.0	2.3	5.2	36802	28514	1.584	42206	23.2	32606	2.466	24192	92	3.9
	12.0	4.8	11.1	37051	28549	1.517	42225	24.4	33775	2.474	25334	93	4.0
	16.0	8.2	18.9	37300	28584	1.449	42244	25.7	34943	2.481	26477	94	4.1
60	8.0	2.2	5.1	36659	28979	1.762	42671	20.8	37937	2.477	29486	96	4.5
	12.0	4.7	10.8	36908	29014	1.695	42690	21.8	39105	2.484	30628	97	4.6
	16.0	8.0	18.5	37157	29049	1.627	42709	22.8	40273	2.492	31771	98	4.7
70	8.0	2.2	5.0	35641	28843	1.976	42385	18.0	43193	2.489	34700	100	5.1
	12.0	4.6	10.6	35890	28878	1.909	42404	18.8	44361	2.497	35842	100	5.2
	16.0	7.8	18.1	36139	28913	1.842	42423	19.6	45530	2.504	36985	101	5.3
80	8.0	2.1	4.9	34173	28232	2.225	41767	15.4	48159	2.503	39619	103	5.6
	12.0	4.5	10.4	34423	28267	2.158	41786	16.0	49327	2.510	40761	104	5.8
	16.0	7.7	17.8	34672	28302	2.091	41805	16.6	50495	2.518	41904	105	5.9
90	8.0	2.1	4.8	32498	27273	2.507	41053	13.0	52617	2.517	44027	106	6.1
	12.0	4.4	10.2	32747	27308	2.440	41072	13.4	53785	2.525	45170	107	6.2
	16.0	7.6	17.5	32996	27343	2.372	41091	13.9	54953	2.532	46312	108	6.4
100	8.0	2.1	4.8	30669	26092	2.820	40292	10.9	Operation Not Recommended				
	12.0	4.4	10.1	30918	26127	2.753	40311	11.2					
	16.0	7.5	17.2	31167	26162	2.685	40330	11.6					
110	8.0	2.0	4.7	28557	24816	3.163	39349	9.0					
	12.0	4.3	10.0	28807	24851	3.095	39368	9.3					
	16.0	7.4	17.0	29056	24886	3.028	39387	9.6					
120	8.0	2.0	4.7	25848	23573	3.533	37902	7.3					
	12.0	4.3	9.9	26097	23608	3.465	37921	7.5					
	16.0	7.3	16.9	26346	23642	3.398	37940	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 97: WSDH060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.3	5.3	Operation Not Recommended					43232	3.975	29669	90	3.2
	15.0	5.1	11.9						45596	4.053	31768	91	3.3
	20.0	9.1	21.0						47961	4.130	33867	92	3.4
30	10.0	2.3	5.2	49681	38445	2.489	58174	20.0	46930	4.058	33083	92	3.4
	15.0	5.1	11.7	49878	38489	2.354	57910	21.2	49295	4.136	35182	93	3.5
	20.0	9.0	20.7	50075	38533	2.219	57647	22.6	51659	4.214	37281	94	3.6
40	10.0	2.2	5.1	58183	42831	2.923	68158	19.9	54628	4.243	40149	95	3.8
	15.0	4.9	11.3	58380	42875	2.788	67895	20.9	56993	4.321	42248	97	3.9
	20.0	8.7	20.1	58577	42918	2.653	67631	22.1	59357	4.399	44347	98	4.0
50	10.0	2.1	4.9	62038	44810	3.264	73177	19.0	62596	4.449	47416	99	4.1
	15.0	4.8	11.0	62235	44854	3.129	72913	19.9	64961	4.527	49515	100	4.2
	20.0	8.5	19.5	62433	44897	2.994	72649	20.9	67326	4.605	51614	101	4.3
60	10.0	2.1	4.8	62915	45272	3.563	75071	17.7	70679	4.670	54744	103	4.4
	15.0	4.7	10.8	63112	45315	3.428	74807	18.4	73044	4.748	56843	104	4.5
	20.0	8.3	19.1	63309	45359	3.293	74544	19.2	75409	4.826	58942	105	4.6
70	10.0	2.0	4.7	62085	44892	3.860	75257	16.1	78721	4.903	61992	107	4.7
	15.0	4.6	10.6	62282	44935	3.725	74993	16.7	81086	4.981	64091	108	4.8
	20.0	8.1	18.7	62480	44979	3.590	74729	17.4	83450	5.059	66190	109	4.8
80	10.0	2.0	4.6	60429	44132	4.189	74722	14.4	86565	5.142	69020	110	4.9
	15.0	4.5	10.4	60626	44176	4.054	74458	15.0	88930	5.220	71119	111	5.0
	20.0	7.9	18.3	60823	44219	3.919	74195	15.5	91294	5.298	73218	113	5.1
90	10.0	2.0	4.6	58428	43241	4.572	74030	12.8	94056	5.383	75687	114	5.1
	15.0	4.4	10.2	58625	43285	4.437	73766	13.2	96420	5.461	77786	115	5.2
	20.0	7.8	18.0	58822	43329	4.302	73502	13.7	98785	5.539	79885	116	5.2
100	10.0	2.0	4.5	56171	42255	5.025	73315	11.2	Operation Not Recommended				
	15.0	4.4	10.0	56368	42298	4.890	73052	11.5					
	20.0	7.7	17.8	56565	42342	4.755	72788	11.9					
110	10.0	1.9	4.4	53350	40994	5.550	72288	9.6					
	15.0	4.3	9.9	53547	41038	5.415	72024	9.9					
	20.0	7.6	17.6	53744	41081	5.280	71761	10.2					
120	10.0	1.9	4.4	49263	39068	6.145	70231	8.0					
	15.0	4.3	9.8	49460	39111	6.010	69967	8.2					
	20.0	7.5	17.4	49657	39155	5.875	69704	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 98: WSDH060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.3	5.3	Operation Not Recommended					29272	2.935	19257	85	2.9
	15.0	5.1	11.9						30733	2.953	20659	86	3.1
	20.0	9.1	21.0						32195	2.970	22060	87	3.2
30	10.0	2.3	5.2	43057	33681	1.605	48532	26.8	31859	2.954	21778	87	3.2
	15.0	5.1	11.7	43076	33652	1.516	48249	28.4	33321	2.972	23180	88	3.3
	20.0	9.0	20.7	43096	33624	1.427	47965	30.2	34782	2.990	24581	88	3.4
40	10.0	2.2	5.1	46337	36358	1.753	52319	26.4	37691	3.006	27435	90	3.7
	15.0	4.9	11.3	46356	36330	1.664	52035	27.9	39153	3.023	28837	91	3.8
	20.0	8.7	20.1	46375	36301	1.576	51752	29.4	40615	3.041	30239	91	3.9
50	10.0	2.1	4.9	47539	37431	1.940	54158	24.5	44149	3.069	33677	93	4.2
	15.0	4.8	11.0	47558	37403	1.851	53875	25.7	45611	3.087	35079	94	4.3
	20.0	8.5	19.5	47577	37374	1.762	53591	27.0	47073	3.104	36480	95	4.4
60	10.0	2.1	4.8	47357	37523	2.165	54746	21.9	50931	3.139	40219	97	4.8
	15.0	4.7	10.8	47377	37494	2.077	54463	22.8	52393	3.157	41621	98	4.9
	20.0	8.3	19.1	47396	37466	1.988	54179	23.8	53854	3.174	43023	98	5.0
70	10.0	2.0	4.7	46316	37088	2.431	54610	19.1	57733	3.210	46779	101	5.3
	15.0	4.6	10.6	46336	37060	2.342	54327	19.8	59195	3.228	48181	101	5.4
	20.0	8.1	18.7	46355	37031	2.253	54043	20.6	60656	3.245	49583	102	5.5
80	10.0	2.0	4.6	44773	36416	2.737	54110	16.4	64253	3.277	53073	104	5.7
	15.0	4.5	10.4	44792	36388	2.648	53827	16.9	65715	3.294	54475	105	5.8
	20.0	7.9	18.3	44811	36359	2.559	53543	17.5	67177	3.312	55876	105	5.9
90	10.0	2.0	4.6	42914	35626	3.084	53437	13.9	70190	3.333	58817	107	6.2
	15.0	4.4	10.2	42933	35597	2.995	53153	14.3	71651	3.351	60218	108	6.3
	20.0	7.8	18.0	42952	35569	2.907	52870	14.8	73113	3.368	61620	109	6.4
100	10.0	2.0	4.5	40759	34670	3.474	52613	11.7	Operation Not Recommended				
	15.0	4.4	10.0	40778	34641	3.385	52329	12.0					
	20.0	7.7	17.8	40797	34613	3.297	52046	12.4					
110	10.0	1.9	4.4	38159	33331	3.908	51493	9.8					
	15.0	4.3	9.9	38178	33302	3.819	51210	10.0					
	20.0	7.6	17.6	38197	33274	3.730	50926	10.2					
120	10.0	1.9	4.4	34796	31226	4.386	49763	7.9					
	15.0	4.3	9.8	34815	31197	4.298	49480	8.1					
	20.0	7.5	17.4	34835	31169	4.209	49196	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 99: WSDH070 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	5.1	11.7	Operation Not Recommended					47107	4.505	31737	89	3.1
	18.0	10.9	25.1						49699	4.579	34076	90	3.2
	24.0	18.7	43.1						52291	4.653	36415	91	3.3
30	12.0	2.7	6.1	71220	52135	3.271	82382	21.8	51229	4.590	35566	91	3.3
	18.0	6.8	15.8	71543	52281	3.116	82174	23.0	53822	4.665	37906	92	3.4
	24.0	13.3	30.8	71865	52427	2.960	81967	24.3	56414	4.739	40245	93	3.5
40	12.0	2.6	6.0	77159	54298	3.527	89195	21.9	60127	4.785	43800	95	3.7
	18.0	6.6	15.3	77482	54444	3.372	88988	23.0	62719	4.859	46139	96	3.8
	24.0	13.0	29.9	77805	54590	3.217	88781	24.2	65312	4.933	48478	97	3.9
50	12.0	2.5	5.8	78219	54588	3.793	91163	20.6	69517	5.004	52441	98	4.1
	18.0	6.5	14.9	78542	54734	3.638	90956	21.6	72110	5.079	54781	99	4.2
	24.0	12.6	29.1	78865	54880	3.483	90748	22.6	74702	5.153	57120	100	4.2
60	12.0	2.5	5.7	76545	53824	4.084	90479	18.7	79018	5.242	61131	102	4.4
	18.0	6.3	14.5	76868	53971	3.928	90272	19.6	81610	5.316	63470	103	4.5
	24.0	12.3	28.4	77190	54117	3.773	90065	20.5	84202	5.390	65809	104	4.6
70	12.0	2.4	5.5	73709	52608	4.413	88768	16.7	88326	5.491	69591	106	4.7
	18.0	6.2	14.2	74032	52755	4.258	88560	17.4	90918	5.565	71930	107	4.8
	24.0	12.0	27.8	74354	52901	4.103	88353	18.1	93511	5.639	74269	108	4.9
80	12.0	2.4	5.4	70713	51319	4.796	87079	14.7	97221	5.743	77624	110	5.0
	18.0	6.1	14.0	71036	51465	4.641	86871	15.3	99813	5.818	79963	111	5.0
	24.0	11.8	27.3	71358	51611	4.486	86664	15.9	102406	5.892	82302	112	5.1
90	12.0	2.3	5.3	67985	50114	5.248	85892	13.0	105562	5.993	85112	113	5.2
	18.0	6.0	13.7	68308	50260	5.092	85684	13.4	108155	6.068	87451	114	5.2
	24.0	11.6	26.8	68631	50407	4.937	85477	13.9	110747	6.142	89790	115	5.3
100	12.0	2.3	5.3	65384	48933	5.782	85114	11.3	Operation Not Recommended				
	18.0	5.9	13.5	65706	49079	5.627	84907	11.7					
	24.0	11.5	26.5	66029	49225	5.472	84699	12.1					
110	12.0	2.3	5.2	62193	47493	6.415	84080	9.7					
	18.0	5.8	13.4	62516	47639	6.259	83873	10.0					
	24.0	11.3	26.2	62838	47785	6.104	83666	10.3					
120	12.0	2.2	5.2	57126	45290	7.159	81555	8.0					
	18.0	5.8	13.3	57449	45436	7.004	81347	8.2					
	24.0	11.2	25.9	57772	45582	6.849	81140	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 100: WSDH070 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	5.1	11.7	Operation Not Recommended					32786	3.485	20895	85	2.8
	18.0	10.9	25.1						34290	3.500	22349	86	2.9
	24.0	18.7	43.1						35794	3.514	23802	87	3.0
30	12.0	5.0	11.5	53910	42580	1.767	59940	30.5	36290	3.508	24322	87	3.0
	18.0	10.7	24.7	54229	42611	1.666	59914	32.5	37794	3.522	25775	88	3.1
	24.0	18.4	42.4	54548	42642	1.565	59887	34.9	39298	3.537	27228	88	3.3
40	12.0	4.9	11.2	58472	45466	1.909	64986	30.6	43496	3.551	31380	90	3.6
	18.0	10.4	24.0	58791	45498	1.808	64959	32.5	45000	3.566	32834	91	3.7
	24.0	17.9	41.2	59110	45529	1.707	64933	34.6	46504	3.580	34287	92	3.8
50	12.0	4.7	10.9	59398	46179	2.109	66596	28.2	50877	3.592	38622	94	4.2
	18.0	10.1	23.4	59717	46211	2.008	66569	29.7	52381	3.606	40075	95	4.3
	24.0	17.4	40.1	60036	46242	1.907	66542	31.5	53885	3.621	41529	95	4.4
60	12.0	4.6	10.6	58205	45658	2.368	66285	24.6	58303	3.631	45914	97	4.7
	18.0	9.9	22.8	58524	45689	2.267	66258	25.8	59807	3.646	47367	98	4.8
	24.0	17.0	39.1	58843	45721	2.165	66231	27.2	61311	3.660	48821	99	4.9
70	12.0	4.5	10.4	56012	44591	2.685	65172	20.9	65620	3.669	53099	101	5.2
	18.0	9.7	22.3	56331	44622	2.583	65146	21.8	67124	3.684	54552	101	5.3
	24.0	16.6	38.3	56650	44654	2.482	65119	22.8	68627	3.699	56006	102	5.4
80	12.0	4.4	10.2	53544	43416	3.059	63982	17.5	72646	3.708	59994	104	5.7
	18.0	9.5	21.9	53863	43447	2.958	63955	18.2	74150	3.723	61448	105	5.8
	24.0	16.3	37.6	54182	43478	2.856	63928	19.0	75654	3.737	62901	105	5.9
90	12.0	4.4	10.1	51131	42319	3.491	63041	14.6	79176	3.747	66391	107	6.2
	18.0	9.3	21.5	51450	42350	3.389	63014	15.2	80680	3.762	67844	108	6.3
	24.0	16.0	37.0	51769	42382	3.288	62988	15.7	82184	3.777	69298	108	6.4
100	12.0	4.3	9.9	48705	41237	3.979	62283	12.2	Operation Not Recommended				
	18.0	9.2	21.2	49024	41268	3.878	62256	12.6					
	24.0	15.8	36.5	49343	41299	3.777	62230	13.1					
110	12.0	4.2	9.8	45805	39854	4.525	61244	10.1					
	18.0	9.1	21.0	46124	39885	4.423	61217	10.4					
	24.0	15.6	36.1	46443	39916	4.322	61191	10.7					
120	12.0	4.2	9.7	41573	37605	5.127	59066	8.1					
	18.0	9.0	20.8	41892	37636	5.025	59039	8.3					
	24.0	15.5	35.7	42211	37667	4.924	59013	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 101: WSNH024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.8	6.5	Operation Not Recommended					15658	1.543	10392	88	3.0
	6.0	4.9	11.2						16481	1.562	11151	89	3.1
	8.0	7.2	16.6						17304	1.581	11910	90	3.2
30	4.0	2.8	6.4	25052	17621	0.968	28356	25.9	17125	1.568	11775	90	3.2
	6.0	4.8	11.1	25183	17657	0.912	28296	27.6	17948	1.586	12534	91	3.3
	8.0	7.1	16.3	25314	17693	0.856	28236	29.6	18770	1.605	13293	92	3.4
40	4.0	2.7	6.2	27081	18984	1.049	30662	25.8	20152	1.626	14604	93	3.6
	6.0	4.7	10.7	27212	19020	0.993	30601	27.4	20975	1.645	15363	94	3.7
	8.0	6.9	15.9	27343	19055	0.937	30541	29.2	21798	1.663	16122	95	3.8
50	4.0	2.6	6.0	27531	19421	1.142	31427	24.1	23308	1.693	17531	97	4.0
	6.0	4.5	10.5	27662	19456	1.086	31367	25.5	24130	1.712	18290	98	4.1
	8.0	6.7	15.5	27793	19492	1.030	31306	27.0	24953	1.730	19049	99	4.2
60	4.0	2.6	5.9	27016	19285	1.249	31280	21.6	26547	1.764	20529	101	4.4
	6.0	4.4	10.2	27147	19321	1.193	31219	22.7	27370	1.782	21288	102	4.5
	8.0	6.5	15.1	27278	19357	1.137	31159	24.0	28192	1.801	22047	103	4.6
70	4.0	2.5	5.8	26007	18850	1.376	30702	18.9	29775	1.834	23517	104	4.8
	6.0	4.3	10.0	26138	18886	1.320	30642	19.8	30598	1.853	24276	105	4.8
	8.0	6.4	14.8	26269	18921	1.264	30581	20.8	31420	1.871	25035	106	4.9
80	4.0	2.5	5.7	24827	18304	1.525	30029	16.3	32844	1.900	26362	108	5.1
	6.0	4.3	9.8	24958	18340	1.468	29968	17.0	33666	1.918	27121	109	5.1
	8.0	6.3	14.5	25088	18376	1.412	29908	17.8	34489	1.937	27880	110	5.2
90	4.0	2.4	5.6	23651	17755	1.699	29448	13.9	35552	1.956	28880	111	5.3
	6.0	4.2	9.6	23782	17790	1.643	29388	14.5	36375	1.974	29639	112	5.4
	8.0	6.2	14.2	23913	17826	1.587	29328	15.1	37198	1.993	30398	113	5.5
100	4.0	2.4	5.5	22511	17225	1.903	29004	11.8	Operation Not Recommended				
	6.0	4.1	9.5	22641	17261	1.847	28943	12.3					
	8.0	6.1	14.1	22772	17297	1.791	28883	12.7					
110	4.0	2.4	5.4	21289	16658	2.140	28591	9.9					
	6.0	4.1	9.4	21420	16694	2.084	28531	10.3					
	8.0	6.0	13.9	21551	16730	2.028	28470	10.6					
120	4.0	2.3	5.4	19725	15913	2.413	27959	8.2					
	6.0	4.0	9.3	19855	15949	2.357	27899	8.4					
	8.0	6.0	13.8	19986	15984	2.301	27838	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 102: WSNH024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.8	6.5	Operation Not Recommended					9649	1.176	5636	83	2.4
	6.0	4.9	11.2						10273	1.176	6262	83	2.6
	8.0	7.2	16.6						10898	1.175	6888	84	2.7
30	4.0	2.8	6.4	18434	13607	0.586	20433	31.5	10810	1.179	6786	84	2.7
	6.0	4.8	11.1	18429	13588	0.551	20309	33.5	11434	1.179	7412	85	2.8
	8.0	7.1	16.3	18425	13569	0.516	20185	35.7	12059	1.178	8038	86	3.0
40	4.0	2.7	6.2	20508	15323	0.628	22649	32.7	13237	1.185	9194	87	3.3
	6.0	4.7	10.7	20503	15304	0.593	22525	34.6	13861	1.185	9820	88	3.4
	8.0	6.9	15.9	20498	15285	0.558	22401	36.7	14486	1.184	10446	89	3.6
50	4.0	2.6	6.0	21093	15914	0.693	23457	30.4	15746	1.190	11686	91	3.9
	6.0	4.5	10.5	21088	15895	0.658	23333	32.1	16370	1.189	12312	91	4.0
	8.0	6.7	15.5	21083	15876	0.623	23209	33.8	16995	1.189	12938	92	4.2
60	4.0	2.6	5.9	20765	15842	0.781	23430	26.6	18265	1.194	14192	94	4.5
	6.0	4.4	10.2	20760	15823	0.746	23306	27.8	18890	1.193	14818	95	4.6
	8.0	6.5	15.1	20755	15804	0.711	23182	29.2	19514	1.193	15444	96	4.8
70	4.0	2.5	5.8	19962	15455	0.892	23005	22.4	20723	1.196	16641	97	5.1
	6.0	4.3	10.0	19958	15436	0.857	22881	23.3	21348	1.196	17267	98	5.2
	8.0	6.4	14.8	19953	15417	0.822	22757	24.3	21972	1.195	17893	99	5.4
80	4.0	2.5	5.7	18989	14980	1.024	22484	18.5	23048	1.197	18963	100	5.6
	6.0	4.3	9.8	18984	14961	0.989	22360	19.2	23673	1.197	19589	101	5.8
	8.0	6.3	14.5	18979	14942	0.955	22236	19.9	24297	1.196	20215	102	6.0
90	4.0	2.4	5.6	18013	14532	1.178	22034	15.3	25169	1.197	21086	103	6.2
	6.0	4.2	9.6	18008	14513	1.143	21910	15.7	25794	1.196	21712	104	6.3
	8.0	6.2	14.2	18003	14494	1.109	21786	16.2	26418	1.196	22337	105	6.5
100	4.0	2.4	5.5	17067	14106	1.353	21685	12.6	Operation Not Recommended				
	6.0	4.1	9.5	17063	14087	1.319	21562	12.9					
	8.0	6.1	14.1	17058	14068	1.284	21438	13.3					
110	4.0	2.4	5.4	16050	13582	1.549	21335	10.4					
	6.0	4.1	9.4	16045	13563	1.514	21211	10.6					
	8.0	6.0	13.9	16040	13544	1.479	21087	10.8					
120	4.0	2.3	5.4	14722	12725	1.764	20742	8.3					
	6.0	4.0	9.3	14717	12706	1.729	20618	8.5					
	8.0	6.0	13.8	14712	12687	1.695	20494	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 103: WSNH030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	2.5	5.9	Operation Not Recommended					16748	1.735	10827	86	2.8
	7.5	4.9	11.3						18099	1.768	12067	87	3.0
	10.0	7.8	18.0						19451	1.801	13307	89	3.2
30	5.0	2.5	5.8	33329	22365	1.326	37853	25.1	18350	1.765	12327	87	3.0
	7.5	4.8	11.1	33522	22453	1.251	37790	26.8	19701	1.798	13567	89	3.2
	10.0	7.7	17.7	33716	22541	1.176	37727	28.7	21052	1.830	14806	90	3.4
40	5.0	2.4	5.6	34317	23009	1.422	39168	24.1	22372	1.842	16087	91	3.6
	7.5	4.7	10.8	34510	23097	1.346	39105	25.6	23723	1.875	17327	93	3.7
	10.0	7.5	17.2	34704	23185	1.271	39042	27.3	25074	1.907	18566	94	3.9
50	5.0	2.4	5.5	34477	23216	1.536	39717	22.5	26689	1.937	20081	95	4.0
	7.5	4.6	10.5	34670	23304	1.461	39654	23.7	28040	1.969	21320	97	4.2
	10.0	7.3	16.8	34864	23392	1.385	39591	25.2	29391	2.002	22560	98	4.3
60	5.0	2.3	5.3	33960	23070	1.671	39662	20.3	30877	2.042	23910	99	4.4
	7.5	4.5	10.3	34154	23158	1.596	39599	21.4	32228	2.075	25150	101	4.6
	10.0	7.1	16.4	34347	23246	1.521	39536	22.6	33579	2.107	26389	102	4.7
70	5.0	2.3	5.2	32919	22656	1.831	39166	18.0	34907	2.151	27568	103	4.8
	7.5	4.4	10.0	33112	22744	1.756	39103	18.9	36258	2.184	28807	104	4.9
	10.0	6.9	16.0	33306	22832	1.681	39040	19.8	37609	2.216	30047	106	5.0
80	5.0	2.2	5.1	31503	22060	2.019	38391	15.6	38893	2.256	31193	107	5.1
	7.5	4.3	9.9	31697	22147	1.943	38328	16.3	40244	2.289	32433	108	5.2
	10.0	6.8	15.7	31890	22235	1.868	38265	17.1	41595	2.322	33672	110	5.3
90	5.0	2.2	5.0	29866	21364	2.238	37502	13.3	42853	2.352	34828	111	5.3
	7.5	4.2	9.7	30060	21452	2.163	37439	13.9	44204	2.384	36068	112	5.4
	10.0	6.7	15.5	30253	21540	2.088	37376	14.5	45555	2.417	37308	113	5.5
100	5.0	2.2	5.0	28159	20656	2.492	36663	11.3	Operation Not Recommended				
	7.5	4.1	9.6	28353	20744	2.417	36600	11.7					
	10.0	6.6	15.2	28546	20831	2.342	36537	12.2					
110	5.0	2.1	4.9	26533	20019	2.786	36040	9.5					
	7.5	4.1	9.5	26727	20106	2.711	35977	9.9					
	10.0	6.5	15.1	26920	20194	2.636	35914	10.2					
120	5.0	2.1	4.9	25140	19538	3.124	35798	8.0					
	7.5	4.1	9.4	25333	19625	3.048	35735	8.3					
	10.0	6.5	14.9	25527	19713	2.973	35672	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 104: WSNH030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	2.5	5.9	Operation Not Recommended					13952	1.469	8940	84	2.8
	7.5	4.9	11.3						14776	1.472	9753	85	2.9
	10.0	7.8	18.0						15601	1.475	10567	86	3.1
30	5.0	2.5	5.8	23256	16757	0.759	25846	30.6	15324	1.472	10302	86	3.1
	7.5	4.8	11.1	23481	16913	0.714	25916	32.9	16148	1.475	11115	87	3.2
	10.0	7.7	17.7	23707	17070	0.668	25987	35.5	16972	1.478	11928	87	3.4
40	5.0	2.4	5.6	24961	18343	0.817	27749	30.5	18225	1.478	13183	89	3.6
	7.5	4.7	10.8	25187	18499	0.772	27820	32.6	19050	1.481	13997	90	3.8
	10.0	7.5	17.2	25412	18656	0.726	27891	35.0	19874	1.484	14810	90	3.9
50	5.0	2.4	5.5	25372	18927	0.903	28454	28.1	21273	1.483	16213	92	4.2
	7.5	4.6	10.5	25597	19083	0.858	28525	29.8	22098	1.486	17026	93	4.4
	10.0	7.3	16.8	25823	19240	0.813	28596	31.8	22922	1.490	17839	94	4.5
60	5.0	2.3	5.3	24946	18879	1.017	28416	24.5	24388	1.488	19312	95	4.8
	7.5	4.5	10.3	25172	19035	0.971	28486	25.9	25212	1.491	20125	96	5.0
	10.0	7.1	16.4	25398	19192	0.926	28557	27.4	26037	1.494	20938	97	5.1
70	5.0	2.3	5.2	24044	18486	1.157	27990	20.8	27490	1.491	22404	98	5.4
	7.5	4.4	10.0	24269	18643	1.111	28061	21.8	28315	1.494	23217	99	5.6
	10.0	6.9	16.0	24495	18800	1.066	28131	23.0	29139	1.497	24030	100	5.7
80	5.0	2.2	5.1	22920	17957	1.322	27430	17.3	30501	1.492	25412	101	6.0
	7.5	4.3	9.9	23145	18113	1.276	27501	18.1	31326	1.495	26225	102	6.1
	10.0	6.8	15.7	23371	18270	1.231	27572	19.0	32150	1.498	27038	103	6.3
90	5.0	2.2	5.0	21731	17415	1.512	26890	14.4	33342	1.490	28257	104	6.6
	7.5	4.2	9.7	21956	17571	1.467	26961	15.0	34167	1.493	29071	105	6.7
	10.0	6.7	15.5	22182	17728	1.421	27031	15.6	34991	1.497	29884	106	6.9
100	5.0	2.2	5.0	20530	16904	1.726	26420	11.9	Operation Not Recommended				
	7.5	4.1	9.6	20756	17061	1.681	26491	12.3					
	10.0	6.6	15.2	20982	17217	1.635	26562	12.8					
110	5.0	2.1	4.9	19272	16386	1.963	25971	9.8					
	7.5	4.1	9.5	19497	16543	1.918	26042	10.2					
	10.0	6.5	15.1	19723	16699	1.873	26112	10.5					
120	5.0	2.1	4.9	17806	15742	2.223	25391	8.0					
	7.5	4.1	9.4	18032	15898	2.178	25462	8.3					
	10.0	6.5	14.9	18258	16055	2.132	25533	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 105: WSNH036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					20661	2.171	13254	86	2.8
	9.0	3.3	7.6						21838	2.205	14315	87	2.9
	12.0	5.6	13.0						23016	2.239	15375	88	3.0
30	6.0	1.5	3.5	30843	22593	1.389	35581	22.2	22840	2.210	15300	87	3.0
	9.0	3.2	7.5	30169	22171	1.320	34671	22.9	24017	2.244	16360	88	3.1
	12.0	5.5	12.8	29495	21750	1.250	33761	23.6	25195	2.278	17421	89	3.2
40	6.0	1.5	3.4	30988	22812	1.510	36140	20.5	27604	2.302	19751	91	3.5
	9.0	3.2	7.3	30313	22390	1.441	35230	21.0	28782	2.336	20811	92	3.6
	12.0	5.4	12.4	29639	21969	1.372	34320	21.6	29959	2.370	21872	93	3.7
50	6.0	1.4	3.3	32641	24183	1.647	38259	19.8	32718	2.406	24508	95	4.0
	9.0	3.1	7.1	31967	23761	1.578	37349	20.3	33896	2.440	25569	96	4.1
	12.0	5.2	12.1	31292	23339	1.508	36439	20.7	35073	2.475	26630	97	4.2
60	6.0	1.4	3.3	34473	25735	1.802	40623	19.1	37921	2.517	29333	99	4.4
	9.0	3.0	6.9	33799	25313	1.733	39713	19.5	39098	2.551	30393	100	4.5
	12.0	5.1	11.8	33124	24891	1.664	38803	19.9	40276	2.585	31454	101	4.6
70	6.0	1.4	3.2	35582	26808	1.981	42342	18.0	42913	2.628	33947	103	4.8
	9.0	2.9	6.8	34908	26386	1.912	41433	18.3	44090	2.662	35007	104	4.9
	12.0	5.0	11.5	34234	25964	1.843	40523	18.6	45268	2.696	36068	105	4.9
80	6.0	1.4	3.1	35494	27053	2.187	42957	16.2	47360	2.732	38038	106	5.1
	9.0	2.9	6.6	34820	26631	2.118	42047	16.4	48538	2.766	39099	107	5.1
	12.0	4.9	11.3	34145	26209	2.049	41137	16.7	49715	2.801	40159	108	5.2
90	6.0	1.3	3.1	34162	26430	2.424	42433	14.1	50891	2.823	41257	109	5.3
	9.0	2.8	6.5	33488	26008	2.355	41524	14.2	52069	2.858	42318	110	5.3
	12.0	4.8	11.1	32814	25586	2.286	40614	14.4	53246	2.892	43378	111	5.4
100	6.0	1.3	3.0	31967	25210	2.696	41166	11.9	Operation Not Recommended				
	9.0	2.8	6.4	31293	24788	2.627	40256	11.9					
	12.0	4.8	11.0	30619	24366	2.558	39346	12.0					
110	6.0	1.3	3.0	29717	23975	3.006	39975	9.9					
	9.0	2.8	6.4	29043	23554	2.937	39065	9.9					
	12.0	4.7	10.9	28369	23132	2.868	38156	9.9					
120	6.0	1.3	3.0	28649	23618	3.360	40112	8.5					
	9.0	2.7	6.3	27975	23196	3.290	39202	8.5					
	12.0	4.7	10.8	27301	22774	3.221	38292	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 106: WSNH036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					13950	1.688	8190	81	2.4
	9.0	3.3	7.6						14669	1.690	8901	82	2.5
	12.0	5.6	13.0						15389	1.693	9612	83	2.7
30	6.0	1.5	3.5	23588	18362	0.957	26852	24.7	15436	1.684	9691	83	2.7
	9.0	3.2	7.5	23019	17773	0.918	26149	25.1	16155	1.686	10403	83	2.8
	12.0	5.5	12.8	22449	17184	0.879	25447	25.5	16875	1.688	11114	84	2.9
40	6.0	1.5	3.4	25691	20225	1.027	29195	25.0	18890	1.681	13155	85	3.3
	9.0	3.2	7.3	25121	19636	0.988	28493	25.4	19610	1.683	13866	86	3.4
	12.0	5.4	12.4	24552	19047	0.949	27790	25.9	20329	1.686	14577	87	3.5
50	6.0	1.4	3.3	27450	21950	1.121	31275	24.5	22791	1.685	17041	89	4.0
	9.0	3.1	7.1	26881	21361	1.082	30573	24.8	23510	1.687	17753	89	4.1
	12.0	5.2	12.1	26311	20773	1.043	29870	25.2	24230	1.690	18464	90	4.2
60	6.0	1.4	3.3	28471	23175	1.239	32700	23.0	26904	1.694	21122	92	4.7
	9.0	3.0	6.9	27902	22586	1.200	31998	23.2	27623	1.697	21834	93	4.8
	12.0	5.1	11.8	27333	21997	1.161	31296	23.5	28343	1.699	22545	93	4.9
70	6.0	1.4	3.2	28550	23697	1.383	33271	20.6	30994	1.707	25169	95	5.3
	9.0	2.9	6.8	27981	23108	1.344	32568	20.8	31713	1.709	25881	96	5.4
	12.0	5.0	11.5	27411	22519	1.306	31866	21.0	32433	1.712	26592	97	5.6
80	6.0	1.4	3.1	27675	23471	1.554	32979	17.8	34826	1.721	28953	98	5.9
	9.0	2.9	6.6	27106	22882	1.515	32277	17.9	35546	1.724	29665	99	6.0
	12.0	4.9	11.3	26536	22293	1.476	31574	18.0	36265	1.726	30376	100	6.2
90	6.0	1.3	3.1	26027	22615	1.753	32008	14.8	38167	1.735	32245	101	6.4
	9.0	2.8	6.5	25457	22026	1.714	31306	14.9	38886	1.738	32957	102	6.6
	12.0	4.8	11.1	24888	21437	1.675	30604	14.9	39606	1.740	33668	102	6.7
100	6.0	1.3	3.0	23976	21404	1.981	30735	12.1	Operation Not Recommended				
	9.0	2.8	6.4	23407	20815	1.942	30033	12.1					
	12.0	4.8	11.0	22837	20226	1.903	29331	12.0					
110	6.0	1.3	3.0	22088	20274	2.239	29728	9.9					
	9.0	2.8	6.4	21518	19685	2.200	29025	9.8					
	12.0	4.7	10.9	20949	19096	2.161	28323	9.7					
120	6.0	1.3	3.0	21118	19820	2.528	29745	8.4					
	9.0	2.7	6.3	20548	19231	2.489	29043	8.3					
	12.0	4.7	10.8	19979	18642	2.451	28340	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 107: WSNH042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					23785	2.610	14880	86	2.7
	10.5	4.4	10.1						25684	2.661	16604	87	2.8
	14.0	7.5	17.3						27584	2.713	18329	88	3.0
30	7.0	2.0	4.7	45224	31216	1.733	51137	26.1	26319	2.664	17229	87	2.9
	10.5	4.3	10.0	45610	31334	1.632	51179	27.9	28219	2.715	18954	89	3.0
	14.0	7.4	17.0	45997	31452	1.531	51221	30.0	30119	2.767	20678	90	3.2
40	7.0	2.0	4.6	46057	32077	1.899	52536	24.3	31897	2.789	22382	91	3.4
	10.5	4.2	9.7	46444	32194	1.798	52578	25.8	33797	2.840	24107	92	3.5
	14.0	7.2	16.5	46831	32312	1.697	52620	27.6	35697	2.891	25831	93	3.6
50	7.0	1.9	4.4	45961	32210	2.068	53017	22.2	37917	2.930	27920	95	3.8
	10.5	4.1	9.4	46347	32328	1.967	53059	23.6	39817	2.981	29644	96	3.9
	14.0	7.0	16.1	46734	32446	1.866	53101	25.0	41717	3.033	31369	97	4.0
60	7.0	1.9	4.3	45178	31910	2.252	52863	20.1	44106	3.081	33591	99	4.2
	10.5	4.0	9.2	45564	32028	2.151	52905	21.2	46006	3.133	35316	100	4.3
	14.0	6.8	15.7	45951	32146	2.050	52947	22.4	47905	3.184	37040	102	4.4
70	7.0	1.8	4.2	43903	31385	2.461	52302	17.8	50207	3.237	39161	103	4.5
	10.5	3.9	9.0	44290	31503	2.360	52344	18.8	52106	3.289	40885	104	4.6
	14.0	6.7	15.4	44676	31620	2.259	52386	19.8	54006	3.340	42610	106	4.7
80	7.0	1.8	4.2	42284	30756	2.704	51510	15.6	55977	3.391	44407	107	4.8
	10.5	3.8	8.8	42671	30874	2.603	51552	16.4	57877	3.442	46132	108	4.9
	14.0	6.5	15.1	43058	30992	2.502	51594	17.2	59777	3.494	47856	109	5.0
90	7.0	1.8	4.1	40420	30060	2.986	50609	13.5	61191	3.536	49125	110	5.1
	10.5	3.8	8.7	40807	30178	2.885	50651	14.1	63091	3.587	50850	111	5.2
	14.0	6.4	14.8	41193	30295	2.784	50693	14.8	64991	3.639	52574	113	5.2
100	7.0	1.7	4.0	38361	29247	3.314	49669	11.6	Operation Not Recommended				
	10.5	3.7	8.6	38748	29365	3.213	49711	12.1					
	14.0	6.3	14.6	39134	29482	3.112	49753	12.6					
110	7.0	1.7	4.0	36109	28182	3.692	48706	9.8					
	10.5	3.7	8.5	36495	28300	3.591	48748	10.2					
	14.0	6.3	14.5	36882	28417	3.490	48790	10.6					
120	7.0	1.7	4.0	33617	26644	4.122	47682	8.2					
	10.5	3.6	8.4	34004	26761	4.021	47724	8.5					
	14.0	6.2	14.3	34391	26879	3.920	47766	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 108: WSNH042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					18806	2.081	11707	83	2.6
	10.5	4.4	10.1						19839	2.089	12711	84	2.8
	14.0	7.5	17.3						20872	2.097	13716	85	2.9
30	7.0	2.0	4.7	33465	23553	1.090	37184	30.7	20822	2.085	13707	85	2.9
	10.5	4.3	10.0	33769	23667	1.026	37270	32.9	21855	2.094	14711	86	3.1
	14.0	7.4	17.0	34072	23781	0.963	37357	35.4	22888	2.102	15716	86	3.2
40	7.0	2.0	4.6	35548	25829	1.178	39569	30.2	25153	2.099	17990	88	3.5
	10.5	4.2	9.7	35851	25943	1.115	39655	32.2	26186	2.108	18995	89	3.6
	14.0	7.2	16.5	36155	26057	1.051	39741	34.4	27220	2.116	19999	89	3.8
50	7.0	1.9	4.4	35595	26459	1.302	40037	27.3	29741	2.117	22516	91	4.1
	10.5	4.1	9.4	35898	26573	1.238	40123	29.0	30774	2.126	23521	92	4.2
	14.0	7.0	16.1	36201	26686	1.175	40209	30.8	31807	2.134	24525	93	4.4
60	7.0	1.9	4.3	34502	26160	1.459	39480	23.6	34415	2.137	27123	95	4.7
	10.5	4.0	9.2	34806	26273	1.395	39567	24.9	35448	2.145	28128	95	4.8
	14.0	6.8	15.7	35109	26387	1.332	39653	26.4	36482	2.154	29133	96	5.0
70	7.0	1.8	4.2	32930	25463	1.649	38555	20.0	39006	2.156	31651	98	5.3
	10.5	3.9	9.0	33233	25577	1.585	38641	21.0	40039	2.164	32655	99	5.4
	14.0	6.7	15.4	33537	25691	1.521	38728	22.0	41072	2.172	33660	99	5.5
80	7.0	1.8	4.2	31301	24713	1.870	37680	16.7	43342	2.170	35936	101	5.9
	10.5	3.8	8.8	31604	24827	1.806	37767	17.5	44375	2.179	36940	102	6.0
	14.0	6.5	15.1	31908	24941	1.742	37853	18.3	45408	2.187	37945	102	6.1
90	7.0	1.8	4.1	29801	24065	2.121	37038	14.1	47254	2.179	39818	104	6.4
	10.5	3.8	8.7	30105	24179	2.057	37125	14.6	48287	2.188	40822	105	6.5
	14.0	6.4	14.8	30408	24293	1.994	37211	15.3	49320	2.196	41827	105	6.6
100	7.0	1.7	4.0	28380	23490	2.402	36575	11.8	Operation Not Recommended				
	10.5	3.7	8.6	28684	23604	2.338	36661	12.3					
	14.0	6.3	14.6	28987	23718	2.274	36748	12.7					
110	7.0	1.7	4.0	26751	22770	2.710	35999	9.9					
	10.5	3.7	8.5	27055	22884	2.647	36085	10.2					
	14.0	6.3	14.5	27358	22998	2.583	36172	10.6					
120	7.0	1.7	4.0	24390	21499	3.046	34783	8.0					
	10.5	3.6	8.4	24693	21613	2.982	34870	8.3					
	14.0	6.2	14.3	24997	21727	2.919	34956	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 109: WSNH048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					33486	3.232	22458	89	3.0
	12.0	3.7	8.4						35380	3.285	24172	90	3.2
	16.0	6.3	14.6						37274	3.338	25885	91	3.3
30	8.0	1.7	3.8	47550	35498	1.890	53998	25.2	36534	3.291	25304	91	3.3
	12.0	3.6	8.3	47628	35546	1.771	53671	26.9	38427	3.344	27017	92	3.4
	16.0	6.2	14.4	47706	35593	1.652	53344	28.9	40321	3.397	28731	93	3.5
40	8.0	1.6	3.7	51053	37296	2.077	58140	24.6	42855	3.420	31185	94	3.7
	12.0	3.5	8.1	51132	37343	1.958	57813	26.1	44749	3.473	32898	96	3.8
	16.0	6.0	13.9	51210	37390	1.839	57486	27.8	46642	3.526	34612	97	3.9
50	8.0	1.6	3.6	52050	38194	2.278	59822	22.9	49382	3.561	37231	98	4.1
	12.0	3.4	7.9	52129	38241	2.159	59495	24.1	51275	3.614	38945	99	4.2
	16.0	5.9	13.6	52207	38289	2.040	59168	25.6	53169	3.666	40658	100	4.3
60	8.0	1.5	3.5	51508	38364	2.498	60032	20.6	55997	3.711	43336	102	4.4
	12.0	3.3	7.7	51587	38411	2.379	59705	21.7	57891	3.763	45050	103	4.5
	16.0	5.7	13.3	51665	38459	2.261	59378	22.9	59784	3.816	46764	104	4.6
70	8.0	1.5	3.5	50159	37976	2.744	59522	18.3	62586	3.866	49396	106	4.7
	12.0	3.3	7.5	50237	38024	2.625	59195	19.1	64480	3.918	51110	107	4.8
	16.0	5.6	13.0	50316	38071	2.506	58868	20.1	66373	3.971	52823	108	4.9
80	8.0	1.5	3.4	48501	37202	3.021	58809	16.1	69033	4.024	55304	109	5.0
	12.0	3.2	7.4	48579	37249	2.902	58482	16.7	70926	4.076	57017	110	5.1
	16.0	5.5	12.7	48657	37296	2.783	58155	17.5	72820	4.129	58731	112	5.2
90	8.0	1.5	3.4	46796	36211	3.335	58177	14.0	75220	4.181	60954	113	5.3
	12.0	3.1	7.2	46874	36258	3.217	57849	14.6	77114	4.234	62668	114	5.3
	16.0	5.4	12.5	46952	36305	3.098	57522	15.2	79007	4.286	64382	115	5.4
100	8.0	1.4	3.3	45072	35175	3.693	57672	12.2	Operation Not Recommended				
	12.0	3.1	7.1	45150	35222	3.574	57345	12.6					
	16.0	5.4	12.3	45229	35269	3.455	57018	13.1					
110	8.0	1.4	3.3	43123	34264	4.099	57110	10.5					
	12.0	3.1	7.1	43202	34311	3.980	56783	10.9					
	16.0	5.3	12.2	43280	34358	3.861	56456	11.2					
120	8.0	1.4	3.2	40507	33649	4.560	56067	8.9					
	12.0	3.0	7.0	40586	33696	4.441	55740	9.1					
	16.0	5.2	12.1	40664	33743	4.323	55413	9.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 110: WSNH048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					24326	2.362	16268	86	3.0
	12.0	3.7	8.4						25339	2.372	17244	86	3.1
	16.0	6.3	14.6						26352	2.383	18220	87	3.2
30	8.0	1.7	3.8	35323	27465	1.255	39604	28.2	26739	2.377	18627	87	3.3
	12.0	3.6	8.3	35406	27526	1.183	39444	29.9	27752	2.388	19603	88	3.4
	16.0	6.2	14.4	35489	27587	1.112	39283	31.9	28764	2.399	20580	89	3.5
40	8.0	1.6	3.7	36012	27979	1.323	40526	27.2	31516	2.398	23334	90	3.9
	12.0	3.5	8.1	36095	28040	1.252	40365	28.8	32529	2.408	24311	91	4.0
	16.0	6.0	13.9	36178	28102	1.180	40205	30.7	33542	2.419	25287	92	4.1
50	8.0	1.6	3.6	36820	28531	1.451	41771	25.4	36221	2.407	28009	93	4.4
	12.0	3.4	7.9	36903	28592	1.380	41610	26.8	37234	2.417	28985	94	4.5
	16.0	5.9	13.6	36986	28654	1.308	41450	28.3	38247	2.428	29962	95	4.6
60	8.0	1.5	3.5	37403	29020	1.631	42968	22.9	40844	2.408	32629	96	5.0
	12.0	3.3	7.7	37486	29082	1.559	42807	24.0	41857	2.418	33605	97	5.1
	16.0	5.7	13.3	37569	29143	1.488	42647	25.2	42870	2.429	34582	98	5.2
70	8.0	1.5	3.5	37502	29347	1.855	43831	20.2	45376	2.404	37174	99	5.5
	12.0	3.3	7.5	37585	29408	1.783	43670	21.1	46389	2.414	38150	100	5.6
	16.0	5.6	13.0	37668	29469	1.712	43510	22.0	47401	2.425	39126	101	5.7
80	8.0	1.5	3.4	36944	29409	2.115	44160	17.5	49806	2.399	41622	102	6.1
	12.0	3.2	7.4	37027	29471	2.043	43999	18.1	50819	2.409	42598	103	6.2
	16.0	5.5	12.7	37110	29532	1.972	43839	18.8	51832	2.420	43574	104	6.3
90	8.0	1.5	3.4	35640	29109	2.403	43840	14.8	54126	2.396	45952	105	6.6
	12.0	3.1	7.2	35724	29170	2.332	43680	15.3	55139	2.406	46928	106	6.7
	16.0	5.4	12.5	35807	29231	2.260	43519	15.8	56152	2.417	47905	106	6.8
100	8.0	1.4	3.3	33590	28343	2.712	42843	12.4	Operation Not Recommended				
	12.0	3.1	7.1	33673	28405	2.640	42683	12.8					
	16.0	5.4	12.3	33756	28466	2.569	42522	13.1					
110	8.0	1.4	3.3	30876	27014	3.033	41226	10.2					
	12.0	3.1	7.1	30959	27075	2.962	41066	10.5					
	16.0	5.3	12.2	31042	27136	2.890	40905	10.7					
120	8.0	1.4	3.2	27669	25019	3.359	39131	8.2					
	12.0	3.0	7.0	27752	25080	3.288	38971	8.4					
	16.0	5.2	12.1	27835	25142	3.217	38810	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 111: WSNH060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	5.9	Operation Not Recommended					42895	3.725	30185	90	3.4
	15.0	5.7	13.1						45275	3.790	32345	91	3.5
	20.0	9.9	22.8						47655	3.854	34505	93	3.6
30	10.0	2.5	5.9	52183	38407	2.374	60284	22.0	46606	3.803	33631	92	3.6
	15.0	5.6	12.8	52444	38517	2.234	60067	23.5	48986	3.867	35791	93	3.7
	20.0	9.7	22.4	52704	38626	2.094	59850	25.2	51366	3.932	37951	94	3.8
40	10.0	2.5	5.7	61626	42961	2.742	70984	22.5	54254	3.974	40692	96	4.0
	15.0	5.4	12.5	61887	43070	2.603	70767	23.8	56634	4.039	42852	97	4.1
	20.0	9.4	21.8	62147	43180	2.463	70550	25.2	59014	4.103	45012	98	4.2
50	10.0	2.4	5.5	64821	45410	3.063	75272	21.2	62082	4.164	47873	99	4.4
	15.0	5.3	12.1	65081	45519	2.923	75056	22.3	64462	4.229	50033	101	4.5
	20.0	9.2	21.2	65342	45628	2.783	74839	23.5	66842	4.293	52193	102	4.6
60	10.0	2.3	5.4	64373	46177	3.362	75843	19.1	69944	4.367	55045	103	4.7
	15.0	5.1	11.9	64633	46286	3.222	75626	20.1	72324	4.431	57205	104	4.8
	20.0	9.0	20.7	64894	46396	3.082	75410	21.1	74704	4.495	59365	105	4.9
70	10.0	2.3	5.3	62235	45687	3.663	74735	17.0	77697	4.577	62080	107	5.0
	15.0	5.0	11.6	62495	45796	3.523	74518	17.7	80077	4.641	64240	108	5.1
	20.0	8.8	20.3	62756	45906	3.384	74301	18.5	82457	4.706	66400	109	5.1
80	10.0	2.2	5.2	59706	44364	3.994	73334	14.9	85193	4.790	68851	110	5.2
	15.0	4.9	11.4	59967	44473	3.854	73117	15.6	87574	4.854	71011	112	5.3
	20.0	8.6	19.9	60227	44582	3.714	72901	16.2	89954	4.918	73171	113	5.4
90	10.0	2.2	5.1	57434	42630	4.379	72375	13.1	92289	5.000	75229	114	5.4
	15.0	4.9	11.2	57694	42739	4.239	72159	13.6	94669	5.065	77389	115	5.5
	20.0	8.5	19.6	57955	42849	4.099	71942	14.1	97050	5.129	79549	116	5.5
100	10.0	2.2	5.0	55412	40910	4.844	71939	11.4	Operation Not Recommended				
	15.0	4.8	11.0	55672	41020	4.704	71722	11.8					
	20.0	8.4	19.3	55933	41129	4.564	71505	12.3					
110	10.0	2.2	5.0	52981	39628	5.414	71453	9.8					
	15.0	4.7	10.9	53242	39738	5.274	71236	10.1					
	20.0	8.3	19.1	53502	39847	5.134	71019	10.4					
120	10.0	2.1	4.9	48829	39208	6.114	69692	8.0					
	15.0	4.7	10.8	49090	39317	5.974	69476	8.2					
	20.0	8.2	18.9	49350	39426	5.835	69259	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 112: WSNH060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	5.9	Operation Not Recommended					27853	2.843	18152	85	2.9
	15.0	5.7	13.1						29180	2.855	19439	85	3.0
	20.0	9.9	22.8						30507	2.866	20726	86	3.1
30	10.0	2.5	5.9	44074	33599	1.480	49125	29.8	30874	2.866	21094	86	3.2
	15.0	5.6	12.8	44624	33841	1.391	49371	32.1	32201	2.878	22381	87	3.3
	20.0	9.7	22.4	45175	34083	1.302	49617	34.7	33528	2.890	23667	88	3.4
40	10.0	2.5	5.7	47574	35783	1.610	53069	29.5	37134	2.912	27196	90	3.7
	15.0	5.4	12.5	48125	36025	1.521	53315	31.6	38461	2.924	28483	90	3.9
	20.0	9.4	21.8	48676	36268	1.432	53561	34.0	39788	2.936	29770	91	4.0
50	10.0	2.4	5.5	48465	36846	1.792	54580	27.0	43576	2.958	33484	93	4.3
	15.0	5.3	12.1	49016	37089	1.703	54826	28.8	44903	2.970	34771	94	4.4
	20.0	9.2	21.2	49567	37331	1.613	55072	30.7	46230	2.981	36058	94	4.5
60	10.0	2.3	5.4	47734	36990	2.023	54637	23.6	50071	3.002	39827	96	4.9
	15.0	5.1	11.9	48285	37232	1.934	54883	25.0	51398	3.014	41114	97	5.0
	20.0	9.0	20.7	48836	37475	1.844	55129	26.5	52725	3.026	42401	98	5.1
70	10.0	2.3	5.3	46126	36415	2.301	53976	20.1	56488	3.045	46097	100	5.4
	15.0	5.0	11.6	46677	36657	2.211	54222	21.1	57815	3.057	47384	100	5.5
	20.0	8.8	20.3	47228	36899	2.122	54468	22.3	59142	3.069	48671	101	5.6
80	10.0	2.2	5.2	44140	35321	2.623	53088	16.8	62696	3.087	52164	103	6.0
	15.0	4.9	11.4	44691	35563	2.533	53334	17.6	64023	3.098	53451	104	6.1
	20.0	8.6	19.9	45241	35805	2.444	53581	18.5	65350	3.110	54738	104	6.2
90	10.0	2.2	5.1	42031	33909	2.987	52222	14.1	68566	3.126	57899	106	6.4
	15.0	4.9	11.2	42582	34151	2.897	52468	14.7	69893	3.138	59186	107	6.5
	20.0	8.5	19.6	43133	34394	2.808	52714	15.4	71220	3.150	60473	107	6.6
100	10.0	2.2	5.0	39811	32380	3.391	51380	11.7	Operation Not Recommended				
	15.0	4.8	11.0	40362	32623	3.301	51626	12.2					
	20.0	8.4	19.3	40913	32865	3.212	51872	12.7					
110	10.0	2.2	5.0	37247	30936	3.832	50321	9.7					
	15.0	4.7	10.9	37798	31178	3.742	50567	10.1					
	20.0	8.3	19.1	38349	31420	3.653	50813	10.5					
120	10.0	2.1	4.9	33861	29775	4.308	48560	7.9					
	15.0	4.7	10.8	34412	30018	4.218	48806	8.2					
	20.0	8.2	18.9	34963	30260	4.129	49052	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 113: WSTH024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.4	3.1	Operation Not Recommended					15518	1.398	10749	88	3.3
	6.0	2.9	6.7						15708	1.399	10934	88	3.3
	8.0	5.0	11.5						15898	1.401	11118	88	3.3
30	4.0	1.3	3.1	27448	18603	1.138	31332	24.1	17346	1.434	12453	90	3.5
	6.0	2.9	6.6	27439	18559	1.111	31231	24.7	17536	1.436	12637	90	3.6
	8.0	4.9	11.3	27431	18516	1.084	31131	25.3	17726	1.437	12821	90	3.6
40	4.0	1.3	3.0	27270	18565	1.159	31224	23.5	20511	1.497	15402	94	4.0
	6.0	2.8	6.4	27261	18521	1.132	31123	24.1	20701	1.499	15587	94	4.0
	8.0	4.7	11.0	27252	18478	1.105	31023	24.7	20891	1.500	15771	94	4.1
50	4.0	1.3	2.9	26603	18481	1.193	30672	22.3	23076	1.548	17795	97	4.4
	6.0	2.7	6.2	26594	18438	1.166	30572	22.8	23265	1.549	17979	97	4.4
	8.0	4.6	10.7	26585	18394	1.139	30472	23.3	23455	1.551	18164	97	4.4
60	4.0	1.2	2.9	25897	18318	1.251	30164	20.7	25108	1.587	19693	99	4.6
	6.0	2.6	6.1	25889	18275	1.224	30064	21.2	25298	1.588	19878	99	4.7
	8.0	4.5	10.4	25880	18231	1.197	29964	21.6	25488	1.590	20062	99	4.7
70	4.0	1.2	2.8	25286	18054	1.341	29860	18.9	26674	1.616	21159	101	4.8
	6.0	2.6	6.0	25277	18011	1.314	29760	19.2	26864	1.618	21344	101	4.9
	8.0	4.4	10.2	25268	17968	1.287	29660	19.6	27054	1.620	21528	101	4.9
80	4.0	1.2	2.7	24697	17683	1.469	29709	16.8	27842	1.637	22256	102	5.0
	6.0	2.5	5.8	24688	17639	1.442	29608	17.1	28032	1.639	22440	102	5.0
	8.0	4.3	10.0	24679	17596	1.415	29508	17.4	28222	1.641	22624	103	5.0
90	4.0	1.2	2.7	23973	17210	1.637	29560	14.6	28678	1.651	23044	103	5.1
	6.0	2.5	5.8	23964	17167	1.611	29460	14.9	28868	1.653	23228	103	5.1
	8.0	4.3	9.8	23955	17123	1.584	29359	15.1	29058	1.654	23413	103	5.1
100	4.0	1.2	2.7	22980	16655	1.847	29282	12.4	Operation Not Recommended				
	6.0	2.5	5.7	22971	16612	1.820	29182	12.6					
	8.0	4.2	9.7	22963	16569	1.793	29082	12.8					
110	4.0	1.1	2.6	21727	16052	2.095	28875	10.4					
	6.0	2.4	5.6	21718	16009	2.068	28775	10.5					
	8.0	4.2	9.6	21709	15966	2.041	28674	10.6					
120	4.0	1.1	2.6	20475	15448	2.376	28584	8.6					
	6.0	2.4	5.6	20466	15405	2.350	28483	8.7					
	8.0	4.1	9.5	20457	15361	2.323	28383	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 114: WSTH024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.4	3.1	Operation Not Recommended					10773	1.100	7020	84	2.9
	6.0	2.9	6.7						11048	1.100	7293	85	2.9
	8.0	5.0	11.5						11322	1.101	7567	85	3.0
30	4.0	1.3	3.1	20135	14696	0.748	22689	26.9	12143	1.108	8363	86	3.2
	6.0	2.9	6.6	20268	14745	0.713	22702	28.4	12418	1.108	8637	86	3.3
	8.0	4.9	11.3	20401	14795	0.678	22716	30.1	12692	1.108	8911	87	3.4
40	4.0	1.3	3.0	20443	14599	0.774	23083	26.4	14707	1.120	10886	89	3.8
	6.0	2.8	6.4	20576	14648	0.739	23096	27.9	14981	1.120	11159	90	3.9
	8.0	4.7	11.0	20708	14698	0.704	23110	29.4	15256	1.120	11433	90	4.0
50	4.0	1.3	2.9	20337	14530	0.796	23054	25.5	17013	1.128	13165	92	4.4
	6.0	2.7	6.2	20469	14579	0.761	23067	26.9	17288	1.128	13438	93	4.5
	8.0	4.6	10.7	20602	14629	0.726	23080	28.4	17562	1.128	13712	93	4.6
60	4.0	1.2	2.9	19889	14453	0.834	22734	23.9	19035	1.132	15171	95	4.9
	6.0	2.6	6.1	20022	14502	0.799	22747	25.1	19310	1.133	15444	95	5.0
	8.0	4.5	10.4	20154	14552	0.764	22760	26.4	19584	1.133	15718	96	5.1
70	4.0	1.2	2.8	19174	14332	0.899	22240	21.3	20746	1.134	16875	97	5.4
	6.0	2.6	6.0	19307	14382	0.864	22253	22.4	21021	1.135	17149	98	5.4
	8.0	4.4	10.2	19439	14431	0.829	22267	23.5	21295	1.135	17423	98	5.5
80	4.0	1.2	2.7	18264	14132	0.999	21674	18.3	22120	1.134	18250	99	5.7
	6.0	2.5	5.8	18397	14182	0.964	21687	19.1	22394	1.134	18523	99	5.8
	8.0	4.3	10.0	18529	14231	0.929	21701	19.9	22669	1.135	18797	100	5.9
90	4.0	1.2	2.7	17233	13817	1.139	21120	15.1	23129	1.132	19265	100	6.0
	6.0	2.5	5.8	17365	13867	1.104	21133	15.7	23403	1.133	19538	101	6.1
	8.0	4.3	9.8	17498	13916	1.069	21146	16.4	23678	1.133	19812	101	6.1
100	4.0	1.2	2.7	16153	13352	1.316	20645	12.3	Operation Not Recommended				
	6.0	2.5	5.7	16286	13401	1.281	20658	12.7					
	8.0	4.2	9.7	16418	13451	1.246	20671	13.2					
110	4.0	1.1	2.6	15099	12700	1.524	20300	9.9					
	6.0	2.4	5.6	15231	12749	1.489	20313	10.2					
	8.0	4.2	9.6	15364	12799	1.454	20326	10.6					
120	4.0	1.1	2.6	14142	11826	1.752	20121	8.1					
	6.0	2.4	5.6	14274	11876	1.717	20135	8.3					
	8.0	4.1	9.5	14407	11925	1.682	20148	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 115: WSTH030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.2	Operation Not Recommended					17280	1.757	11286	86	2.9
	7.5	2.2	5.1						18345	1.777	12281	87	3.0
	10.0	4.0	9.2						19409	1.798	13276	88	3.2
30	5.0	0.9	2.2	34132	23853	1.437	39036	23.7	19193	1.791	13080	88	3.1
	7.5	2.2	5.0	34435	23917	1.354	39055	25.4	20257	1.812	14075	89	3.3
	10.0	3.9	9.0	34738	23981	1.271	39074	27.3	21322	1.832	15070	90	3.4
40	5.0	0.9	2.1	34726	24102	1.493	39821	23.3	23214	1.870	16833	91	3.6
	7.5	2.1	4.9	35029	24167	1.410	39840	24.8	24279	1.891	17828	92	3.8
	10.0	3.8	8.8	35332	24231	1.327	39859	26.6	25344	1.911	18823	93	3.9
50	5.0	0.9	2.1	34630	24042	1.569	39984	22.1	27332	1.956	20657	95	4.1
	7.5	2.1	4.7	34933	24107	1.486	40003	23.5	28397	1.977	21652	96	4.2
	10.0	3.7	8.5	35236	24171	1.403	40022	25.1	29462	1.997	22646	97	4.3
60	5.0	0.9	2.0	34008	23734	1.671	39708	20.4	31348	2.044	24372	99	4.5
	7.5	2.0	4.6	34311	23798	1.587	39727	21.6	32412	2.065	25367	100	4.6
	10.0	3.6	8.3	34614	23862	1.504	39746	23.0	33477	2.085	26361	101	4.7
70	5.0	0.9	2.0	33001	23238	1.803	39153	18.3	35061	2.128	27799	102	4.8
	7.5	2.0	4.5	33304	23302	1.720	39172	19.4	36126	2.149	28793	103	4.9
	10.0	3.5	8.2	33607	23366	1.637	39191	20.5	37191	2.169	29788	104	5.0
80	5.0	0.8	1.9	31727	22614	1.972	38455	16.1	38274	2.203	30758	105	5.1
	7.5	1.9	4.4	32030	22679	1.888	38474	17.0	39339	2.223	31753	106	5.2
	10.0	3.5	8.0	32333	22743	1.805	38493	17.9	40403	2.244	32747	107	5.3
90	5.0	0.8	1.9	30279	21925	2.182	37724	13.9	40786	2.261	33070	107	5.3
	7.5	1.9	4.4	30582	21989	2.099	37743	14.6	41851	2.282	34065	108	5.4
	10.0	3.4	7.9	30885	22054	2.015	37762	15.3	42916	2.302	35060	109	5.5
100	5.0	0.8	1.9	28727	21231	2.439	37048	11.8	Operation Not Recommended				
	7.5	1.9	4.3	29030	21295	2.355	37067	12.3					
	10.0	3.4	7.8	29333	21359	2.272	37086	12.9					
110	5.0	0.8	1.9	27117	20592	2.748	36492	9.9					
	7.5	1.8	4.3	27420	20656	2.664	36511	10.3					
	10.0	3.3	7.7	27723	20720	2.581	36530	10.7					
120	5.0	0.8	1.8	25470	20069	3.114	36095	8.2					
	7.5	1.8	4.2	25773	20133	3.031	36114	8.5					
	10.0	3.3	7.6	26076	20197	2.947	36133	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 116: WSTH030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.2	Operation Not Recommended					14130	1.454	9170	84	2.8
	7.5	2.2	5.1						14836	1.452	9881	85	3.0
	10.0	4.0	9.2						15542	1.450	10593	86	3.1
30	5.0	0.9	2.2	24894	18545	0.918	28026	27.1	15496	1.457	10525	86	3.1
	7.5	2.2	5.0	25118	19021	0.872	28092	28.8	16201	1.455	11237	87	3.3
	10.0	3.9	9.0	25342	19497	0.825	28158	30.7	16907	1.453	11948	87	3.4
40	5.0	0.9	2.1	25652	18748	0.961	28930	26.7	18453	1.464	13458	89	3.7
	7.5	2.1	4.9	25876	19224	0.914	28996	28.3	19158	1.462	14170	90	3.8
	10.0	3.8	8.8	26100	19700	0.868	29061	30.1	19864	1.460	14881	90	4.0
50	5.0	0.9	2.1	25841	18794	1.012	29295	25.5	21583	1.471	16563	92	4.3
	7.5	2.1	4.7	26065	19270	0.966	29361	27.0	22289	1.470	17274	93	4.4
	10.0	3.7	8.6	26290	19746	0.919	29426	28.6	22995	1.468	17985	94	4.6
60	5.0	0.9	2.0	25541	18691	1.082	29234	23.6	24734	1.479	19687	95	4.9
	7.5	2.0	4.6	25765	19167	1.036	29300	24.9	25440	1.477	20399	96	5.0
	10.0	3.6	8.3	25989	19643	0.990	29365	26.3	26145	1.476	21110	97	5.2
70	5.0	0.9	2.0	24828	18446	1.180	28855	21.0	27751	1.486	22681	98	5.5
	7.5	2.0	4.5	25052	18922	1.134	28920	22.1	28456	1.484	23393	99	5.6
	10.0	3.5	8.2	25276	19398	1.087	28986	23.2	29162	1.482	24104	100	5.8
80	5.0	0.8	1.9	23782	18068	1.313	28261	18.1	30481	1.491	25394	101	6.0
	7.5	1.9	4.4	24006	18544	1.266	28327	19.0	31186	1.489	26105	102	6.1
	10.0	3.5	8.0	24230	19020	1.220	28393	19.9	31892	1.488	26816	103	6.3
90	5.0	0.8	1.9	22480	17565	1.487	27554	15.1	32770	1.494	27674	104	6.4
	7.5	1.9	4.4	22704	18041	1.441	27620	15.8	33475	1.492	28385	104	6.6
	10.0	3.4	7.9	22929	18517	1.394	27686	16.4	34181	1.490	29096	105	6.7
100	5.0	0.8	1.9	21003	16944	1.707	26828	12.3	Operation Not Recommended				
	7.5	1.9	4.3	21227	17420	1.661	26894	12.8					
	10.0	3.4	7.8	21451	17896	1.615	26960	13.3					
110	5.0	0.8	1.9	19427	16213	1.978	26177	9.8					
	7.5	1.9	4.3	19651	16689	1.932	26243	10.2					
	10.0	3.3	7.7	19875	17165	1.885	26308	10.5					
120	5.0	0.8	1.8	17832	15380	2.302	25687	7.7					
	7.5	1.8	4.2	18056	15856	2.256	25753	8.0					
	10.0	3.3	7.6	18280	16332	2.209	25818	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 117: WSTH036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					22635	2.182	15189	87	3.0
	9.0	3.4	7.7						24103	2.213	16553	89	3.2
	12.0	5.7	13.2						25571	2.243	17918	90	3.3
30	6.0	1.6	3.6	41991	28725	1.620	47519	25.9	24246	2.213	16694	89	3.2
	9.0	3.3	7.6	42549	28932	1.550	47837	27.5	25714	2.244	18058	90	3.4
	12.0	5.6	13.0	43107	29139	1.479	48155	29.1	27182	2.274	19423	91	3.5
40	6.0	1.5	3.5	42021	29139	1.664	47697	25.3	28315	2.284	20523	92	3.6
	9.0	3.2	7.4	42579	29346	1.593	48015	26.7	29783	2.314	21888	93	3.8
	12.0	5.5	12.6	43137	29552	1.523	48333	28.3	31251	2.344	23252	94	3.9
50	6.0	1.5	3.4	41574	29225	1.751	47550	23.7	33086	2.370	25000	95	4.1
	9.0	3.1	7.2	42133	29431	1.681	47867	25.1	34554	2.400	26364	97	4.2
	12.0	5.3	12.3	42691	29638	1.610	48185	26.5	36021	2.430	27729	98	4.3
60	6.0	1.4	3.3	40716	29032	1.873	47106	21.7	38097	2.473	29660	99	4.5
	9.0	3.0	7.0	41274	29238	1.802	47424	22.9	39565	2.503	31025	100	4.6
	12.0	5.2	12.0	41833	29445	1.732	47741	24.2	41033	2.533	32390	102	4.7
70	6.0	1.4	3.2	39511	28610	2.023	46415	19.5	42951	2.588	34119	103	4.9
	9.0	3.0	6.9	40069	28816	1.953	46733	20.5	44419	2.619	35484	104	5.0
	12.0	5.1	11.7	40627	29023	1.882	47051	21.6	45886	2.649	36849	105	5.1
80	6.0	1.4	3.2	38023	28009	2.204	45545	17.2	47309	2.708	38070	106	5.1
	9.0	2.9	6.8	38582	28215	2.134	45863	18.1	48777	2.738	39435	107	5.2
	12.0	5.0	11.5	39140	28422	2.063	46180	19.0	50245	2.768	40799	109	5.3
90	6.0	1.4	3.1	36318	27278	2.422	44582	15.0	50896	2.817	41285	109	5.3
	9.0	2.9	6.6	36876	27485	2.352	44900	15.7	52364	2.847	42650	110	5.4
	12.0	4.9	11.3	37434	27692	2.281	45218	16.4	53831	2.877	44015	111	5.5
100	6.0	1.3	3.1	34459	26469	2.689	43634	12.8	Operation Not Recommended				
	9.0	2.8	6.6	35017	26676	2.618	43952	13.4					
	12.0	4.8	11.2	35575	26882	2.548	44269	14.0					
110	6.0	1.3	3.1	32512	25630	3.023	42826	10.8					
	9.0	2.8	6.5	33070	25836	2.952	43144	11.2					
	12.0	4.8	11.0	33628	26043	2.882	43461	11.7					
120	6.0	1.3	3.0	30540	24811	3.447	42303	8.9					
	9.0	2.8	6.4	31098	25017	3.377	42620	9.2					
	12.0	4.7	10.9	31657	25224	3.306	42938	9.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 118: WSTH036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.6	3.6	Operation Not Recommended					15783	1.710	9948	83	2.7
	9.0	3.4	7.7						16581	1.710	10746	84	2.8
	12.0	5.7	13.2						17379	1.710	11544	84	3.0
30	6.0	1.6	3.6	31495	23260	1.050	35078	30.0	16838	1.693	11060	84	2.9
	9.0	3.3	7.6	31742	23383	1.003	35165	31.6	17636	1.693	11858	84	3.1
	12.0	5.6	13.0	31989	23505	0.956	35251	33.5	18433	1.693	12655	85	3.2
40	6.0	1.5	3.5	31395	23700	1.055	34994	29.8	19872	1.677	14149	86	3.5
	9.0	3.2	7.4	31642	23823	1.008	35081	31.4	20670	1.677	14947	87	3.6
	12.0	5.5	12.6	31888	23945	0.961	35167	33.2	21468	1.677	15745	88	3.8
50	6.0	1.5	3.4	31006	23916	1.148	34922	27.0	23574	1.675	17860	89	4.1
	9.0	3.1	7.2	31253	24039	1.101	35008	28.4	24372	1.675	18658	90	4.3
	12.0	5.3	12.3	31500	24161	1.054	35095	29.9	25170	1.674	19456	91	4.4
60	6.0	1.4	3.3	30347	23918	1.283	34726	23.6	27423	1.677	21701	92	4.8
	9.0	3.0	7.0	30593	24041	1.237	34813	24.7	28220	1.677	22499	93	4.9
	12.0	5.2	12.0	30840	24163	1.190	34899	25.9	29018	1.677	23297	94	5.1
70	6.0	1.4	3.2	29435	23717	1.433	34325	20.5	31075	1.679	25346	95	5.4
	9.0	3.0	6.9	29681	23840	1.386	34411	21.4	31873	1.679	26144	96	5.6
	12.0	5.1	11.7	29928	23962	1.339	34498	22.3	32670	1.679	26941	97	5.7
80	6.0	1.4	3.2	28288	23323	1.584	33692	17.9	34367	1.680	28635	98	6.0
	9.0	2.9	6.8	28534	23446	1.537	33779	18.6	35165	1.680	29433	99	6.1
	12.0	5.0	11.5	28781	23568	1.490	33865	19.3	35962	1.680	30231	99	6.3
90	6.0	1.4	3.1	26924	22747	1.738	32856	15.5	37315	1.682	31577	101	6.5
	9.0	2.9	6.6	27171	22870	1.691	32942	16.1	38112	1.682	32375	101	6.6
	12.0	4.9	11.3	27417	22992	1.644	33029	16.7	38910	1.682	33172	102	6.8
100	6.0	1.3	3.1	25361	21999	1.916	31899	13.2	Operation Not Recommended				
	9.0	2.8	6.6	25608	22122	1.869	31985	13.7					
	12.0	4.8	11.2	25855	22244	1.822	32071	14.2					
110	6.0	1.3	3.1	23617	21090	2.151	30958	11.0					
	9.0	2.8	6.5	23864	21213	2.104	31044	11.3					
	12.0	4.8	11.0	24110	21335	2.058	31131	11.7					
120	6.0	1.3	3.0	21709	20031	2.496	30227	8.7					
	9.0	2.8	6.4	21956	20153	2.449	30313	9.0					
	12.0	4.7	10.9	22203	20276	2.402	30399	9.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 119: WSTH042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.4	3.2	Operation Not Recommended					25928	2.627	16963	87	2.9
	10.5	3.0	6.9						27756	2.673	18635	88	3.0
	14.0	5.2	11.9						29584	2.719	20308	89	3.2
30	7.0	1.4	3.2	51214	34205	1.825	57442	28.1	28437	2.670	19327	89	3.1
	10.5	3.0	6.8	51301	34349	1.728	57199	29.7	30266	2.716	20999	90	3.3
	14.0	5.1	11.8	51388	34492	1.632	56956	31.5	32094	2.761	22672	91	3.4
40	7.0	1.3	3.1	50130	33799	1.906	56634	26.3	33824	2.774	24357	92	3.6
	10.5	2.9	6.6	50217	33942	1.809	56390	27.8	35652	2.820	26030	93	3.7
	14.0	5.0	11.4	50304	34086	1.713	56147	29.4	37480	2.865	27702	95	3.8
50	7.0	1.3	3.0	49086	33405	1.989	55874	24.7	39449	2.896	29568	96	4.0
	10.5	2.8	6.5	49173	33549	1.893	55631	26.0	41278	2.942	31241	97	4.1
	14.0	4.8	11.1	49260	33692	1.796	55388	27.4	43106	2.987	32913	98	4.2
60	7.0	1.3	2.9	47942	32966	2.102	55114	22.8	45014	3.026	34691	100	4.4
	10.5	2.7	6.3	48029	33110	2.005	54870	24.0	46842	3.071	36363	101	4.5
	14.0	4.7	10.9	48117	33253	1.908	54627	25.2	48671	3.117	38036	102	4.6
70	7.0	1.2	2.9	46559	32424	2.281	54343	20.4	50217	3.154	39456	103	4.7
	10.5	2.7	6.2	46646	32568	2.184	54099	21.4	52046	3.200	41128	104	4.8
	14.0	4.6	10.6	46734	32711	2.087	53856	22.4	53874	3.245	42801	105	4.9
80	7.0	1.2	2.8	44797	31719	2.578	53593	17.4	54758	3.272	43595	106	4.9
	10.5	2.6	6.1	44884	31863	2.481	53350	18.1	56586	3.317	45268	107	5.0
	14.0	4.5	10.4	44971	32006	2.384	53107	18.9	58415	3.363	46940	108	5.1
90	7.0	1.2	2.8	42515	30793	3.054	52937	13.9	58336	3.369	46840	108	5.1
	10.5	2.6	6.0	42603	30937	2.957	52694	14.4	60164	3.415	48512	110	5.2
	14.0	4.4	10.3	42690	31080	2.861	52451	14.9	61992	3.460	50185	111	5.3
100	7.0	1.2	2.7	39574	29588	3.784	52487	10.5	Operation Not Recommended				
	10.5	2.5	5.9	39662	29731	3.688	52244	10.8					
	14.0	4.4	10.1	39749	29875	3.591	52001	11.1					
110	7.0	1.2	2.7	35834	28044	4.854	52398	7.4					
	10.5	2.5	5.8	35922	28188	4.758	52155	7.6					
	14.0	4.3	10.0	36009	28331	4.661	51912	7.7					
120	7.0	1.2	2.7	31155	26104	6.362	52864	4.9					
	10.5	2.5	5.8	31242	26247	6.265	52621	5.0					
	14.0	4.3	9.9	31330	26391	6.169	52377	5.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 120: WSTH042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.4	3.2	Operation Not Recommended					20641	1.975	13902	85	3.1
	10.5	3.0	6.9						21574	1.977	14830	86	3.2
	14.0	5.2	11.9						22506	1.978	15758	87	3.3
30	7.0	1.4	3.2	38440	27688	1.184	42479	32.5	22323	1.975	15584	86	3.3
	10.5	3.0	6.8	38502	27600	1.130	42356	34.1	23255	1.976	16512	87	3.4
	14.0	5.1	11.8	38563	27511	1.076	42233	35.9	24188	1.978	17440	88	3.6
40	7.0	1.3	3.1	38630	28187	1.303	43075	29.7	26189	1.978	19439	89	3.9
	10.5	2.9	6.6	38692	28098	1.249	42952	31.0	27122	1.980	20367	90	4.0
	14.0	5.0	11.4	38753	28010	1.195	42829	32.4	28054	1.981	21295	91	4.2
50	7.0	1.3	3.0	38173	28196	1.287	42564	29.7	30493	1.985	23718	92	4.5
	10.5	2.8	6.5	38234	28107	1.233	42441	31.0	31425	1.987	24646	93	4.6
	14.0	4.8	11.1	38295	28019	1.179	42318	32.5	32358	1.988	25574	94	4.8
60	7.0	1.3	2.9	37181	27823	1.310	41650	28.4	34951	1.995	28142	96	5.1
	10.5	2.7	6.3	37243	27735	1.256	41528	29.7	35883	1.997	29070	96	5.3
	14.0	4.7	10.9	37304	27647	1.202	41405	31.0	36816	1.998	29998	97	5.4
70	7.0	1.2	2.9	35771	27178	1.473	40797	24.3	39281	2.007	32433	99	5.7
	10.5	2.7	6.2	35832	27090	1.419	40675	25.2	40213	2.008	33361	100	5.9
	14.0	4.6	10.6	35894	27002	1.365	40552	26.3	41146	2.010	34289	100	6.0
80	7.0	1.2	2.8	34055	26369	1.809	40227	18.8	43200	2.018	36312	102	6.3
	10.5	2.6	6.1	34117	26281	1.755	40104	19.4	44132	2.020	37240	103	6.4
	14.0	4.5	10.4	34178	26193	1.701	39981	20.1	45065	2.021	38168	103	6.5
90	7.0	1.2	2.8	32149	25504	2.277	39918	14.1	46425	2.029	39502	104	6.7
	10.5	2.6	6.0	32210	25416	2.223	39795	14.5	47358	2.030	40430	105	6.8
	14.0	4.4	10.3	32272	25328	2.169	39672	14.9	48290	2.032	41358	106	7.0
100	7.0	1.2	2.7	30166	24692	2.768	39610	10.9	Operation Not Recommended				
	10.5	2.5	5.9	30228	24604	2.714	39488	11.1					
	14.0	4.4	10.1	30289	24516	2.660	39365	11.4					
110	7.0	1.2	2.7	28221	24041	3.100	38800	9.1					
	10.5	2.5	5.8	28283	23953	3.046	38678	9.3					
	14.0	4.3	10.0	28344	23865	2.992	38555	9.5					
120	7.0	1.2	2.7	26428	23661	3.023	36744	8.7					
	10.5	2.5	5.8	26490	23572	2.969	36621	8.9					
	14.0	4.3	9.9	26551	23484	2.915	36498	9.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 121: WSTH048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.6	3.8	Operation Not Recommended					31763	2.935	21748	89	3.2
	12.0	3.4	7.9						33392	2.982	23217	90	3.3
	16.0	5.8	13.5						35021	3.029	24685	91	3.4
30	8.0	1.6	3.7	50551	34255	2.367	58628	21.4	34625	3.004	24374	91	3.4
	12.0	3.4	7.8	50590	34258	2.271	58339	22.3	36254	3.051	25843	92	3.5
	16.0	5.7	13.3	50629	34262	2.175	58050	23.3	37883	3.098	27311	93	3.6
40	8.0	1.6	3.6	50905	34723	2.405	59110	21.2	40380	3.145	29650	94	3.8
	12.0	3.3	7.6	50944	34726	2.309	58821	22.1	42009	3.192	31119	95	3.9
	16.0	5.6	12.9	50983	34729	2.212	58532	23.0	43637	3.239	32587	96	3.9
50	8.0	1.5	3.5	50772	34975	2.467	59191	20.6	46136	3.289	34913	98	4.1
	12.0	3.2	7.4	50811	34978	2.371	58902	21.4	47765	3.336	36381	99	4.2
	16.0	5.4	12.5	50850	34982	2.275	58613	22.4	49393	3.383	37849	100	4.3
60	8.0	1.5	3.4	50279	35062	2.571	59053	19.6	51848	3.441	40106	101	4.4
	12.0	3.1	7.2	50319	35065	2.475	58764	20.3	53477	3.488	41574	102	4.5
	16.0	5.3	12.2	50358	35069	2.379	58475	21.2	55106	3.535	43042	103	4.6
70	8.0	1.5	3.3	49501	35008	2.733	58825	18.1	57473	3.604	45174	105	4.7
	12.0	3.1	7.1	49540	35012	2.636	58536	18.8	59102	3.651	46643	106	4.7
	16.0	5.2	12.0	49580	35015	2.540	58248	19.5	60730	3.698	48111	107	4.8
80	8.0	1.4	3.3	48453	34813	2.968	58580	16.3	62964	3.781	50063	108	4.9
	12.0	3.0	6.9	48492	34816	2.872	58291	16.9	64592	3.828	51531	109	4.9
	16.0	5.1	11.7	48532	34820	2.776	58002	17.5	66221	3.875	53000	110	5.0
90	8.0	1.4	3.2	47095	34450	3.294	58334	14.3	68276	3.974	54716	111	5.0
	12.0	3.0	6.8	47134	34453	3.198	58045	14.7	69905	4.021	56184	112	5.1
	16.0	5.0	11.6	47173	34456	3.101	57756	15.2	71534	4.068	57653	113	5.2
100	8.0	1.4	3.2	45329	33867	3.727	58047	12.2	Operation Not Recommended				
	12.0	2.9	6.7	45369	33870	3.631	57758	12.5					
	16.0	4.9	11.4	45408	33873	3.535	57469	12.8					
110	8.0	1.4	3.2	43003	32987	4.285	57624	10.0					
	12.0	2.9	6.6	43042	32990	4.189	57335	10.3					
	16.0	4.9	11.3	43081	32993	4.093	57046	10.5					
120	8.0	1.4	3.1	39907	31706	4.984	56913	8.0					
	12.0	2.9	6.6	39946	31710	4.888	56625	8.2					
	16.0	4.8	11.2	39985	31713	4.792	56336	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 122: WSTH048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.6	3.8	Operation Not Recommended					20841	2.265	13113	84	2.7
	12.0	3.4	7.9						21786	2.272	14034	85	2.8
	16.0	5.8	13.5						22732	2.279	14955	85	2.9
30	8.0	1.6	3.7	37667	26471	1.446	42602	26.0	22885	2.233	15266	85	3.0
	12.0	3.4	7.8	37770	26493	1.382	42484	27.3	23831	2.240	16187	86	3.1
	16.0	5.7	13.3	37874	26515	1.317	42366	28.8	24776	2.247	17108	87	3.2
40	8.0	1.6	3.6	37095	27014	1.520	42281	24.4	27197	2.196	19702	88	3.6
	12.0	3.3	7.6	37199	27036	1.455	42163	25.6	28142	2.204	20623	89	3.7
	16.0	5.6	12.9	37302	27058	1.390	42045	26.8	29087	2.211	21544	90	3.9
50	8.0	1.5	3.5	37347	27358	1.571	42708	23.8	31702	2.189	24233	91	4.2
	12.0	3.2	7.4	37451	27380	1.506	42590	24.9	32647	2.196	25154	92	4.4
	16.0	5.4	12.5	37554	27402	1.441	42472	26.1	33593	2.203	26075	93	4.5
60	8.0	1.5	3.4	37361	27484	1.642	42964	22.8	36278	2.202	28763	94	4.8
	12.0	3.1	7.2	37465	27507	1.577	42846	23.8	37223	2.210	29684	95	4.9
	16.0	5.3	12.2	37568	27529	1.512	42728	24.8	38169	2.217	30605	96	5.0
70	8.0	1.5	3.3	36713	27385	1.763	42728	20.8	40801	2.228	33199	98	5.4
	12.0	3.1	7.1	36817	27407	1.698	42610	21.7	41746	2.235	34120	98	5.5
	16.0	5.2	12.0	36920	27429	1.633	42492	22.6	42691	2.242	35040	99	5.6
80	8.0	1.4	3.3	35410	27061	1.951	42066	18.2	45147	2.257	37445	100	5.9
	12.0	3.0	6.9	35513	27083	1.886	41948	18.8	46092	2.264	38366	101	6.0
	16.0	5.1	11.7	35616	27105	1.821	41830	19.6	47037	2.272	39287	102	6.1
90	8.0	1.4	3.2	33673	26526	2.211	41217	15.2	49192	2.282	41407	103	6.3
	12.0	3.0	6.8	33776	26548	2.146	41099	15.7	50137	2.289	42328	104	6.4
	16.0	5.0	11.6	33880	26570	2.081	40981	16.3	51083	2.296	43249	104	6.5
100	8.0	1.4	3.2	31734	25802	2.537	40389	12.5	Operation Not Recommended				
	12.0	2.9	6.7	31837	25825	2.472	40271	12.9					
	16.0	4.9	11.4	31940	25847	2.407	40152	13.3					
110	8.0	1.4	3.2	29617	24924	2.908	39540	10.2					
	12.0	2.9	6.6	29720	24946	2.843	39422	10.5					
	16.0	4.9	11.3	29824	24968	2.778	39304	10.7					
120	8.0	1.4	3.1	26934	23935	3.294	38174	8.2					
	12.0	2.9	6.6	27038	23957	3.229	38056	8.4					
	16.0	4.8	11.2	27141	23979	3.164	37938	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 123: WSTH060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.4	3.3	Operation Not Recommended					39972	3.677	27427	90	3.2
	15.0	3.0	7.0						41834	3.731	29101	90	3.3
	20.0	5.2	12.0						43695	3.786	30776	91	3.4
30	10.0	1.4	3.2	64922	42994	2.812	74518	23.1	42890	3.749	30097	91	3.4
	15.0	3.0	6.9	65149	43044	2.696	74348	24.2	44751	3.804	31772	92	3.4
	20.0	5.1	11.8	65375	43094	2.580	74177	25.3	46613	3.859	33446	93	3.5
40	10.0	1.4	3.1	64436	43207	2.971	74573	21.7	49295	3.917	35929	94	3.7
	15.0	2.9	6.7	64662	43257	2.855	74403	22.7	51156	3.972	37603	95	3.8
	20.0	5.0	11.5	64888	43307	2.738	74232	23.7	53017	4.027	39278	96	3.9
50	10.0	1.3	3.0	63950	43426	3.109	74560	20.6	56157	4.106	42146	97	4.0
	15.0	2.8	6.5	64177	43477	2.993	74390	21.4	58018	4.161	43821	98	4.1
	20.0	4.9	11.2	64403	43527	2.877	74219	22.4	59880	4.216	45495	99	4.2
60	10.0	1.3	3.0	63185	43453	3.270	74343	19.3	63115	4.305	48427	101	4.3
	15.0	2.8	6.4	63411	43503	3.154	74172	20.1	64976	4.359	50101	102	4.4
	20.0	4.7	10.9	63637	43553	3.038	74002	20.9	66837	4.414	51775	103	4.4
70	10.0	1.3	2.9	61956	43161	3.486	73852	17.8	69805	4.501	54447	104	4.5
	15.0	2.7	6.2	62182	43211	3.370	73681	18.5	71666	4.556	56121	105	4.6
	20.0	4.6	10.7	62408	43262	3.254	73511	19.2	73528	4.611	57796	106	4.7
80	10.0	1.2	2.9	60180	42502	3.783	73087	15.9	75866	4.684	59884	107	4.7
	15.0	2.6	6.1	60406	42552	3.667	72917	16.5	77727	4.739	61558	108	4.8
	20.0	4.5	10.5	60632	42602	3.550	72746	17.1	79588	4.793	63232	109	4.9
90	10.0	1.2	2.8	57870	41500	4.176	72119	13.9	80935	4.842	64414	110	4.9
	15.0	2.6	6.0	58096	41550	4.060	71948	14.3	82796	4.896	66088	110	5.0
	20.0	4.5	10.3	58322	41600	3.943	71778	14.8	84657	4.951	67763	111	5.0
100	10.0	1.2	2.8	55139	40256	4.673	71083	11.8	Operation Not Recommended				
	15.0	2.6	5.9	55365	40306	4.557	70913	12.2					
	20.0	4.4	10.2	55591	40357	4.440	70742	12.5					
110	10.0	1.2	2.7	52197	38946	5.272	70187	9.9					
	15.0	2.5	5.9	52424	38997	5.156	70017	10.2					
	20.0	4.4	10.1	52650	39047	5.040	69846	10.4					
120	10.0	1.2	2.7	49354	37821	5.964	69706	8.3					
	15.0	2.5	5.8	49581	37872	5.848	69535	8.5					
	20.0	4.3	10.0	49807	37922	5.732	69365	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 124: WSTH060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.4	3.3	Operation Not Recommended					26952	2.729	17639	85	2.9
	15.0	3.0	7.0						28128	2.734	18799	86	3.0
	20.0	5.2	12.0						29303	2.739	19959	86	3.1
30	10.0	1.4	3.2	48328	33269	1.723	54206	28.1	29433	2.756	20029	86	3.1
	15.0	3.0	6.9	48598	33308	1.652	54234	29.4	30609	2.761	21189	87	3.2
	20.0	5.1	11.8	48868	33348	1.581	54262	30.9	31785	2.765	22349	88	3.4
40	10.0	1.4	3.1	47656	33197	1.874	54051	25.4	34768	2.813	25170	89	3.6
	15.0	2.9	6.7	47926	33237	1.803	54079	26.6	35944	2.817	26330	90	3.7
	20.0	5.0	11.5	48195	33276	1.733	54107	27.8	37119	2.822	27490	91	3.9
50	10.0	1.3	3.0	47533	33694	1.973	54265	24.1	40386	2.871	30590	93	4.1
	15.0	2.8	6.5	47803	33734	1.902	54293	25.1	41562	2.876	31749	93	4.2
	20.0	4.9	11.2	48073	33773	1.831	54321	26.3	42737	2.880	32909	94	4.3
60	10.0	1.3	3.0	47294	34208	2.081	54393	22.7	46034	2.928	36043	96	4.6
	15.0	2.8	6.4	47564	34248	2.010	54421	23.7	47209	2.933	37203	96	4.7
	20.0	4.7	10.9	47834	34287	1.939	54449	24.7	48385	2.937	38363	97	4.8
70	10.0	1.3	2.9	46492	34366	2.243	54144	20.7	51456	2.980	41288	99	5.1
	15.0	2.7	6.2	46762	34405	2.172	54172	21.5	52632	2.985	42448	99	5.2
	20.0	4.6	10.7	47032	34444	2.101	54200	22.4	53808	2.989	43608	100	5.3
80	10.0	1.2	2.9	44906	33970	2.486	53387	18.1	56399	3.024	46081	102	5.5
	15.0	2.6	6.1	45176	34010	2.415	53415	18.7	57575	3.029	47241	102	5.6
	20.0	4.5	10.5	45446	34049	2.344	53443	19.4	58750	3.033	48401	103	5.7
90	10.0	1.2	2.8	42534	33005	2.819	52154	15.1	60608	3.057	50178	104	5.8
	15.0	2.6	6.0	42804	33044	2.748	52181	15.6	61783	3.061	51338	105	5.9
	20.0	4.5	10.3	43074	33083	2.677	52209	16.1	62959	3.066	52498	105	6.0
100	10.0	1.2	2.8	39600	31628	3.234	50636	12.2	Operation Not Recommended				
	15.0	2.6	5.9	39870	31667	3.163	50663	12.6					
	20.0	4.4	10.2	40140	31707	3.092	50691	13.0					
110	10.0	1.2	2.7	36548	30178	3.704	49188	9.9					
	15.0	2.5	5.9	36818	30218	3.633	49215	10.1					
	20.0	4.4	10.1	37087	30257	3.562	49243	10.4					
120	10.0	1.2	2.7	34044	29170	4.185	48325	8.1					
	15.0	2.5	5.8	34314	29210	4.114	48353	8.3					
	20.0	4.3	10.0	34584	29249	4.044	48381	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 125: WSTH070 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.8	4.2	Operation Not Recommended					46289	4.547	30773	88	3.0
	18.0	3.9	9.0						49785	4.644	33939	90	3.1
	24.0	6.7	15.4						53280	4.740	37106	91	3.3
30	12.0	1.8	4.1	82565	55352	3.386	94118	24.4	49512	4.632	33708	90	3.1
	18.0	3.8	8.8	83143	55598	3.241	94202	25.7	53008	4.728	36874	91	3.3
	24.0	6.6	15.2	83721	55845	3.097	94287	27.0	56504	4.825	40041	92	3.4
40	12.0	1.7	4.0	81222	55711	3.609	93536	22.5	56518	4.813	40095	92	3.4
	18.0	3.7	8.6	81800	55957	3.464	93620	23.6	60014	4.910	43261	94	3.6
	24.0	6.4	14.7	82378	56204	3.319	93705	24.8	63510	5.006	46428	95	3.7
50	12.0	1.7	3.9	79674	55440	3.853	92822	20.7	64043	5.008	46953	95	3.7
	18.0	3.6	8.3	80252	55687	3.709	92906	21.6	67539	5.105	50120	97	3.9
	24.0	6.2	14.3	80830	55934	3.564	92991	22.7	71035	5.202	53286	98	4.0
60	12.0	1.7	3.8	77872	54675	4.111	91898	18.9	71820	5.216	54023	99	4.0
	18.0	3.5	8.1	78450	54921	3.966	91982	19.8	75316	5.312	57190	100	4.2
	24.0	6.1	14.0	79028	55168	3.821	92066	20.7	78811	5.409	60356	101	4.3
70	12.0	1.6	3.7	75766	53548	4.389	90743	17.3	79580	5.432	61044	102	4.3
	18.0	3.5	8.0	76344	53795	4.245	90827	18.0	83076	5.529	64211	103	4.4
	24.0	5.9	13.7	76922	54042	4.100	90912	18.8	86572	5.626	67377	104	4.5
80	12.0	1.6	3.7	73308	52196	4.715	89397	15.5	87057	5.657	67756	105	4.5
	18.0	3.4	7.8	73886	52442	4.570	89481	16.2	90553	5.753	70922	106	4.6
	24.0	5.8	13.4	74464	52689	4.426	89566	16.8	94049	5.850	74089	107	4.7
90	12.0	1.6	3.6	70448	50751	5.132	87958	13.7	93981	5.886	73897	107	4.7
	18.0	3.3	7.7	71027	50997	4.987	88042	14.2	97477	5.983	77064	109	4.8
	24.0	5.7	13.2	71605	51244	4.842	88126	14.8	100973	6.079	80230	110	4.9
100	12.0	1.5	3.5	67138	49348	5.699	86582	11.8	Operation Not Recommended				
	18.0	3.3	7.6	67716	49594	5.554	86667	12.2					
	24.0	5.6	13.0	68294	49841	5.409	86751	12.6					
110	12.0	1.5	3.5	63327	48121	6.494	85486	9.8					
	18.0	3.3	7.5	63905	48367	6.349	85570	10.1					
	24.0	5.6	12.9	64484	48614	6.205	85654	10.4					
120	12.0	1.5	3.5	58968	47204	7.613	84943	7.7					
	18.0	3.2	7.4	59546	47451	7.468	85028	8.0					
	24.0	5.5	12.8	60124	47698	7.323	85112	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 126: WSTH070 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.8	4.2	Operation Not Recommended					33197	3.443	21448	84	2.8
	18.0	3.9	9.0						35304	3.450	23533	85	3.0
	24.0	6.7	15.4						37411	3.456	25617	86	3.2
30	12.0	1.8	4.1	61970	45201	1.976	68713	31.4	35952	3.457	24156	86	3.0
	18.0	3.8	8.8	62260	45643	1.882	68682	33.1	38059	3.464	26241	87	3.2
	24.0	6.6	15.2	62550	46085	1.788	68650	35.0	40166	3.470	28325	87	3.4
40	12.0	1.7	4.0	61805	45867	2.165	69191	28.6	41638	3.489	29733	88	3.5
	18.0	3.7	8.6	62095	46309	2.070	69159	30.0	43745	3.496	31817	89	3.7
	24.0	6.4	14.7	62386	46751	1.976	69128	31.6	45852	3.502	33902	90	3.8
50	12.0	1.7	3.9	61012	46024	2.338	68990	26.1	47457	3.525	35431	91	3.9
	18.0	3.6	8.3	61303	46466	2.244	68959	27.3	49564	3.531	37515	91	4.1
	24.0	6.2	14.3	61593	46908	2.150	68928	28.7	51671	3.538	39600	92	4.3
60	12.0	1.7	3.8	59663	45730	2.536	68316	23.5	53292	3.562	41137	93	4.4
	18.0	3.5	8.1	59954	46173	2.442	68285	24.6	55399	3.569	43222	94	4.5
	24.0	6.1	14.0	60244	46615	2.347	68253	25.7	57505	3.575	45306	95	4.7
70	12.0	1.6	3.7	57829	45043	2.788	67342	20.7	59022	3.599	46740	96	4.8
	18.0	3.5	8.0	58120	45486	2.693	67310	21.6	61129	3.606	48825	97	5.0
	24.0	5.9	13.7	58410	45928	2.599	67279	22.5	63236	3.613	50909	97	5.1
80	12.0	1.6	3.7	55582	44021	3.115	66210	17.8	64528	3.634	52128	98	5.2
	18.0	3.4	7.8	55872	44463	3.021	66179	18.5	66635	3.641	54212	99	5.4
	24.0	5.8	13.4	56163	44906	2.926	66148	19.2	68742	3.647	56297	100	5.5
90	12.0	1.6	3.6	52993	42721	3.529	65035	15.0	69692	3.665	57187	100	5.6
	18.0	3.3	7.7	53283	43163	3.435	65003	15.5	71799	3.671	59272	101	5.7
	24.0	5.7	13.2	53573	43605	3.341	64972	16.0	73906	3.678	61356	102	5.9
100	12.0	1.5	3.5	50132	41201	4.034	63897	12.4	Operation Not Recommended				
	18.0	3.3	7.6	50423	41643	3.940	63865	12.8					
	24.0	5.6	13.0	50713	42085	3.845	63834	13.2					
110	12.0	1.5	3.5	47073	39518	4.623	62849	10.2					
	18.0	3.3	7.5	47364	39961	4.529	62817	10.5					
	24.0	5.6	12.9	47654	40403	4.435	62786	10.7					
120	12.0	1.5	3.5	43886	37731	5.283	61911	8.3					
	18.0	3.2	7.4	44176	38174	5.188	61879	8.5					
	24.0	5.5	12.8	44467	38616	5.094	61848	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Vertical Units - PSC Motor

Table 127: WSCV007 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.6	1.4	Operation Not Recommended					4517	0.513	2767	87	2.6
	1.8	1.1	2.5						4716	0.514	2962	87	2.7
	2.3	1.6	3.7						4915	0.515	3156	88	2.8
30	1.2	0.6	1.4	8995	5679	0.253	9857	35.6	4930	0.518	3164	88	2.8
	1.8	1.1	2.4	9155	5706	0.235	9957	39.0	5129	0.519	3358	89	2.9
	2.3	1.6	3.6	9315	5733	0.217	10056	42.9	5328	0.520	3552	90	3.0
40	1.2	0.6	1.4	8608	5564	0.275	9547	31.3	5785	0.528	3982	91	3.2
	1.8	1.0	2.4	8768	5591	0.257	9646	34.1	5984	0.530	4176	92	3.3
	2.3	1.5	3.5	8928	5618	0.240	9746	37.3	6183	0.531	4370	93	3.4
50	1.2	0.6	1.3	8167	5370	0.312	9232	26.2	6667	0.540	4823	95	3.6
	1.8	1.0	2.3	8327	5397	0.294	9332	28.3	6866	0.542	5017	95	3.7
	2.3	1.5	3.4	8487	5424	0.277	9431	30.7	7065	0.543	5212	96	3.8
60	1.2	0.6	1.3	7704	5151	0.359	8930	21.5	7565	0.553	5679	98	4.0
	1.8	1.0	2.3	7864	5178	0.341	9029	23.0	7764	0.554	5873	99	4.1
	2.3	1.4	3.3	8024	5205	0.324	9129	24.8	7963	0.555	6067	99	4.2
70	1.2	0.5	1.3	7240	4939	0.412	8647	17.6	8465	0.565	6539	101	4.4
	1.8	1.0	2.2	7400	4966	0.395	8746	18.8	8664	0.566	6733	102	4.5
	2.3	1.4	3.3	7560	4993	0.377	8846	20.1	8863	0.567	6927	103	4.6
80	1.2	0.5	1.2	6781	4752	0.469	8383	14.4	9357	0.576	7393	104	4.8
	1.8	0.9	2.2	6941	4778	0.452	8482	15.4	9556	0.577	7587	105	4.9
	2.3	1.4	3.2	7101	4805	0.434	8582	16.4	9755	0.579	7781	106	4.9
90	1.2	0.5	1.2	6322	4586	0.529	8128	11.9	10228	0.585	8231	108	5.1
	1.8	0.9	2.1	6482	4613	0.511	8227	12.7	10427	0.587	8425	108	5.2
	2.3	1.4	3.2	6642	4640	0.494	8327	13.5	10627	0.588	8619	109	5.3
100	1.2	0.5	1.2	5846	4422	0.591	7862	9.9	Operation Not Recommended				
	1.8	0.9	2.1	6006	4449	0.573	7962	10.5					
	2.3	1.3	3.1	6166	4476	0.556	8061	11.1					
110	1.2	0.5	1.2	5320	4222	0.656	7559	8.1					
	1.8	0.9	2.1	5480	4249	0.638	7659	8.6					
	2.3	1.3	3.1	5640	4276	0.621	7758	9.1					
120	1.2	0.5	1.2	4703	3930	0.726	7182	6.5					
	1.8	0.9	2.1	4863	3957	0.709	7281	6.9					
	2.3	1.3	3.0	5023	3984	0.691	7381	7.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 128: WSCV009 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.7	Operation Not Recommended					7139	0.723	4673	92	2.9
	2.3	1.4	3.2						7643	0.728	5159	93	3.1
	3.0	2.2	5.1						8147	0.733	5644	95	3.3
30	1.5	0.7	1.7	12429	7307	0.476	14054	26.1	7801	0.755	5224	94	3.0
	2.3	1.4	3.2	12550	7377	0.442	14058	28.4	8305	0.761	5710	95	3.2
	3.0	2.2	5.0	12671	7447	0.408	14063	31.1	8809	0.766	6195	97	3.4
40	1.5	0.7	1.6	12190	7325	0.505	13914	24.1	9124	0.807	6371	98	3.3
	2.3	1.3	3.1	12311	7396	0.471	13918	26.1	9628	0.812	6856	100	3.5
	3.0	2.1	4.9	12432	7466	0.437	13922	28.5	10131	0.818	7342	101	3.6
50	1.5	0.7	1.6	11876	7221	0.556	13773	21.4	10432	0.844	7553	102	3.6
	2.3	1.3	3.0	11997	7291	0.522	13777	23.0	10936	0.849	8038	104	3.8
	3.0	2.1	4.8	12119	7361	0.487	13782	24.9	11439	0.855	8523	105	3.9
60	1.5	0.7	1.5	11476	7023	0.621	13594	18.5	11709	0.870	8739	106	3.9
	2.3	1.3	2.9	11597	7093	0.586	13598	19.8	12213	0.876	9225	107	4.1
	3.0	2.0	4.7	11718	7164	0.552	13602	21.2	12717	0.881	9710	109	4.2
70	1.5	0.7	1.5	10983	6757	0.694	13351	15.8	12941	0.891	9901	110	4.3
	2.3	1.2	2.9	11104	6827	0.660	13355	16.8	13444	0.896	10386	111	4.4
	3.0	2.0	4.6	11225	6897	0.625	13359	18.0	13948	0.902	10872	113	4.5
80	1.5	0.6	1.5	10404	6445	0.772	13038	13.5	14110	0.909	11008	113	4.5
	2.3	1.2	2.8	10525	6516	0.738	13042	14.3	14614	0.915	11493	115	4.7
	3.0	1.9	4.5	10646	6586	0.704	13047	15.1	15118	0.920	11979	116	4.8
90	1.5	0.6	1.5	9750	6107	0.854	12665	11.4	15203	0.930	12030	117	4.8
	2.3	1.2	2.8	9871	6177	0.820	12669	12.0	15707	0.935	12516	118	4.9
	3.0	1.9	4.4	9992	6247	0.786	12673	12.7	16210	0.941	13001	120	5.1
100	1.5	0.6	1.4	9045	5758	0.941	12257	9.6	Operation Not Recommended				
	2.3	1.2	2.7	9166	5828	0.907	12261	10.1					
	3.0	1.9	4.3	9287	5899	0.873	12266	10.6					
110	1.5	0.6	1.4	8319	5411	1.037	11857	8.0					
	2.3	1.2	2.7	8440	5481	1.003	11861	8.4					
	3.0	1.9	4.3	8561	5551	0.968	11865	8.8					
120	1.5	0.6	1.4	7612	5075	1.146	11523	6.6					
	2.3	1.2	2.7	7733	5145	1.112	11527	7.0					
	3.0	1.8	4.3	7854	5216	1.078	11532	7.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 129: WSCV012 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.2	2.7	Operation Not Recommended					10758	1.277	6401	95	2.5
	3.0	2.2	5.2						11178	1.195	7099	96	2.7
	4.0	3.5	8.1						11598	1.114	7797	97	3.1
30	2.0	1.2	2.7	14606	8966	0.661	16861	22.1	11360	1.263	7051	96	2.6
	3.0	2.2	5.1	14658	9002	0.629	16804	23.3	11780	1.181	7750	97	2.9
	4.0	3.5	8.0	14710	9038	0.597	16747	24.6	12200	1.099	8448	98	3.3
40	2.0	1.1	2.6	14587	9159	0.700	16974	20.9	12713	1.252	8441	99	3.0
	3.0	2.1	5.0	14638	9195	0.668	16916	21.9	13132	1.170	9139	100	3.3
	4.0	3.4	7.8	14690	9230	0.636	16859	23.1	13552	1.089	9838	101	3.6
50	2.0	1.1	2.5	14601	9185	0.755	17178	19.3	14218	1.259	9921	103	3.3
	3.0	2.1	4.8	14653	9221	0.723	17121	20.3	14638	1.178	10620	104	3.6
	4.0	3.3	7.6	14705	9256	0.691	17064	21.3	15058	1.096	11318	105	4.0
60	2.0	1.1	2.5	14455	9062	0.825	17271	17.5	15823	1.278	11463	106	3.6
	3.0	2.0	4.7	14507	9098	0.793	17214	18.3	16243	1.196	12161	107	4.0
	4.0	3.2	7.4	14559	9134	0.761	17156	19.1	16663	1.115	12860	108	4.4
70	2.0	1.1	2.4	14033	8810	0.907	17129	15.5	17473	1.301	13035	110	3.9
	3.0	2.0	4.6	14085	8845	0.875	17072	16.1	17893	1.219	13733	111	4.3
	4.0	3.1	7.2	14137	8881	0.843	17014	16.8	18313	1.138	14431	112	4.7
80	2.0	1.0	2.4	13300	8444	1.000	16712	13.3	19115	1.321	14606	114	4.2
	3.0	2.0	4.5	13352	8480	0.968	16655	13.8	19535	1.240	15304	115	4.6
	4.0	3.1	7.1	13404	8516	0.936	16598	14.3	19955	1.158	16003	116	5.0
90	2.0	1.0	2.3	12300	7985	1.103	16064	11.2	20694	1.333	16146	118	4.6
	3.0	1.9	4.4	12352	8021	1.071	16006	11.5	21114	1.251	16845	119	4.9
	4.0	3.0	7.0	12404	8056	1.039	15949	11.9	21534	1.170	17543	120	5.4
100	2.0	1.0	2.3	11157	7449	1.217	15309	9.2	Operation Not Recommended				
	3.0	1.9	4.4	11208	7485	1.185	15251	9.5					
	4.0	3.0	6.9	11260	7520	1.153	15194	9.8					
110	2.0	1.0	2.3	10073	6855	1.343	14655	7.5					
	3.0	1.9	4.3	10124	6891	1.311	14597	7.7					
	4.0	3.0	6.8	10176	6926	1.279	14540	8.0					
120	2.0	1.0	2.3	9331	6221	1.483	14392	6.3					
	3.0	1.9	4.3	9383	6257	1.451	14335	6.5					
	4.0	2.9	6.8	9434	6292	1.419	14278	6.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 130: WSCV015 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	2.3	5.3	Operation Not Recommended					10417	1.032	6897	89	3.0
	3.8	4.1	9.5						10417	1.031	6898	89	3.0
	5.0	6.3	14.5						10417	1.031	6898	89	3.0
30	2.5	2.3	5.2	18088	11747	0.613	20179	29.5	11338	1.056	7735	91	3.1
	3.8	4.1	9.4	18351	11896	0.578	20324	31.7	11338	1.056	7735	91	3.1
	5.0	6.2	14.3	18613	12046	0.544	20469	34.2	11338	1.056	7736	91	3.1
40	2.5	2.2	5.1	18250	11862	0.665	20518	27.5	13255	1.104	9489	94	3.5
	3.8	4.0	9.1	18513	12011	0.630	20663	29.4	13254	1.104	9489	94	3.5
	5.0	6.0	13.9	18775	12161	0.596	20808	31.5	13254	1.103	9490	94	3.5
50	2.5	2.1	4.9	17821	11731	0.727	20303	24.5	15242	1.149	11320	98	3.9
	3.8	3.8	8.9	18084	11880	0.693	20448	26.1	15242	1.149	11321	98	3.9
	5.0	5.8	13.5	18346	12030	0.658	20593	27.9	15242	1.149	11321	98	3.9
60	2.5	2.1	4.8	17056	11434	0.802	19791	21.3	17256	1.192	13189	102	4.2
	3.8	3.8	8.7	17318	11583	0.767	19936	22.6	17256	1.192	13190	102	4.2
	5.0	5.7	13.2	17581	11732	0.733	20081	24.0	17256	1.191	13190	102	4.2
70	2.5	2.0	4.7	16141	11034	0.888	19171	18.2	19246	1.231	15047	105	4.6
	3.8	3.7	8.5	16403	11183	0.854	19316	19.2	19246	1.230	15047	105	4.6
	5.0	5.6	12.9	16666	11333	0.819	19461	20.3	19245	1.230	15048	105	4.6
80	2.5	2.0	4.6	15196	10579	0.987	18565	15.4	21150	1.265	16834	109	4.9
	3.8	3.6	8.3	15458	10729	0.953	18710	16.2	21150	1.265	16835	109	4.9
	5.0	5.5	12.6	15721	10878	0.918	18855	17.1	21150	1.265	16835	109	4.9
90	2.5	2.0	4.5	14274	10101	1.100	18028	13.0	22901	1.294	18486	112	5.2
	3.8	3.5	8.2	14536	10251	1.066	18173	13.6	22901	1.294	18487	112	5.2
	5.0	5.4	12.4	14799	10400	1.031	18318	14.3	22901	1.294	18487	112	5.2
100	2.5	1.9	4.5	13359	9616	1.227	17547	10.9	Operation Not Recommended				
	3.8	3.5	8.1	13622	9766	1.193	17692	11.4					
	5.0	5.3	12.3	13884	9915	1.158	17837	12.0					
110	2.5	1.9	4.4	12370	9123	1.369	17041	9.0					
	3.8	3.5	8.0	12632	9273	1.335	17186	9.5					
	5.0	5.3	12.1	12895	9422	1.300	17331	9.9					
120	2.5	1.9	4.4	11156	8606	1.526	16364	7.3					
	3.8	3.4	7.9	11418	8755	1.492	16509	7.7					
	5.0	5.2	12.0	11681	8905	1.458	16654	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 131: WSCV019 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.2	5.2	Operation Not Recommended					12650	1.274	8302	89	2.9
	4.5	4.3	9.9						13423	1.295	9003	91	3.0
	6.0	6.8	15.7						14195	1.316	9704	92	3.2
30	3.0	2.2	5.1	22300	13839	0.697	24679	32.0	13609	1.309	9141	91	3.0
	4.5	4.2	9.8	22529	13946	0.673	24825	33.5	14382	1.330	9842	92	3.2
	6.0	6.7	15.5	22758	14053	0.648	24970	35.1	15154	1.351	10543	93	3.3
40	3.0	2.2	5.0	22465	14119	0.775	25109	29.0	15822	1.375	11131	94	3.4
	4.5	4.1	9.5	22694	14226	0.750	25255	30.2	16595	1.396	11832	95	3.5
	6.0	6.5	15.0	22924	14332	0.726	25401	31.6	17368	1.417	12533	97	3.6
50	3.0	2.1	4.8	21910	13864	0.871	24881	25.2	18159	1.434	13265	98	3.7
	4.5	4.0	9.2	22139	13971	0.846	25027	26.2	18932	1.455	13966	99	3.8
	6.0	6.3	14.6	22369	14078	0.822	25173	27.2	19704	1.476	14667	100	3.9
60	3.0	2.0	4.7	20991	13360	0.983	24346	21.3	20372	1.487	15297	101	4.0
	4.5	3.9	9.0	21220	13467	0.959	24492	22.1	21145	1.508	15998	102	4.1
	6.0	6.2	14.3	21450	13574	0.934	24637	23.0	21918	1.529	16699	104	4.2
70	3.0	2.0	4.6	19957	12802	1.111	23749	18.0	22304	1.534	17070	104	4.3
	4.5	3.8	8.8	20186	12909	1.087	23895	18.6	23076	1.555	17771	105	4.3
	6.0	6.1	14.0	20416	13016	1.062	24041	19.2	23849	1.576	18472	107	4.4
80	3.0	2.0	4.5	18952	12298	1.254	23230	15.1	23884	1.574	18513	107	4.4
	4.5	3.7	8.7	19181	12405	1.229	23376	15.6	24657	1.595	19214	108	4.5
	6.0	5.9	13.7	19411	12512	1.205	23522	16.1	25430	1.616	19915	109	4.6
90	3.0	1.9	4.5	18013	11869	1.409	22820	12.8	25133	1.608	19646	109	4.6
	4.5	3.7	8.5	18242	11976	1.384	22966	13.2	25905	1.629	20347	110	4.7
	6.0	5.8	13.5	18472	12083	1.360	23112	13.6	26678	1.650	21048	111	4.7
100	3.0	1.9	4.4	17070	11448	1.576	22447	10.8	Operation Not Recommended				
	4.5	3.6	8.4	17299	11555	1.551	22592	11.2					
	6.0	5.8	13.3	17528	11662	1.527	22738	11.5					
110	3.0	1.9	4.3	15946	10880	1.753	21928	9.1					
	4.5	3.6	8.3	16176	10987	1.729	22074	9.4					
	6.0	5.7	13.1	16405	11094	1.704	22219	9.6					
120	3.0	1.9	4.3	14360	9924	1.939	20977	7.4					
	4.5	3.6	8.2	14590	10031	1.915	21123	7.6					
	6.0	5.6	13.0	14819	10138	1.890	21269	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 132: WSCV024 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	3.4	7.9	Operation Not Recommended					16292	1.594	10854	89	3.0
	6.0	6.5	15.0						16876	1.639	11283	89	3.0
	8.0	10.3	23.7						17459	1.684	11712	90	3.0
30	4.0	3.4	7.7	24541	16389	1.024	28035	24.0	17415	1.619	11890	90	3.2
	6.0	6.4	14.8	24835	16628	0.952	28085	26.1	17998	1.664	12319	91	3.2
	8.0	10.1	23.4	25129	16868	0.881	28134	28.5	18582	1.710	12748	91	3.2
40	4.0	3.3	7.5	25582	17061	1.094	29316	23.4	20198	1.674	14487	93	3.5
	6.0	6.2	14.4	25876	17300	1.023	29366	25.3	20781	1.719	14916	94	3.5
	8.0	9.8	22.7	26171	17540	0.951	29416	27.5	21365	1.764	15344	95	3.5
50	4.0	3.2	7.3	25600	17284	1.195	29679	21.4	23220	1.731	17313	97	3.9
	6.0	6.1	14.0	25894	17524	1.124	29728	23.0	23803	1.777	17741	97	3.9
	8.0	9.6	22.1	26188	17763	1.052	29778	24.9	24386	1.822	18170	98	3.9
60	4.0	3.1	7.1	24989	17146	1.322	29500	18.9	26050	1.789	19947	100	4.3
	6.0	5.9	13.6	25283	17386	1.250	29550	20.2	26634	1.834	20376	101	4.3
	8.0	9.4	21.6	25577	17626	1.179	29599	21.7	27217	1.879	20805	101	4.2
70	4.0	3.0	7.0	24047	16735	1.472	29070	16.3	28425	1.843	22137	103	4.5
	6.0	5.8	13.3	24341	16975	1.400	29119	17.4	29009	1.888	22566	103	4.5
	8.0	9.2	21.1	24635	17214	1.329	29169	18.5	29592	1.934	22994	104	4.5
80	4.0	3.0	6.9	22975	16138	1.645	28588	14.0	30246	1.892	23791	105	4.7
	6.0	5.7	13.1	23269	16378	1.573	28637	14.8	30830	1.937	24220	105	4.7
	8.0	9.0	20.7	23563	16617	1.502	28687	15.7	31413	1.982	24649	106	4.6
90	4.0	2.9	6.8	21878	15446	1.843	28166	11.9	31581	1.932	24988	106	4.8
	6.0	5.6	12.9	22172	15685	1.771	28216	12.5	32164	1.977	25417	107	4.8
	8.0	8.8	20.4	22466	15925	1.699	28265	13.2	32747	2.023	25846	108	4.7
100	4.0	2.9	6.7	20764	14749	2.071	27829	10.0	Operation Not Recommended				
	6.0	5.5	12.7	21058	14988	1.999	27879	10.5					
	8.0	8.7	20.1	21353	15228	1.927	27928	11.1					
110	4.0	2.9	6.6	19544	14138	2.335	27511	8.4					
	6.0	5.4	12.6	19838	14378	2.263	27561	8.8					
	8.0	8.6	19.9	20133	14617	2.191	27610	9.2					
120	4.0	2.8	6.5	18033	13707	2.645	27059	6.8					
	6.0	5.4	12.4	18327	13947	2.574	27108	7.1					
	8.0	8.5	19.7	18621	14186	2.502	27158	7.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 133: WSCV030 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	4.9	11.2	Operation Not Recommended					17647	1.924	11081	86	2.7
	7.5	9.3	21.4						18547	1.945	11910	87	2.8
	10.0	14.7	33.9						19447	1.966	12739	88	2.9
30	5.0	4.8	11.1	28731	19241	1.310	33201	21.9	19159	1.952	12500	88	2.9
	7.5	9.1	21.1	28896	19332	1.277	33252	22.6	20059	1.972	13329	88	3.0
	10.0	14.5	33.4	29062	19422	1.243	33303	23.4	20959	1.993	14159	89	3.1
40	5.0	4.7	10.7	29279	19872	1.387	34012	21.1	22560	2.016	15681	91	3.3
	7.5	8.9	20.5	29445	19963	1.353	34063	21.8	23460	2.037	16510	92	3.4
	10.0	14.0	32.4	29610	20053	1.320	34114	22.4	24360	2.058	17340	92	3.5
50	5.0	4.5	10.4	29389	20237	1.477	34428	19.9	26265	2.091	19131	94	3.7
	7.5	8.6	19.9	29554	20328	1.443	34479	20.5	27165	2.112	19960	95	3.8
	10.0	13.7	31.5	29720	20418	1.410	34530	21.1	28065	2.132	20789	96	3.9
60	5.0	4.4	10.2	29136	20357	1.587	34551	18.4	30059	2.172	22647	98	4.1
	7.5	8.4	19.5	29302	20448	1.554	34603	18.9	30959	2.193	23476	99	4.1
	10.0	13.3	30.8	29467	20538	1.520	34654	19.4	31859	2.214	24305	99	4.2
70	5.0	4.3	10.0	28576	20254	1.725	34464	16.6	33752	2.256	26053	101	4.4
	7.5	8.3	19.0	28742	20345	1.692	34515	17.0	34652	2.277	26883	102	4.5
	10.0	13.1	30.1	28908	20435	1.658	34566	17.4	35552	2.298	27712	103	4.5
80	5.0	4.2	9.8	27744	19950	1.899	34225	14.6	37184	2.339	29202	104	4.7
	7.5	8.1	18.7	27910	20040	1.866	34276	15.0	38084	2.360	30031	105	4.7
	10.0	12.8	29.6	28076	20131	1.832	34328	15.3	38984	2.381	30861	106	4.8
90	5.0	4.2	9.6	26653	19465	2.116	33874	12.6	40220	2.418	31970	107	4.9
	7.5	8.0	18.4	26819	19556	2.083	33926	12.9	41120	2.438	32800	108	4.9
	10.0	12.6	29.1	26985	19646	2.049	33977	13.2	42020	2.459	33629	109	5.0
100	5.0	4.1	9.5	25296	18822	2.384	33430	10.6	Operation Not Recommended				
	7.5	7.9	18.1	25461	18913	2.350	33481	10.8					
	10.0	12.4	28.7	25627	19003	2.317	33533	11.1					
110	5.0	4.1	9.4	23643	18042	2.710	32889	8.7					
	7.5	7.8	17.9	23808	18133	2.676	32940	8.9					
	10.0	12.3	28.4	23974	18223	2.643	32991	9.1					
120	5.0	4.0	9.3	21644	17147	3.101	32227	7.0					
	7.5	7.7	17.8	21810	17238	3.068	32278	7.1					
	10.0	12.2	28.1	21976	17328	3.034	32330	7.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 134: WSCV036 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.1	7.1	Operation Not Recommended					23069	2.430	14776	88	2.8
	9.0	6.0	13.7						24824	2.450	16463	89	3.0
	12.0	9.5	21.9						26579	2.470	18150	90	3.2
30	6.0	3.0	7.0	34941	23684	1.569	40296	22.3	24947	2.468	16524	89	3.0
	9.0	5.9	13.5	35654	24002	1.514	40822	23.5	26702	2.488	18212	90	3.1
	12.0	9.3	21.5	36368	24321	1.459	41348	24.9	28458	2.508	19899	92	3.3
40	6.0	3.0	6.8	37640	25226	1.664	43318	22.6	29484	2.550	20784	93	3.4
	9.0	5.7	13.1	38354	25545	1.609	43844	23.8	31240	2.570	22471	94	3.6
	12.0	9.1	20.9	39067	25863	1.554	44370	25.1	32995	2.590	24158	95	3.7
50	6.0	2.9	6.6	38442	25987	1.787	44539	21.5	34337	2.635	25346	96	3.8
	9.0	5.5	12.8	39156	26306	1.732	45065	22.6	36093	2.655	27033	98	4.0
	12.0	8.8	20.4	39870	26624	1.677	45591	23.8	37848	2.675	28720	99	4.1
60	6.0	2.8	6.5	38050	26166	1.940	44669	19.6	38852	2.721	29567	100	4.2
	9.0	5.4	12.5	38763	26484	1.885	45195	20.6	40607	2.741	31254	101	4.3
	12.0	8.6	19.9	39477	26802	1.830	45722	21.6	42362	2.761	32941	103	4.5
70	6.0	2.7	6.3	36990	25928	2.127	44250	17.4	42624	2.804	33055	103	4.5
	9.0	5.3	12.2	37704	26246	2.072	44776	18.2	44379	2.824	34742	104	4.6
	12.0	8.4	19.4	38418	26564	2.017	45302	19.0	46134	2.844	36429	105	4.8
80	6.0	2.7	6.2	35619	25406	2.352	43644	15.1	45497	2.881	35666	105	4.6
	9.0	5.2	12.0	36333	25724	2.297	44171	15.8	47253	2.901	37353	106	4.8
	12.0	8.3	19.1	37046	26043	2.242	44697	16.5	49008	2.921	39040	108	4.9
90	6.0	2.7	6.1	34115	24701	2.617	43045	13.0	47566	2.948	37506	107	4.7
	9.0	5.1	11.8	34829	25019	2.562	43571	13.6	49322	2.968	39193	108	4.9
	12.0	8.1	18.8	35542	25338	2.507	44097	14.2	51077	2.988	40880	109	5.0
100	6.0	2.6	6.0	32485	23880	2.925	42467	11.1	Operation Not Recommended				
	9.0	5.0	11.6	33199	24199	2.870	42993	11.6					
	12.0	8.0	18.5	33913	24517	2.815	43519	12.0					
110	6.0	2.6	6.0	30562	22978	3.280	41755	9.3					
	9.0	5.0	11.5	31276	23297	3.225	42281	9.7					
	12.0	7.9	18.3	31990	23615	3.170	42807	10.1					
120	6.0	2.6	5.9	28004	21997	3.685	40577	7.6					
	9.0	4.9	11.4	28717	22315	3.630	41103	7.9					
	12.0	7.9	18.1	29431	22633	3.575	41629	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 135: WSCV042 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					27049	2.698	17842	88	2.9
	10.5	7.6	17.5						28419	2.725	19121	89	3.1
	14.0	12.2	28.1						29789	2.751	20400	90	3.2
30	7.0	3.8	8.8	37200	25340	1.970	43923	18.9	29082	2.728	19774	89	3.1
	10.5	7.5	17.2	37547	25484	1.913	44076	19.6	30451	2.754	21054	90	3.2
	14.0	12.0	27.7	37894	25628	1.856	44229	20.4	31821	2.781	22333	91	3.4
40	7.0	3.7	8.6	39275	27118	2.064	46317	19.0	33615	2.801	24057	92	3.5
	10.5	7.3	16.7	39622	27262	2.007	46470	19.7	34984	2.828	25336	93	3.6
	14.0	11.7	26.9	39969	27406	1.950	46623	20.5	36354	2.854	26616	94	3.7
50	7.0	3.6	8.3	40692	28611	2.178	48124	18.7	38539	2.890	28677	95	3.9
	10.5	7.1	16.3	41039	28754	2.121	48277	19.3	39909	2.917	29957	96	4.0
	14.0	11.4	26.2	41386	28898	2.064	48430	20.0	41278	2.943	31236	97	4.1
60	7.0	3.5	8.1	41293	29559	2.321	49214	17.8	43587	2.990	33386	99	4.3
	10.5	6.9	15.9	41640	29703	2.264	49367	18.4	44957	3.016	34665	100	4.4
	14.0	11.1	25.6	41987	29847	2.207	49520	19.0	46327	3.043	35945	100	4.5
70	7.0	3.5	8.0	41018	29832	2.502	49554	16.4	48507	3.095	37948	102	4.6
	10.5	6.7	15.6	41365	29976	2.445	49707	16.9	49877	3.121	39227	103	4.7
	14.0	10.8	25.0	41712	30120	2.388	49859	17.5	51247	3.148	40507	104	4.8
80	7.0	3.4	7.8	39901	29425	2.727	49206	14.6	53061	3.200	42143	105	4.9
	10.5	6.6	15.3	40248	29569	2.670	49359	15.1	54430	3.226	43423	106	4.9
	14.0	10.6	24.6	40596	29713	2.613	49512	15.5	55800	3.253	44702	107	5.0
90	7.0	3.3	7.7	38076	28459	3.005	48330	12.7	57024	3.299	45766	108	5.1
	10.5	6.5	15.0	38423	28603	2.948	48483	13.0	58394	3.326	47046	108	5.1
	14.0	10.5	24.2	38770	28747	2.891	48636	13.4	59763	3.352	48325	109	5.2
100	7.0	3.3	7.6	35770	27186	3.344	47182	10.7	Operation Not Recommended				
	10.5	6.4	14.8	36117	27330	3.287	47334	11.0					
	14.0	10.3	23.8	36464	27474	3.230	47487	11.3					
110	7.0	3.2	7.5	33308	25981	3.753	46113	8.9					
	10.5	6.3	14.6	33655	26125	3.696	46266	9.1					
	14.0	10.2	23.6	34003	26269	3.639	46418	9.3					
120	7.0	3.2	7.4	31112	25349	4.238	45573	7.3					
	10.5	6.3	14.5	31459	25493	4.181	45725	7.5					
	14.0	10.1	23.3	31807	25637	4.124	45878	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 136: WSCV048 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.8	6.3	Operation Not Recommended					32135	3.288	20916	88	2.9
	12.0	6.1	14.0						34145	3.338	22754	90	3.0
	16.0	10.7	24.6						36155	3.389	24592	91	3.1
30	8.0	2.7	6.2	48297	32259	2.422	56562	19.9	34910	3.352	23473	90	3.1
	12.0	6.0	13.8	48888	32544	2.323	56814	21.0	36920	3.402	25311	91	3.2
	16.0	10.5	24.2	49479	32829	2.223	57065	22.3	38930	3.453	27149	92	3.3
40	8.0	2.6	6.1	49313	32362	2.561	58052	19.3	41083	3.485	29191	94	3.5
	12.0	5.8	13.4	49904	32647	2.461	58303	20.3	43093	3.536	31028	95	3.6
	16.0	10.2	23.5	50496	32932	2.362	58555	21.4	45103	3.586	32866	96	3.7
50	8.0	2.6	5.9	49830	32899	2.721	59114	18.3	47504	3.623	35141	97	3.8
	12.0	5.7	13.1	50421	33184	2.621	59365	19.2	49514	3.674	36979	98	4.0
	16.0	9.9	22.9	51012	33469	2.522	59617	20.2	51524	3.724	38817	100	4.1
60	8.0	2.5	5.8	49722	33397	2.912	59657	17.1	53622	3.761	40790	101	4.2
	12.0	5.5	12.7	50313	33682	2.812	59909	17.9	55632	3.811	42628	102	4.3
	16.0	9.7	22.4	50904	33967	2.713	60160	18.8	57642	3.862	44466	103	4.4
70	8.0	2.4	5.6	48935	33542	3.143	59661	15.6	59059	3.894	45773	104	4.4
	12.0	5.4	12.5	49527	33827	3.044	59913	16.3	61069	3.944	47610	105	4.5
	16.0	9.5	21.9	50118	34113	2.944	60165	17.0	63079	3.995	49448	106	4.6
80	8.0	2.4	5.5	47488	33181	3.426	59178	13.9	63605	4.018	49895	107	4.6
	12.0	5.3	12.2	48079	33466	3.326	59430	14.5	65616	4.069	51732	108	4.7
	16.0	9.3	21.5	48671	33751	3.227	59682	15.1	67626	4.119	53570	109	4.8
90	8.0	2.4	5.4	45469	32316	3.769	58330	12.1	67223	4.129	53134	109	4.8
	12.0	5.2	12.0	46061	32601	3.670	58582	12.6	69234	4.180	54971	110	4.9
	16.0	9.2	21.1	46652	32886	3.570	58833	13.1	71244	4.230	56809	111	4.9
100	8.0	2.3	5.4	43039	31112	4.182	57310	10.3	Operation Not Recommended				
	12.0	5.1	11.9	43631	31397	4.083	57562	10.7					
	16.0	9.0	20.8	44222	31682	3.983	57814	11.1					
110	8.0	2.3	5.3	40429	29890	4.676	56385	8.6					
	12.0	5.1	11.7	41021	30175	4.577	56637	9.0					
	16.0	8.9	20.6	41612	30460	4.477	56888	9.3					
120	8.0	2.3	5.3	37942	29131	5.260	55890	7.2					
	12.0	5.0	11.6	38534	29416	5.160	56142	7.5					
	16.0	8.9	20.4	39125	29701	5.061	56393	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 137: WSCV060 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.1	Operation Not Recommended					40662	4.452	25471	89	2.7
	15.0	5.8	13.3						43074	4.523	27642	90	2.8
	20.0	10.1	23.3						45486	4.593	29813	91	2.9
30	10.0	2.6	6.0	62862	40708	2.837	72541	22.2	44409	4.535	28936	90	2.9
	15.0	5.7	13.1	63707	41138	2.698	72912	23.6	46821	4.605	31106	92	3.0
	20.0	9.9	22.9	64553	41568	2.559	73283	25.2	49233	4.676	33277	93	3.1
40	10.0	2.5	5.8	68544	44736	3.012	78822	22.8	51895	4.714	35811	94	3.2
	15.0	5.5	12.7	69390	45167	2.873	79193	24.2	54307	4.784	37982	95	3.3
	20.0	9.7	22.3	70235	45597	2.734	79564	25.7	56719	4.855	40153	96	3.4
50	10.0	2.4	5.6	69360	45692	3.263	80493	21.3	59321	4.907	42580	97	3.5
	15.0	5.4	12.4	70205	46122	3.124	80864	22.5	61733	4.977	44750	98	3.6
	20.0	9.4	21.7	71051	46552	2.985	81235	23.8	64145	5.048	46921	100	3.7
60	10.0	2.4	5.5	67516	44962	3.569	79695	18.9	66628	5.108	49198	101	3.8
	15.0	5.2	12.1	68362	45393	3.430	80066	19.9	69040	5.179	51369	102	3.9
	20.0	9.2	21.2	69207	45823	3.291	80437	21.0	71452	5.250	53539	103	4.0
70	10.0	2.3	5.4	64631	43570	3.921	78012	16.5	73755	5.314	55623	104	4.1
	15.0	5.1	11.8	65477	44000	3.782	78383	17.3	76167	5.385	57793	105	4.1
	20.0	9.0	20.7	66322	44431	3.643	78754	18.2	78579	5.456	59964	106	4.2
80	10.0	2.3	5.3	61732	42172	4.319	76469	14.3	80642	5.519	61811	107	4.3
	15.0	5.0	11.6	62578	42602	4.180	76840	15.0	83054	5.589	63981	108	4.4
	20.0	8.8	20.3	63423	43032	4.041	77211	15.7	85466	5.660	66152	109	4.4
90	10.0	2.3	5.2	59255	41058	4.771	75535	12.4	87228	5.717	67719	110	4.5
	15.0	5.0	11.4	60101	41489	4.632	75906	13.0	89640	5.788	69890	111	4.5
	20.0	8.7	20.0	60946	41919	4.493	76277	13.6	92052	5.859	72060	112	4.6
100	10.0	2.2	5.1	57048	40154	5.297	75121	10.8	Operation Not Recommended				
	15.0	4.9	11.3	57894	40585	5.158	75492	11.2					
	20.0	8.5	19.7	58739	41015	5.018	75863	11.7					
110	10.0	2.2	5.1	54367	39019	5.924	74579	9.2					
	15.0	4.8	11.1	55212	39449	5.785	74951	9.5					
	20.0	8.5	19.5	56058	39880	5.646	75322	9.9					
120	10.0	2.2	5.0	49877	36846	6.691	72707	7.5					
	15.0	4.8	11.0	50722	37276	6.552	73078	7.7					
	20.0	8.4	19.3	51568	37706	6.413	73449	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 138: WSCV070 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	3.7	8.5	Operation Not Recommended					45389	4.553	29852	88	2.9
	18.0	7.9	18.3						50565	4.749	34360	90	3.1
	24.0	13.7	31.5						55741	4.945	38867	92	3.3
30	12.0	3.6	8.3	72350	47200	3.086	82880	23.4	51166	4.698	35137	90	3.2
	18.0	7.8	18.0	73493	47733	2.898	83381	25.4	56342	4.894	39645	93	3.4
	24.0	13.4	31.0	74635	48265	2.710	83882	27.5	61518	5.090	44152	95	3.5
40	12.0	3.5	8.1	73693	48985	3.274	84865	22.5	61031	5.010	43935	94	3.6
	18.0	7.6	17.5	74836	49517	3.086	85366	24.3	66207	5.206	48442	97	3.7
	24.0	13.1	30.1	75979	50050	2.898	85867	26.2	71383	5.402	52949	99	3.9
50	12.0	3.4	7.9	73974	49693	3.538	86048	20.9	69556	5.332	51361	98	3.8
	18.0	7.4	17.0	75117	50226	3.350	86549	22.4	74732	5.528	55868	100	4.0
	24.0	12.7	29.3	76259	50758	3.162	87050	24.1	79908	5.724	60375	102	4.1
60	12.0	3.3	7.7	73118	49535	3.864	86303	18.9	77573	5.643	58319	101	4.0
	18.0	7.2	16.6	74261	50067	3.676	86804	20.2	82749	5.839	62826	103	4.2
	24.0	12.4	28.6	75403	50600	3.488	87305	21.6	87925	6.035	67334	105	4.3
70	12.0	3.3	7.5	71175	48716	4.242	85651	16.8	85618	5.930	65385	104	4.2
	18.0	7.0	16.2	72318	49248	4.054	86152	17.8	90794	6.126	69892	106	4.3
	24.0	12.1	28.0	73461	49781	3.866	86653	19.0	95970	6.322	74400	108	4.4
80	12.0	3.2	7.4	68320	47440	4.673	84263	14.6	93926	6.190	72805	108	4.4
	18.0	6.9	15.9	69463	47972	4.484	84764	15.5	99102	6.386	77312	110	4.5
	24.0	11.9	27.5	70605	48505	4.296	85265	16.4	104278	6.582	81819	112	4.6
90	12.0	3.2	7.3	64850	45908	5.160	82455	12.6	102436	6.430	80497	111	4.7
	18.0	6.8	15.7	65993	46440	4.972	82956	13.3	107612	6.626	85004	113	4.8
	24.0	11.7	27.0	67135	46973	4.784	83457	14.0	112788	6.822	89511	115	4.8
100	12.0	3.1	7.2	61188	44318	5.716	80693	10.7	Operation Not Recommended				
	18.0	6.7	15.5	62330	44850	5.528	81194	11.3					
	24.0	11.6	26.7	63473	45383	5.340	81695	11.9					
110	12.0	3.1	7.1	57879	42864	6.362	79588	9.1					
	18.0	6.6	15.3	59022	43397	6.174	80089	9.6					
	24.0	11.4	26.4	60165	43929	5.986	80590	10.1					
120	12.0	3.0	7.0	55596	41739	7.123	79902	7.8					
	18.0	6.6	15.1	56738	42272	6.935	80403	8.2					
	24.0	11.3	26.1	57881	42804	6.747	80904	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 139: WSMV007 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.5	1.1	Operation Not Recommended					4548	0.522	2766	87	2.6
	1.8	0.9	2.2						4847	0.524	3060	88	2.7
	2.3	1.5	3.5						5145	0.525	3354	89	2.9
30	1.2	0.5	1.1	8499	5455	0.396	9849	21.5	5081	0.531	3271	89	2.8
	1.8	0.9	2.1	8585	5505	0.372	9855	23.1	5379	0.532	3564	90	3.0
	2.3	1.5	3.4	8671	5555	0.349	9861	24.9	5678	0.533	3858	91	3.1
40	1.2	0.5	1.1	8444	5522	0.371	9711	22.7	6144	0.544	4286	93	3.3
	1.8	0.9	2.1	8529	5572	0.348	9717	24.5	6443	0.546	4580	94	3.5
	2.3	1.4	3.3	8615	5622	0.325	9723	26.5	6741	0.547	4874	95	3.6
50	1.2	0.5	1.0	8302	5509	0.384	9611	21.6	7191	0.555	5296	96	3.8
	1.8	0.9	2.0	8387	5559	0.360	9617	23.3	7489	0.557	5590	98	3.9
	2.3	1.4	3.2	8473	5609	0.337	9623	25.1	7788	0.558	5884	99	4.1
60	1.2	0.4	1.0	8066	5428	0.419	9496	19.3	8204	0.563	6283	100	4.3
	1.8	0.9	2.0	8152	5478	0.395	9502	20.6	8503	0.564	6577	101	4.4
	2.3	1.4	3.1	8238	5528	0.372	9508	22.1	8801	0.566	6871	102	4.6
70	1.2	0.4	1.0	7732	5286	0.467	9324	16.6	9168	0.568	7229	104	4.7
	1.8	0.8	1.9	7817	5336	0.443	9330	17.6	9467	0.570	7523	105	4.9
	2.3	1.3	3.1	7903	5386	0.420	9336	18.8	9765	0.571	7817	106	5.0
80	1.2	0.4	1.0	7290	5093	0.520	9066	14.0	10066	0.571	8117	107	5.2
	1.8	0.8	1.9	7376	5143	0.497	9072	14.8	10364	0.572	8411	108	5.3
	2.3	1.3	3.0	7462	5193	0.474	9078	15.8	10663	0.574	8705	109	5.4
90	1.2	0.4	1.0	6736	4859	0.577	8704	11.7	10881	0.572	8930	110	5.6
	1.8	0.8	1.9	6822	4909	0.553	8709	12.3	11180	0.573	9224	111	5.7
	2.3	1.3	3.0	6908	4959	0.530	8715	13.0	11478	0.574	9518	112	5.9
100	1.2	0.4	1.0	6063	4593	0.635	8230	9.5	Operation Not Recommended				
	1.8	0.8	1.8	6149	4643	0.612	8236	10.1					
	2.3	1.3	2.9	6234	4693	0.588	8242	10.6					
110	1.2	0.4	0.9	5264	4305	0.700	7651	7.5					
	1.8	0.8	1.8	5349	4355	0.676	7657	7.9					
	2.3	1.3	2.9	5435	4405	0.653	7663	8.3					
120	1.2	0.4	0.9	4332	4004	0.777	6983	5.6					
	1.8	0.8	1.8	4417	4054	0.754	6989	5.9					
	2.3	1.2	2.9	4503	4104	0.730	6995	6.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 140: WSMV009 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.8	1.9	Operation Not Recommended					6963	0.770	4337	91	2.7
	2.3	1.6	3.7						7417	0.782	4748	93	2.8
	3.0	2.5	5.8						7871	0.795	5160	94	2.9
30	1.5	0.8	1.9	12340	7586	0.505	14062	24.4	7630	0.786	4949	93	2.8
	2.3	1.6	3.6	12500	7648	0.471	14107	26.5	8084	0.798	5360	95	3.0
	3.0	2.5	5.7	12660	7709	0.438	14153	28.9	8538	0.811	5772	96	3.1
40	1.5	0.8	1.9	12146	7483	0.544	14002	22.3	9000	0.818	6209	98	3.2
	2.3	1.5	3.5	12306	7545	0.510	14048	24.1	9454	0.831	6620	99	3.3
	3.0	2.4	5.6	12466	7607	0.477	14093	26.1	9908	0.843	7032	100	3.4
50	1.5	0.8	1.8	11830	7323	0.585	13826	20.2	10390	0.850	7490	102	3.6
	2.3	1.5	3.4	11990	7384	0.551	13872	21.7	10844	0.862	7901	103	3.7
	3.0	2.3	5.4	12150	7446	0.518	13917	23.5	11298	0.875	8313	105	3.8
60	1.5	0.8	1.8	11401	7106	0.634	13564	18.0	11764	0.881	8759	106	3.9
	2.3	1.5	3.4	11561	7167	0.600	13610	19.3	12218	0.893	9171	108	4.0
	3.0	2.3	5.3	11721	7229	0.567	13655	20.7	12672	0.906	9582	109	4.1
70	1.5	0.8	1.7	10872	6838	0.695	13243	15.6	13088	0.910	9984	110	4.2
	2.3	1.4	3.3	11032	6899	0.661	13288	16.7	13542	0.922	10396	112	4.3
	3.0	2.2	5.2	11192	6961	0.627	13333	17.8	13996	0.934	10807	113	4.4
80	1.5	0.7	1.7	10257	6526	0.770	12883	13.3	14327	0.936	11132	114	4.5
	2.3	1.4	3.2	10417	6588	0.736	12928	14.2	14780	0.949	11544	115	4.6
	3.0	2.2	5.1	10577	6649	0.702	12973	15.1	15234	0.961	11956	117	4.6
90	1.5	0.7	1.7	9573	6181	0.859	12503	11.1	15445	0.959	12171	117	4.7
	2.3	1.4	3.2	9733	6242	0.825	12549	11.8	15899	0.972	12583	119	4.8
	3.0	2.2	5.0	9893	6304	0.791	12594	12.5	16353	0.984	12994	120	4.9
100	1.5	0.7	1.6	8841	5815	0.961	12118	9.2	Operation Not Recommended				
	2.3	1.4	3.1	9001	5876	0.927	12164	9.7					
	3.0	2.1	4.9	9161	5938	0.893	12209	10.3					
110	1.5	0.7	1.6	8082	5443	1.072	11738	7.5					
	2.3	1.3	3.1	8242	5505	1.038	11784	7.9					
	3.0	2.1	4.9	8402	5566	1.004	11829	8.4					
120	1.5	0.7	1.6	7322	5085	1.186	11369	6.2					
	2.3	1.3	3.1	7482	5146	1.153	11415	6.5					
	3.0	2.1	4.8	7641	5208	1.119	11460	6.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 141: WSMV012 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.2	2.8	Operation Not Recommended					9076	0.973	5755	91	2.7
	3.0	2.3	5.3						9760	0.998	6353	92	2.9
	4.0	3.6	8.3						10444	1.023	6952	94	3.0
30	2.0	1.2	2.8	16094	10084	0.658	18339	24.5	9763	1.004	6339	92	2.9
	3.0	2.3	5.2	16298	10193	0.618	18406	26.4	10447	1.029	6937	94	3.0
	4.0	3.6	8.2	16502	10303	0.577	18472	28.6	11131	1.054	7535	96	3.1
40	2.0	1.2	2.7	15781	9930	0.725	18257	21.8	11362	1.060	7746	96	3.1
	3.0	2.2	5.1	15985	10039	0.685	18323	23.3	12046	1.085	8344	98	3.3
	4.0	3.4	8.0	16189	10149	0.645	18390	25.1	12729	1.110	8942	99	3.4
50	2.0	1.1	2.6	15372	9719	0.803	18114	19.1	13174	1.111	9384	100	3.5
	3.0	2.1	4.9	15576	9829	0.763	18180	20.4	13857	1.136	9982	102	3.6
	4.0	3.4	7.7	15780	9938	0.723	18247	21.8	14541	1.161	10581	103	3.7
60	2.0	1.1	2.5	14858	9470	0.881	17865	16.9	15096	1.157	11148	105	3.8
	3.0	2.1	4.8	15062	9580	0.841	17932	17.9	15779	1.182	11747	106	3.9
	4.0	3.3	7.6	15266	9689	0.801	17998	19.1	16463	1.207	12345	108	4.0
70	2.0	1.1	2.5	14237	9193	0.955	17494	14.9	17025	1.199	12933	109	4.2
	3.0	2.0	4.7	14441	9303	0.914	17561	15.8	17708	1.224	13531	111	4.2
	4.0	3.2	7.4	14645	9412	0.874	17627	16.8	18392	1.249	14129	112	4.3
80	2.0	1.1	2.4	13514	8888	1.025	17012	13.2	18858	1.239	14631	113	4.5
	3.0	2.0	4.6	13718	8998	0.985	17079	13.9	19541	1.264	15230	115	4.5
	4.0	3.1	7.3	13922	9107	0.945	17145	14.7	20225	1.289	15828	117	4.6
90	2.0	1.0	2.4	12701	8546	1.101	16457	11.5	20492	1.276	16139	117	4.7
	3.0	2.0	4.5	12905	8656	1.060	16524	12.2	21176	1.301	16737	119	4.8
	4.0	3.1	7.1	13109	8765	1.020	16591	12.8	21859	1.326	17335	120	4.8
100	2.0	1.0	2.4	11820	8148	1.195	15897	9.9	Operation Not Recommended				
	3.0	1.9	4.5	12024	8258	1.155	15964	10.4					
	4.0	3.1	7.0	12228	8367	1.114	16031	11.0					
110	2.0	1.0	2.3	10898	7667	1.327	15427	8.2					
	3.0	1.9	4.4	11102	7776	1.287	15494	8.6					
	4.0	3.0	7.0	11306	7886	1.247	15560	9.1					
120	2.0	1.0	2.3	9969	7064	1.524	15169	6.5					
	3.0	1.9	4.4	10173	7173	1.484	15236	6.9					
	4.0	3.0	6.9	10377	7283	1.444	15303	7.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 142: WSMV015 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.6	3.7	Operation Not Recommended					9637	0.975	6311	88	2.9
	3.8	3.1	7.1						10287	0.986	6922	89	3.1
	5.0	4.9	11.2						10936	0.997	7534	90	3.2
30	2.5	1.6	3.7	18254	11861	0.551	20136	33.1	10573	0.998	7169	89	3.1
	3.8	3.0	7.0	18464	11962	0.523	20248	35.3	11222	1.009	7781	91	3.3
	5.0	4.8	11.1	18674	12063	0.494	20361	37.8	11872	1.020	8392	92	3.4
40	2.5	1.5	3.6	18219	12010	0.610	20301	29.9	12500	1.038	8957	93	3.5
	3.8	2.9	6.8	18429	12112	0.582	20413	31.7	13150	1.050	9569	94	3.7
	5.0	4.7	10.7	18639	12213	0.553	20526	33.7	13799	1.061	10180	95	3.8
50	2.5	1.5	3.5	17815	11819	0.682	20143	26.1	14309	1.073	10647	96	3.9
	3.8	2.9	6.6	18025	11920	0.654	20255	27.6	14958	1.084	11259	98	4.0
	5.0	4.5	10.4	18235	12022	0.625	20368	29.2	15608	1.096	11870	99	4.2
60	2.5	1.5	3.4	17152	11441	0.767	19770	22.4	15843	1.102	12082	99	4.2
	3.8	2.8	6.4	17362	11542	0.739	19882	23.5	16493	1.113	12693	100	4.3
	5.0	4.4	10.2	17572	11643	0.710	19995	24.7	17142	1.125	13305	102	4.5
70	2.5	1.4	3.3	16316	10985	0.866	19271	18.8	17031	1.126	13189	101	4.4
	3.8	2.7	6.3	16525	11086	0.837	19383	19.7	17681	1.137	13800	103	4.6
	5.0	4.3	10.0	16735	11188	0.809	19495	20.7	18330	1.148	14412	104	4.7
80	2.5	1.4	3.2	15373	10519	0.979	18712	15.7	17886	1.145	13979	103	4.6
	3.8	2.7	6.2	15583	10620	0.950	18825	16.4	18535	1.156	14590	104	4.7
	5.0	4.2	9.8	15793	10721	0.921	18937	17.1	19185	1.167	15202	105	4.8
90	2.5	1.4	3.2	14371	10066	1.105	18142	13.0	18505	1.159	14549	104	4.7
	3.8	2.6	6.1	14581	10167	1.077	18254	13.5	19154	1.170	15161	105	4.8
	5.0	4.2	9.6	14791	10269	1.048	18367	14.1	19804	1.182	15772	106	4.9
100	2.5	1.4	3.1	13335	9608	1.246	17587	10.7	Operation Not Recommended				
	3.8	2.6	6.0	13545	9709	1.217	17699	11.1					
	5.0	4.1	9.5	13755	9810	1.189	17811	11.6					
110	2.5	1.3	3.1	12270	9080	1.402	17052	8.8					
	3.8	2.6	5.9	12480	9181	1.373	17165	9.1					
	5.0	4.1	9.4	12690	9283	1.344	17277	9.4					
120	2.5	1.3	3.1	11161	8379	1.572	16525	7.1					
	3.8	2.6	5.9	11371	8480	1.544	16637	7.4					
	5.0	4.0	9.3	11581	8581	1.515	16750	7.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 143: WSMV019 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.0	4.6	Operation Not Recommended					12647	1.269	8317	89	2.9
	4.5	4.0	9.2						13764	1.299	9331	91	3.1
	6.0	6.5	14.9						14880	1.329	10345	93	3.3
30	3.0	2.0	4.6	23124	14855	0.733	25625	31.5	13799	1.298	9369	91	3.1
	4.5	3.9	9.0	23362	14969	0.699	25749	33.4	14915	1.328	10383	93	3.3
	6.0	6.3	14.6	23600	15082	0.666	25872	35.4	16032	1.358	11397	95	3.5
40	3.0	1.9	4.4	23765	15364	0.787	26450	30.2	16217	1.358	11584	95	3.5
	4.5	3.8	8.8	24003	15477	0.753	26574	31.9	17333	1.388	12598	97	3.7
	6.0	6.2	14.2	24241	15591	0.720	26697	33.7	18450	1.418	13612	98	3.8
50	3.0	1.9	4.3	23328	15202	0.871	26300	26.8	18736	1.417	13900	99	3.9
	4.5	3.7	8.5	23566	15316	0.838	26424	28.1	19853	1.447	14914	100	4.0
	6.0	6.0	13.8	23804	15429	0.804	26547	29.6	20969	1.477	15928	102	4.2
60	3.0	1.8	4.2	22327	14691	0.981	25674	22.8	21285	1.475	16253	103	4.2
	4.5	3.6	8.3	22564	14805	0.948	25798	23.8	22402	1.505	17267	104	4.4
	6.0	5.9	13.5	22802	14918	0.914	25921	24.9	23518	1.535	18282	106	4.5
70	3.0	1.8	4.1	21133	14067	1.113	24929	19.0	23786	1.528	18572	106	4.6
	4.5	3.5	8.1	21371	14181	1.079	25053	19.8	24902	1.558	19586	108	4.7
	6.0	5.7	13.2	21609	14294	1.046	25176	20.7	26019	1.588	20600	110	4.8
80	3.0	1.7	4.0	19978	13478	1.261	24281	15.8	26152	1.576	20776	110	4.9
	4.5	3.5	8.0	20216	13592	1.228	24405	16.5	27268	1.606	21790	112	5.0
	6.0	5.6	13.0	20454	13705	1.194	24528	17.1	28385	1.636	22804	114	5.1
90	3.0	1.7	4.0	18950	12986	1.423	23804	13.3	28289	1.615	22778	113	5.1
	4.5	3.4	7.9	19188	13100	1.389	23928	13.8	29406	1.645	23792	115	5.2
	6.0	5.5	12.8	19426	13213	1.356	24051	14.3	30522	1.675	24806	117	5.3
100	3.0	1.7	3.9	17998	12567	1.592	23431	11.3	Operation Not Recommended				
	4.5	3.4	7.8	18236	12680	1.559	23555	11.7					
	6.0	5.5	12.6	18474	12794	1.525	23678	12.1					
110	3.0	1.7	3.9	16927	12108	1.766	22954	9.6					
	4.5	3.3	7.7	17165	12222	1.733	23077	9.9					
	6.0	5.4	12.5	17403	12335	1.699	23201	10.2					
120	3.0	1.7	3.8	15404	11413	1.940	22022	7.9					
	4.5	3.3	7.6	15642	11527	1.906	22146	8.2					
	6.0	5.3	12.3	15879	11640	1.873	22270	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 144: WSMV024 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.3	5.2	Operation Not Recommended					16561	1.452	11608	89	3.3
	6.0	4.3	10.0						17610	1.463	12618	90	3.5
	8.0	6.9	16.0						18659	1.475	13627	91	3.7
30	4.0	2.2	5.1	26378	19401	1.093	30106	24.1	17993	1.460	13010	91	3.6
	6.0	4.3	9.9	26692	19552	1.051	30276	25.4	19042	1.472	14020	92	3.8
	8.0	6.8	15.7	27006	19703	1.009	30447	26.8	20091	1.483	15029	93	4.0
40	4.0	2.2	5.0	27141	19192	1.125	30981	24.1	20884	1.490	15800	94	4.1
	6.0	4.2	9.6	27455	19343	1.083	31152	25.3	21932	1.501	16810	95	4.3
	8.0	6.6	15.3	27769	19494	1.041	31322	26.7	22981	1.513	17819	96	4.5
50	4.0	2.1	4.8	27090	18983	1.183	31127	22.9	23811	1.531	18585	97	4.6
	6.0	4.0	9.3	27404	19133	1.141	31298	24.0	24860	1.543	19595	99	4.7
	8.0	6.5	14.9	27718	19284	1.099	31468	25.2	25908	1.554	20605	100	4.9
60	4.0	2.0	4.7	26526	18719	1.266	30846	20.9	26734	1.581	21339	101	5.0
	6.0	3.9	9.1	26840	18870	1.224	31017	21.9	27782	1.592	22349	102	5.1
	8.0	6.3	14.5	27154	19021	1.182	31188	23.0	28831	1.604	23358	103	5.3
70	4.0	2.0	4.6	25674	18371	1.376	30370	18.7	29561	1.634	23985	104	5.3
	6.0	3.9	8.9	25988	18522	1.334	30541	19.5	30609	1.646	24995	105	5.5
	8.0	6.2	14.2	26302	18673	1.292	30712	20.4	31658	1.657	26004	106	5.6
80	4.0	2.0	4.5	24684	17927	1.516	29858	16.3	32150	1.686	26396	107	5.6
	6.0	3.8	8.7	24998	18078	1.474	30029	17.0	33199	1.698	27406	108	5.7
	8.0	6.0	14.0	25312	18229	1.432	30199	17.7	34248	1.709	28415	109	5.9
90	4.0	1.9	4.5	23628	17395	1.691	29397	14.0	34311	1.733	28396	109	5.8
	6.0	3.7	8.6	23942	17546	1.649	29568	14.5	35360	1.745	29406	111	5.9
	8.0	6.0	13.7	24256	17697	1.607	29739	15.1	36409	1.756	30416	112	6.1
100	4.0	1.9	4.4	22504	16807	1.905	29004	11.8	Operation Not Recommended				
	6.0	3.7	8.5	22818	16958	1.863	29175	12.2					
	8.0	5.9	13.5	23132	17109	1.821	29346	12.7					
110	4.0	1.9	4.3	21232	16212	2.166	28624	9.8					
	6.0	3.6	8.4	21546	16363	2.124	28795	10.1					
	8.0	5.8	13.4	21860	16514	2.082	28965	10.5					
120	4.0	1.9	4.3	19657	15681	2.483	28129	7.9					
	6.0	3.6	8.3	19971	15832	2.441	28300	8.2					
	8.0	5.7	13.3	20285	15983	2.399	28470	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 145: WSMV030 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.2	7.3	Operation Not Recommended					18531	1.863	12173	87	2.9
	7.5	6.2	14.3						19707	1.880	13290	88	3.1
	10.0	10.0	23.2						20882	1.897	14408	89	3.2
30	5.0	3.1	7.2	30738	21654	1.259	35034	24.4	20176	1.886	13742	89	3.1
	7.5	6.1	14.1	31133	21851	1.204	35242	25.9	21351	1.903	14859	90	3.3
	10.0	9.9	22.8	31529	22047	1.149	35450	27.4	22527	1.920	15976	91	3.4
40	5.0	3.0	7.0	31042	21751	1.332	35586	23.3	23510	1.933	16914	92	3.6
	7.5	5.9	13.7	31438	21948	1.277	35794	24.6	24685	1.950	18031	93	3.7
	10.0	9.6	22.1	31834	22145	1.222	36002	26.1	25861	1.967	19148	94	3.9
50	5.0	2.9	6.8	30828	21819	1.415	35655	21.8	26934	1.985	20162	95	4.0
	7.5	5.8	13.3	31224	22016	1.360	35863	23.0	28109	2.002	21280	96	4.1
	10.0	9.3	21.6	31619	22213	1.305	36071	24.2	29285	2.019	22397	97	4.3
60	5.0	2.9	6.6	30211	21767	1.518	35391	19.9	30435	2.040	23475	98	4.4
	7.5	5.6	13.0	30607	21964	1.463	35600	20.9	31610	2.057	24592	99	4.5
	10.0	9.1	21.0	31002	22161	1.408	35808	22.0	32785	2.074	25709	100	4.6
70	5.0	2.8	6.5	29286	21541	1.652	34923	17.7	33939	2.099	26778	101	4.7
	7.5	5.5	12.7	29681	21737	1.597	35131	18.6	35115	2.116	27896	102	4.9
	10.0	8.9	20.6	30077	21934	1.542	35339	19.5	36290	2.133	29013	103	5.0
80	5.0	2.8	6.3	28125	21122	1.825	34351	15.4	37317	2.161	29942	104	5.1
	7.5	5.4	12.5	28520	21319	1.770	34559	16.1	38492	2.178	31060	105	5.2
	10.0	8.8	20.2	28916	21516	1.715	34767	16.9	39668	2.195	32177	107	5.3
90	5.0	2.7	6.2	26779	20533	2.043	33751	13.1	40378	2.227	32778	107	5.3
	7.5	5.3	12.3	27175	20730	1.988	33959	13.7	41554	2.244	33895	108	5.4
	10.0	8.6	19.9	27571	20927	1.933	34168	14.3	42729	2.261	35013	109	5.5
100	5.0	2.7	6.2	25279	19830	2.314	33174	10.9	Operation Not Recommended				
	7.5	5.3	12.1	25674	20026	2.259	33382	11.4					
	10.0	8.5	19.6	26070	20223	2.204	33590	11.8					
110	5.0	2.6	6.1	23630	19107	2.641	32643	8.9					
	7.5	5.2	12.0	24026	19304	2.586	32851	9.3					
	10.0	8.4	19.4	24422	19501	2.531	33059	9.6					
120	5.0	2.6	6.0	21820	18497	3.030	32159	7.2					
	7.5	5.2	11.9	22216	18694	2.975	32367	7.5					
	10.0	8.3	19.2	22611	18890	2.920	32575	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 146: WSMV036 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.5	3.5	Operation Not Recommended					24728	2.417	16480	89	3.0
	9.0	3.2	7.5						26357	2.450	17996	90	3.2
	12.0	5.5	12.7						27986	2.483	19512	91	3.3
30	6.0	1.5	3.5	39871	27698	1.569	45225	25.4	26470	2.459	18079	90	3.2
	9.0	3.2	7.3	40255	27882	1.510	45405	26.7	28099	2.492	19595	92	3.3
	12.0	5.4	12.5	40638	28067	1.450	45586	28.0	29728	2.525	21111	93	3.5
40	6.0	1.5	3.4	38851	27295	1.672	44556	23.2	30849	2.545	22164	94	3.6
	9.0	3.1	7.1	39234	27480	1.613	44737	24.3	32478	2.578	23680	95	3.7
	12.0	5.3	12.1	39618	27664	1.553	44917	25.5	34107	2.611	25196	96	3.8
50	6.0	1.4	3.3	37959	26702	1.795	44084	21.1	35514	2.632	26534	97	4.0
	9.0	3.0	6.9	38342	26887	1.736	44265	22.1	37143	2.665	28050	99	4.1
	12.0	5.1	11.8	38726	27071	1.676	44446	23.1	38772	2.698	29566	100	4.2
60	6.0	1.4	3.2	37302	26249	1.944	43935	19.2	39675	2.716	30409	100	4.3
	9.0	2.9	6.8	37685	26434	1.885	44116	20.0	41304	2.749	31925	102	4.4
	12.0	5.0	11.5	38069	26618	1.825	44297	20.9	42933	2.782	33441	103	4.5
70	6.0	1.4	3.1	36873	26101	2.124	44120	17.4	42877	2.794	33344	103	4.5
	9.0	2.9	6.6	37257	26285	2.064	44300	18.0	44506	2.827	34861	104	4.6
	12.0	4.9	11.3	37640	26470	2.005	44481	18.8	46135	2.860	36377	105	4.7
80	6.0	1.3	3.1	36549	26257	2.340	44533	15.6	45003	2.863	35235	105	4.6
	9.0	2.8	6.5	36933	26441	2.280	44714	16.2	46632	2.896	36751	106	4.7
	12.0	4.8	11.1	37317	26626	2.221	44894	16.8	48261	2.929	38267	107	4.8
90	6.0	1.3	3.0	36093	26553	2.597	44956	13.9	46273	2.920	36310	106	4.6
	9.0	2.8	6.4	36477	26738	2.538	45136	14.4	47902	2.953	37826	107	4.8
	12.0	4.7	10.9	36861	26922	2.478	45317	14.9	49531	2.986	39342	108	4.9
100	6.0	1.3	3.0	35152	26660	2.902	45053	12.1	Operation Not Recommended				
	9.0	2.7	6.3	35536	26844	2.842	45234	12.5					
	12.0	4.7	10.8	35920	27029	2.783	45415	12.9					
110	6.0	1.3	2.9	33259	26082	3.258	44377	10.2					
	9.0	2.7	6.2	33643	26267	3.199	44557	10.5					
	12.0	4.6	10.6	34027	26451	3.139	44738	10.8					
120	6.0	1.3	2.9	29831	24161	3.672	42361	8.1					
	9.0	2.7	6.2	30215	24346	3.613	42542	8.4					
	12.0	4.6	10.5	30598	24530	3.553	42722	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 147: WSMV042 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.2	5.0	Operation Not Recommended					25935	2.787	16425	87	2.7
	10.5	4.7	10.9						28212	2.818	18596	89	2.9
	14.0	8.1	18.8						30489	2.849	20767	90	3.1
30	7.0	2.2	5.0	42951	29302	1.886	49387	22.8	27983	2.790	18463	88	2.9
	10.5	4.6	10.7	43492	29525	1.809	49664	24.0	30260	2.821	20634	90	3.1
	14.0	8.0	18.5	44032	29749	1.732	49942	25.4	32537	2.852	22805	91	3.3
40	7.0	2.1	4.8	45180	30590	1.987	51961	22.7	32868	2.832	23206	92	3.4
	10.5	4.5	10.4	45720	30814	1.910	52238	23.9	35145	2.863	25377	93	3.6
	14.0	7.8	18.0	46260	31037	1.833	52516	25.2	37422	2.894	27549	95	3.8
50	7.0	2.0	4.7	45513	30999	2.117	52738	21.5	38336	2.911	28404	95	3.9
	10.5	4.4	10.1	46054	31222	2.040	53016	22.6	40613	2.942	30575	97	4.0
	14.0	7.6	17.5	46594	31445	1.963	53293	23.7	42889	2.973	32746	98	4.2
60	7.0	2.0	4.6	44633	30843	2.280	52413	19.6	43920	3.015	33632	99	4.3
	10.5	4.3	9.9	45173	31067	2.203	52691	20.5	46196	3.046	35804	100	4.4
	14.0	7.4	17.1	45713	31290	2.126	52968	21.5	48473	3.077	37975	102	4.6
70	7.0	1.9	4.5	43065	30359	2.480	51527	17.4	49268	3.131	38583	102	4.6
	10.5	4.2	9.7	43605	30582	2.403	51805	18.1	51545	3.162	40755	104	4.8
	14.0	7.2	16.7	44146	30806	2.326	52082	19.0	53822	3.193	42926	105	4.9
80	7.0	1.9	4.4	41183	29700	2.721	50467	15.1	54141	3.247	43060	106	4.9
	10.5	4.1	9.5	41724	29924	2.644	50745	15.8	56417	3.278	45231	107	5.0
	14.0	7.1	16.4	42264	30147	2.567	51022	16.5	58694	3.309	47402	109	5.2
90	7.0	1.9	4.3	39206	28941	3.007	49466	13.0	58411	3.351	46978	108	5.1
	10.5	4.1	9.3	39747	29164	2.930	49743	13.6	60688	3.382	49149	110	5.3
	14.0	7.0	16.1	40287	29387	2.853	50021	14.1	62965	3.413	51320	111	5.4
100	7.0	1.9	4.3	37200	28073	3.342	48602	11.1	Operation Not Recommended				
	10.5	4.0	9.2	37740	28296	3.265	48879	11.6					
	14.0	6.9	15.9	38280	28519	3.188	49157	12.0					
110	7.0	1.8	4.2	35074	27009	3.730	47801	9.4					
	10.5	4.0	9.1	35615	27232	3.653	48078	9.8					
	14.0	6.8	15.7	36155	27455	3.576	48356	10.1					
120	7.0	1.8	4.2	32587	25579	4.175	46833	7.8					
	10.5	3.9	9.0	33128	25803	4.098	47111	8.1					
	14.0	6.8	15.6	33668	26026	4.021	47389	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 148: WSMV048 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					32327	3.297	21077	89	2.9
	12.0	3.7	8.5						34294	3.336	22912	90	3.0
	16.0	6.3	14.6						36262	3.374	24748	91	3.1
30	8.0	1.7	3.9	52112	34687	2.191	59587	23.8	35248	3.346	23831	90	3.1
	12.0	3.6	8.3	52654	34946	2.107	59843	25.0	37215	3.385	25667	91	3.2
	16.0	6.2	14.4	53196	35205	2.023	60098	26.3	39182	3.423	27503	93	3.4
40	8.0	1.6	3.8	54449	35830	2.342	62439	23.3	41269	3.455	29479	94	3.5
	12.0	3.5	8.1	54991	36089	2.258	62695	24.4	43236	3.494	31315	95	3.6
	16.0	6.1	14.0	55533	36348	2.174	62950	25.5	45203	3.532	33151	96	3.8
50	8.0	1.6	3.7	54447	35814	2.517	63033	21.6	47319	3.575	35119	97	3.9
	12.0	3.4	7.9	54989	36072	2.433	63289	22.6	49286	3.614	36955	98	4.0
	16.0	5.9	13.6	55531	36331	2.349	63544	23.6	51253	3.652	38791	99	4.1
60	8.0	1.5	3.6	52961	35146	2.722	62248	19.5	53179	3.702	40547	101	4.2
	12.0	3.3	7.7	53503	35405	2.638	62503	20.3	55146	3.740	42383	102	4.3
	16.0	5.8	13.3	54045	35664	2.554	62759	21.2	57113	3.779	44219	103	4.4
70	8.0	1.5	3.5	50667	34195	2.964	60781	17.1	58663	3.830	45595	104	4.5
	12.0	3.3	7.5	51209	34454	2.880	61036	17.8	60630	3.868	47431	105	4.6
	16.0	5.6	13.0	51751	34713	2.796	61292	18.5	62597	3.907	49267	106	4.7
80	8.0	1.5	3.4	48063	33184	3.250	59154	14.8	63620	3.954	50129	107	4.7
	12.0	3.2	7.4	48605	33443	3.166	59409	15.4	65588	3.992	51965	108	4.8
	16.0	5.5	12.7	49147	33701	3.082	59664	15.9	67555	4.031	53800	109	4.9
90	8.0	1.5	3.4	45468	32195	3.587	57707	12.7	67935	4.070	54049	109	4.9
	12.0	3.2	7.3	46010	32453	3.503	57963	13.1	69902	4.108	55884	110	5.0
	16.0	5.4	12.5	46552	32712	3.419	58218	13.6	71869	4.147	57720	111	5.1
100	8.0	1.4	3.3	43022	31167	3.981	56606	10.8	Operation Not Recommended				
	12.0	3.1	7.2	43564	31426	3.897	56861	11.2					
	16.0	5.4	12.4	44106	31685	3.813	57117	11.6					
110	8.0	1.4	3.3	40687	29899	4.439	55834	9.2					
	12.0	3.1	7.1	41229	30157	4.355	56089	9.5					
	16.0	5.3	12.2	41771	30416	4.271	56345	9.8					
120	8.0	1.4	3.3	38247	28043	4.968	55197	7.7					
	12.0	3.0	7.0	38789	28302	4.884	55453	7.9					
	16.0	5.3	12.1	39331	28561	4.800	55708	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 149: WSMV060 Capacity Data - PSC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.0	Operation Not Recommended					41422	4.237	26966	89	2.9
	15.0	5.8	13.3						43785	4.303	29102	90	3.0
	20.0	10.1	23.3						46149	4.370	31238	91	3.1
30	10.0	2.6	5.9	64322	42161	2.943	74364	21.9	45005	4.314	30286	91	3.1
	15.0	5.7	13.1	65167	42591	2.803	74731	23.3	47369	4.380	32423	92	3.2
	20.0	9.9	22.9	66013	43022	2.662	75097	24.8	49733	4.447	34559	93	3.3
40	10.0	2.5	5.8	63835	42037	3.139	74547	20.3	52362	4.481	37074	94	3.4
	15.0	5.5	12.7	64681	42468	2.999	74913	21.6	54726	4.547	39210	95	3.5
	20.0	9.7	22.3	65526	42898	2.858	75280	22.9	57089	4.614	41346	96	3.6
50	10.0	2.4	5.6	63475	42138	3.389	75037	18.7	59740	4.657	43848	98	3.8
	15.0	5.4	12.4	64320	42568	3.248	75404	19.8	62103	4.724	45984	99	3.9
	20.0	9.4	21.7	65166	42999	3.108	75770	21.0	64467	4.791	48120	100	3.9
60	10.0	2.4	5.5	63047	42313	3.685	75621	17.1	66860	4.836	50358	101	4.1
	15.0	5.2	12.1	63892	42744	3.545	75988	18.0	69224	4.903	52494	102	4.1
	20.0	9.2	21.2	64738	43174	3.404	76354	19.0	71588	4.970	54630	103	4.2
70	10.0	2.3	5.4	62359	42413	4.029	76108	15.5	73446	5.010	56352	104	4.3
	15.0	5.1	11.8	63205	42843	3.889	76475	16.3	75810	5.077	58488	105	4.4
	20.0	9.0	20.7	64050	43274	3.749	76841	17.1	78173	5.143	60624	106	4.5
80	10.0	2.3	5.3	61218	42287	4.429	76331	13.8	79219	5.170	61579	106	4.5
	15.0	5.0	11.6	62064	42717	4.289	76697	14.5	81582	5.236	63715	108	4.6
	20.0	8.8	20.3	62909	43148	4.148	77064	15.2	83946	5.303	65851	109	4.6
90	10.0	2.2	5.2	59432	41785	4.898	76145	12.1	83901	5.308	65789	109	4.6
	15.0	4.9	11.4	60277	42216	4.758	76511	12.7	86264	5.375	67925	110	4.7
	20.0	8.7	20.0	61123	42646	4.617	76878	13.2	88628	5.441	70061	111	4.8
100	10.0	2.2	5.1	56806	40757	5.459	75431	10.4	Operation Not Recommended				
	15.0	4.9	11.3	57652	41188	5.318	75798	10.8					
	20.0	8.6	19.7	58497	41618	5.178	76164	11.3					
110	10.0	2.2	5.0	53149	39054	6.138	74094	8.7					
	15.0	4.8	11.1	53994	39484	5.998	74461	9.0					
	20.0	8.5	19.5	54840	39915	5.858	74827	9.4					
120	10.0	2.2	5.0	48267	36523	6.973	72060	6.9					
	15.0	4.8	11.0	49112	36954	6.833	72427	7.2					
	20.0	8.4	19.3	49958	37385	6.692	72793	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Vertical Units - EC Motor

Table 150: WSCV007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.6	1.4	Operation Not Recommended					4417	0.483	2770	86	2.7
	1.8	1.1	2.5						4616	0.484	2964	87	2.8
	2.3	1.6	3.7						4815	0.485	3158	88	2.9
30	1.2	0.6	1.4	9095	5704	0.248	9940	36.7	4830	0.488	3166	88	2.9
	1.8	1.1	2.4	9255	5731	0.230	10040	40.2	5029	0.489	3361	89	3.0
	2.3	1.6	3.6	9415	5758	0.212	10139	44.4	5228	0.490	3555	89	3.1
40	1.2	0.6	1.4	8708	5589	0.270	9630	32.2	5685	0.498	3984	91	3.3
	1.8	1.0	2.4	8868	5616	0.252	9729	35.1	5884	0.500	4178	92	3.4
	2.3	1.5	3.5	9028	5643	0.235	9829	38.5	6083	0.501	4372	92	3.6
50	1.2	0.6	1.3	8267	5395	0.307	9315	26.9	6567	0.510	4826	94	3.8
	1.8	1.0	2.3	8427	5422	0.289	9414	29.1	6766	0.512	5020	95	3.9
	2.3	1.5	3.4	8587	5449	0.272	9514	31.6	6965	0.513	5214	96	4.0
60	1.2	0.6	1.3	7804	5176	0.354	9012	22.0	7465	0.523	5681	97	4.2
	1.8	1.0	2.3	7964	5203	0.336	9112	23.7	7664	0.524	5876	98	4.3
	2.3	1.4	3.3	8124	5230	0.319	9211	25.5	7863	0.525	6070	99	4.4
70	1.2	0.5	1.3	7340	4964	0.407	8730	18.0	8365	0.535	6541	101	4.6
	1.8	1.0	2.2	7500	4991	0.390	8829	19.3	8564	0.536	6736	102	4.7
	2.3	1.4	3.3	7660	5018	0.372	8929	20.6	8763	0.537	6930	102	4.8
80	1.2	0.5	1.2	6881	4777	0.464	8466	14.8	9257	0.546	7395	104	5.0
	1.8	0.9	2.2	7041	4803	0.447	8565	15.8	9456	0.547	7590	105	5.1
	2.3	1.4	3.2	7201	4830	0.429	8665	16.8	9655	0.549	7784	106	5.2
90	1.2	0.5	1.2	6422	4611	0.524	8211	12.3	10128	0.555	8233	107	5.3
	1.8	0.9	2.1	6582	4638	0.506	8310	13.0	10327	0.557	8428	108	5.4
	2.3	1.4	3.2	6742	4665	0.489	8410	13.8	10527	0.558	8622	109	5.5
100	1.2	0.5	1.2	5946	4447	0.586	7945	10.1	Operation Not Recommended				
	1.8	0.9	2.1	6106	4474	0.568	8045	10.7					
	2.3	1.3	3.1	6266	4501	0.551	8144	11.4					
110	1.2	0.5	1.2	5420	4247	0.651	7642	8.3					
	1.8	0.9	2.1	5580	4274	0.633	7742	8.8					
	2.3	1.3	3.1	5740	4301	0.616	7841	9.3					
120	1.2	0.5	1.2	4803	3955	0.721	7265	6.7					
	1.8	0.9	2.1	4963	3982	0.704	7364	7.1					
	2.3	1.3	3.0	5123	4009	0.686	7464	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 151: WSCV009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.7	1.7	Operation Not Recommended					7039	0.698	4659	92	3.0
	2.3	1.4	3.2						7543	0.703	5144	93	3.1
	3.0	2.2	5.1						8047	0.708	5630	95	3.3
30	1.5	0.7	1.7	12529	7357	0.471	14137	26.6	7701	0.730	5210	94	3.1
	2.3	1.4	3.2	12650	7427	0.437	14141	28.9	8205	0.736	5695	95	3.3
	3.0	2.2	5.0	12771	7497	0.403	14146	31.7	8709	0.741	6181	97	3.4
40	1.5	0.7	1.6	12290	7375	0.500	13996	24.6	9024	0.782	6356	98	3.4
	2.3	1.3	3.1	12411	7446	0.466	14001	26.6	9528	0.787	6842	99	3.5
	3.0	2.1	4.9	12532	7516	0.432	14005	29.0	10031	0.793	7327	101	3.7
50	1.5	0.7	1.6	11976	7271	0.551	13856	21.7	10332	0.819	7538	102	3.7
	2.3	1.3	3.0	12097	7341	0.517	13860	23.4	10836	0.824	8023	103	3.9
	3.0	2.1	4.8	12219	7411	0.482	13865	25.3	11339	0.830	8509	105	4.0
60	1.5	0.7	1.5	11576	7073	0.616	13676	18.8	11609	0.845	8725	106	4.0
	2.3	1.3	2.9	11697	7143	0.581	13681	20.1	12113	0.851	9210	107	4.2
	3.0	2.0	4.7	11818	7214	0.547	13685	21.6	12617	0.856	9695	109	4.3
70	1.5	0.7	1.5	11083	6807	0.689	13434	16.1	12841	0.866	9886	109	4.3
	2.3	1.2	2.9	11204	6877	0.655	13438	17.1	13344	0.871	10372	111	4.5
	3.0	2.0	4.6	11325	6947	0.620	13442	18.3	13848	0.877	10857	113	4.6
80	1.5	0.6	1.5	10504	6495	0.767	13121	13.7	14010	0.884	10993	113	4.6
	2.3	1.2	2.8	10625	6566	0.733	13125	14.5	14514	0.890	11479	115	4.8
	3.0	1.9	4.5	10746	6636	0.699	13130	15.4	15018	0.895	11964	116	4.9
90	1.5	0.6	1.5	9850	6157	0.849	12748	11.6	15103	0.905	12015	116	4.9
	2.3	1.2	2.8	9971	6227	0.815	12752	12.2	15607	0.910	12501	118	5.0
	3.0	1.9	4.4	10092	6297	0.781	12756	12.9	16110	0.916	12986	119	5.2
100	1.5	0.6	1.4	9145	5808	0.936	12340	9.8	Operation Not Recommended				
	2.3	1.2	2.7	9266	5878	0.902	12344	10.3					
	3.0	1.9	4.3	9387	5949	0.868	12349	10.8					
110	1.5	0.6	1.4	8419	5461	1.032	11940	8.2					
	2.3	1.2	2.7	8540	5531	0.998	11944	8.6					
	3.0	1.9	4.3	8661	5601	0.963	11948	9.0					
120	1.5	0.6	1.4	7712	5125	1.141	11606	6.8					
	2.3	1.2	2.7	7833	5195	1.107	11610	7.1					
	3.0	1.8	4.3	7954	5266	1.073	11615	7.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 152: WSCV012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.2	2.7	Operation Not Recommended					10158	1.227	5971	93	2.4
	3.0	2.2	5.2						10578	1.145	6670	94	2.7
	4.0	3.5	8.1						10998	1.064	7368	95	3.0
30	2.0	1.2	2.7	14406	8966	0.626	16542	23.0	10760	1.213	6622	95	2.6
	3.0	2.2	5.1	14458	9002	0.594	16485	24.3	11180	1.131	7320	96	2.9
	4.0	3.5	8.0	14510	9038	0.562	16427	25.8	11600	1.049	8019	97	3.2
40	2.0	1.1	2.6	14387	9159	0.665	16654	21.6	12113	1.202	8011	98	3.0
	3.0	2.1	5.0	14438	9195	0.633	16597	22.8	12532	1.120	8710	99	3.3
	4.0	3.4	7.8	14490	9230	0.601	16540	24.1	12952	1.039	9408	100	3.7
50	2.0	1.1	2.5	14401	9185	0.720	16859	20.0	13618	1.209	9492	101	3.3
	3.0	2.1	4.8	14453	9221	0.688	16802	21.0	14038	1.128	10190	102	3.6
	4.0	3.3	7.6	14505	9256	0.656	16744	22.1	14458	1.046	10889	103	4.1
60	2.0	1.1	2.5	14255	9062	0.790	16952	18.0	15223	1.228	11033	105	3.6
	3.0	2.0	4.7	14307	9098	0.758	16894	18.9	15643	1.146	11732	106	4.0
	4.0	3.2	7.4	14359	9134	0.726	16837	19.8	16063	1.065	12430	107	4.4
70	2.0	1.1	2.4	13833	8810	0.872	16810	15.9	16873	1.251	12605	109	4.0
	3.0	2.0	4.6	13885	8845	0.840	16752	16.5	17293	1.169	13304	110	4.3
	4.0	3.1	7.2	13937	8881	0.808	16695	17.2	17713	1.088	14002	111	4.8
80	2.0	1.0	2.4	13100	8444	0.965	16393	13.6	18515	1.271	14176	113	4.3
	3.0	2.0	4.5	13152	8480	0.933	16336	14.1	18935	1.190	14875	114	4.7
	4.0	3.1	7.1	13204	8516	0.901	16278	14.7	19355	1.108	15573	115	5.1
90	2.0	1.0	2.3	12100	7985	1.068	15744	11.3	20094	1.283	15717	116	4.6
	3.0	1.9	4.4	12152	8021	1.036	15687	11.7	20514	1.201	16415	117	5.0
	4.0	3.0	7.0	12204	8056	1.004	15630	12.2	20934	1.120	17114	118	5.5
100	2.0	1.0	2.3	10957	7449	1.182	14989	9.3	Operation Not Recommended				
	3.0	1.9	4.4	11008	7485	1.150	14932	9.6					
	4.0	3.0	6.9	11060	7520	1.118	14875	9.9					
110	2.0	1.0	2.3	9873	6855	1.308	14335	7.5					
	3.0	1.9	4.3	9924	6891	1.276	14278	7.8					
	4.0	3.0	6.8	9976	6926	1.244	14221	8.0					
120	2.0	1.0	2.3	9131	6221	1.448	14073	6.3					
	3.0	1.9	4.3	9183	6257	1.416	14016	6.5					
	4.0	2.9	6.8	9234	6292	1.384	13958	6.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 153: WSCV015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	2.3	5.3	Operation Not Recommended					10117	0.992	6734	89	3.0
	3.8	4.1	9.5						10117	0.991	6734	89	3.0
	5.0	6.3	14.5						10117	0.991	6735	89	3.0
30	2.5	2.3	5.2	18188	11822	0.583	20177	31.2	11038	1.016	7571	90	3.2
	3.8	4.1	9.4	18451	11971	0.548	20322	33.6	11038	1.016	7572	90	3.2
	5.0	6.2	14.3	18713	12121	0.514	20467	36.4	11038	1.016	7572	90	3.2
40	2.5	2.2	5.1	18350	11937	0.635	20516	28.9	12955	1.064	9325	94	3.6
	3.8	4.0	9.1	18613	12086	0.600	20660	31.0	12954	1.064	9326	94	3.6
	5.0	6.0	13.9	18875	12236	0.566	20805	33.4	12954	1.063	9326	94	3.6
50	2.5	2.1	4.9	17921	11806	0.697	20301	25.7	14942	1.109	11157	98	3.9
	3.8	3.8	8.9	18184	11955	0.663	20446	27.4	14942	1.109	11157	98	3.9
	5.0	5.8	13.5	18446	12105	0.628	20590	29.4	14942	1.109	11158	98	3.9
60	2.5	2.1	4.8	17156	11509	0.772	19789	22.2	16956	1.152	13026	101	4.3
	3.8	3.8	8.7	17418	11658	0.737	19933	23.6	16956	1.152	13026	101	4.3
	5.0	5.7	13.2	17681	11807	0.703	20078	25.2	16956	1.151	13027	101	4.3
70	2.5	2.0	4.7	16241	11109	0.858	19169	18.9	18946	1.191	14883	105	4.7
	3.8	3.7	8.5	16503	11258	0.824	19314	20.0	18946	1.190	14884	105	4.7
	5.0	5.6	12.9	16766	11408	0.789	19458	21.2	18945	1.190	14884	105	4.7
80	2.5	2.0	4.6	15296	10654	0.957	18563	16.0	20850	1.225	16671	108	5.0
	3.8	3.6	8.3	15558	10804	0.923	18708	16.9	20850	1.225	16671	108	5.0
	5.0	5.5	12.6	15821	10953	0.888	18853	17.8	20850	1.225	16672	108	5.0
90	2.5	2.0	4.5	14374	10176	1.070	18026	13.4	22601	1.254	18323	112	5.3
	3.8	3.5	8.2	14636	10326	1.036	18171	14.1	22601	1.254	18323	112	5.3
	5.0	5.4	12.4	14899	10475	1.001	18316	14.9	22601	1.254	18324	112	5.3
100	2.5	1.9	4.5	13459	9691	1.197	17544	11.2	Operation Not Recommended				
	3.8	3.5	8.1	13722	9841	1.163	17689	11.8					
	5.0	5.3	12.3	13984	9990	1.128	17834	12.4					
110	2.5	1.9	4.4	12470	9198	1.339	17039	9.3					
	3.8	3.5	8.0	12732	9348	1.305	17184	9.8					
	5.0	5.3	12.1	12995	9497	1.270	17329	10.2					
120	2.5	1.9	4.4	11256	8681	1.496	16362	7.5					
	3.8	3.4	7.9	11518	8830	1.462	16507	7.9					
	5.0	5.2	12.0	11781	8980	1.428	16652	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 154: WSCV019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.2	5.2	Operation Not Recommended					12650	1.264	8336	89	2.9
	4.5	4.3	9.9						13423	1.285	9037	91	3.1
	6.0	6.8	15.7						14195	1.306	9738	92	3.2
30	3.0	2.2	5.1	22300	13839	0.697	24679	32.0	13609	1.299	9175	91	3.1
	4.5	4.2	9.8	22529	13946	0.673	24825	33.5	14382	1.320	9876	92	3.2
	6.0	6.7	15.5	22758	14053	0.648	24970	35.1	15154	1.341	10578	93	3.3
40	3.0	2.2	5.0	22465	14119	0.775	25109	29.0	15822	1.365	11165	94	3.4
	4.5	4.1	9.5	22694	14226	0.750	25255	30.2	16595	1.386	11866	95	3.5
	6.0	6.5	15.0	22924	14332	0.726	25401	31.6	17368	1.407	12567	97	3.6
50	3.0	2.1	4.8	21910	13864	0.871	24881	25.2	18159	1.424	13299	98	3.7
	4.5	4.0	9.2	22139	13971	0.846	25027	26.2	18932	1.445	14000	99	3.8
	6.0	6.3	14.6	22369	14078	0.822	25173	27.2	19704	1.466	14701	100	3.9
60	3.0	2.0	4.7	20991	13360	0.983	24346	21.3	20372	1.477	15331	101	4.0
	4.5	3.9	9.0	21220	13467	0.959	24492	22.1	21145	1.498	16032	102	4.1
	6.0	6.2	14.3	21450	13574	0.934	24637	23.0	21918	1.519	16734	104	4.2
70	3.0	2.0	4.6	19957	12802	1.111	23749	18.0	22304	1.524	17104	104	4.3
	4.5	3.8	8.8	20186	12909	1.087	23895	18.6	23076	1.545	17805	105	4.4
	6.0	6.1	14.0	20416	13016	1.062	24041	19.2	23849	1.566	18506	107	4.5
80	3.0	2.0	4.5	18952	12298	1.254	23230	15.1	23884	1.564	18547	107	4.5
	4.5	3.7	8.7	19181	12405	1.229	23376	15.6	24657	1.585	19248	108	4.6
	6.0	5.9	13.7	19411	12512	1.205	23522	16.1	25430	1.606	19949	109	4.6
90	3.0	1.9	4.5	18013	11869	1.409	22820	12.8	25133	1.598	19680	109	4.6
	4.5	3.7	8.5	18242	11976	1.384	22966	13.2	25905	1.619	20381	110	4.7
	6.0	5.8	13.5	18472	12083	1.360	23112	13.6	26678	1.640	21082	111	4.8
100	3.0	1.9	4.4	17070	11448	1.576	22447	10.8	Operation Not Recommended				
	4.5	3.6	8.4	17299	11555	1.551	22592	11.2					
	6.0	5.8	13.3	17528	11662	1.527	22738	11.5					
110	3.0	1.9	4.3	15946	10880	1.753	21928	9.1					
	4.5	3.6	8.3	16176	10987	1.729	22074	9.4					
	6.0	5.7	13.1	16405	11094	1.704	22219	9.6					
120	3.0	1.9	4.3	14360	9924	1.939	20977	7.4					
	4.5	3.6	8.2	14590	10031	1.915	21123	7.6					
	6.0	5.6	13.0	14819	10138	1.890	21269	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 155: WSCV024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	3.4	7.9	Operation Not Recommended					15692	1.394	10937	88	3.3
	6.0	6.5	15.0						16276	1.439	11365	89	3.3
	8.0	10.3	23.7						16859	1.484	11794	89	3.3
30	4.0	3.4	7.7	25041	16689	0.864	27989	29.0	16815	1.419	11972	89	3.5
	6.0	6.4	14.8	25335	16928	0.792	28039	32.0	17398	1.464	12401	90	3.5
	8.0	10.1	23.4	25629	17168	0.721	28088	35.6	17982	1.510	12830	91	3.5
40	4.0	3.3	7.5	26082	17361	0.934	29270	27.9	19598	1.474	14569	93	3.9
	6.0	6.2	14.4	26376	17600	0.863	29320	30.6	20181	1.519	14998	93	3.9
	8.0	9.8	22.7	26671	17840	0.791	29370	33.7	20765	1.564	15427	94	3.9
50	4.0	3.2	7.3	26100	17584	1.035	29633	25.2	22620	1.531	17395	96	4.3
	6.0	6.1	14.0	26394	17824	0.964	29682	27.4	23203	1.577	17824	97	4.3
	8.0	9.6	22.1	26688	18063	0.892	29732	29.9	23786	1.622	18253	97	4.3
60	4.0	3.1	7.1	25489	17446	1.162	29454	21.9	25450	1.589	20030	99	4.7
	6.0	5.9	13.6	25783	17686	1.090	29504	23.6	26034	1.634	20459	100	4.7
	8.0	9.4	21.6	26077	17926	1.019	29553	25.6	26617	1.679	20887	101	4.6
70	4.0	3.0	7.0	24547	17035	1.312	29024	18.7	27825	1.643	22219	102	5.0
	6.0	5.8	13.3	24841	17275	1.240	29073	20.0	28409	1.688	22648	103	4.9
	8.0	9.2	21.1	25135	17514	1.169	29123	21.5	28992	1.734	23077	103	4.9
80	4.0	3.0	6.9	23475	16438	1.485	28542	15.8	29646	1.692	23874	104	5.1
	6.0	5.7	13.1	23769	16678	1.413	28591	16.8	30230	1.737	24303	105	5.1
	8.0	9.0	20.7	24063	16917	1.342	28641	17.9	30813	1.782	24731	105	5.1
90	4.0	2.9	6.8	22378	15746	1.683	28120	13.3	30981	1.732	25071	106	5.2
	6.0	5.6	12.9	22672	15985	1.611	28170	14.1	31564	1.777	25499	106	5.2
	8.0	8.8	20.4	22966	16225	1.539	28219	14.9	32147	1.823	25928	107	5.2
100	4.0	2.9	6.7	21264	15049	1.911	27783	11.1	Operation Not Recommended				
	6.0	5.5	12.7	21558	15288	1.839	27833	11.7					
	8.0	8.7	20.1	21853	15528	1.767	27882	12.4					
110	4.0	2.9	6.6	20044	14438	2.175	27465	9.2					
	6.0	5.4	12.6	20338	14678	2.103	27515	9.7					
	8.0	8.6	19.9	20633	14917	2.031	27564	10.2					
120	4.0	2.8	6.5	18533	14007	2.485	27013	7.5					
	6.0	5.4	12.4	18827	14247	2.414	27062	7.8					
	8.0	8.5	19.7	19121	14486	2.342	27112	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 156: WSCV030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	4.9	11.2	Operation Not Recommended					17547	1.799	11407	86	2.9
	7.5	9.3	21.4						18447	1.820	12237	87	3.0
	10.0	14.7	33.9						19347	1.841	13066	88	3.1
30	5.0	4.8	11.1	29031	19191	1.210	33160	24.0	19059	1.827	12826	88	3.1
	7.5	9.1	21.1	29196	19282	1.177	33211	24.8	19959	1.847	13656	88	3.2
	10.0	14.5	33.4	29362	19372	1.143	33262	25.7	20859	1.868	14485	89	3.3
40	5.0	4.7	10.7	29579	19822	1.287	33970	23.0	22460	1.891	16007	91	3.5
	7.5	8.9	20.5	29745	19913	1.253	34022	23.7	23360	1.912	16837	92	3.6
	10.0	14.0	32.4	29910	20003	1.220	34073	24.5	24260	1.933	17666	92	3.7
50	5.0	4.5	10.4	29689	20187	1.377	34386	21.6	26165	1.966	19457	94	3.9
	7.5	8.6	19.9	29854	20278	1.343	34438	22.2	27065	1.987	20287	95	4.0
	10.0	13.7	31.5	30020	20368	1.310	34489	22.9	27965	2.007	21116	96	4.1
60	5.0	4.4	10.2	29436	20307	1.487	34510	19.8	29959	2.047	22973	98	4.3
	7.5	8.4	19.5	29602	20398	1.454	34561	20.4	30859	2.068	23803	98	4.4
	10.0	13.3	30.8	29767	20488	1.420	34613	21.0	31759	2.089	24632	99	4.5
70	5.0	4.3	10.0	28876	20204	1.625	34423	17.8	33652	2.131	26380	101	4.6
	7.5	8.3	19.0	29042	20295	1.592	34474	18.2	34552	2.152	27209	102	4.7
	10.0	13.1	30.1	29208	20385	1.558	34525	18.7	35452	2.173	28039	103	4.8
80	5.0	4.2	9.8	28044	19900	1.799	34184	15.6	37084	2.214	29529	104	4.9
	7.5	8.1	18.7	28210	19990	1.766	34235	16.0	37984	2.235	30358	105	5.0
	10.0	12.8	29.6	28376	20081	1.732	34287	16.4	38884	2.256	31187	106	5.1
90	5.0	4.2	9.6	26953	19415	2.016	33833	13.4	40120	2.293	32297	107	5.1
	7.5	8.0	18.4	27119	19506	1.983	33885	13.7	41020	2.313	33126	108	5.2
	10.0	12.6	29.1	27285	19596	1.949	33936	14.0	41920	2.334	33956	109	5.3
100	5.0	4.1	9.5	25596	18772	2.284	33389	11.2	Operation Not Recommended				
	7.5	7.9	18.1	25761	18863	2.250	33440	11.4					
	10.0	12.4	28.7	25927	18953	2.217	33491	11.7					
110	5.0	4.1	9.4	23943	17992	2.610	32848	9.2					
	7.5	7.8	17.9	24108	18083	2.576	32899	9.4					
	10.0	12.3	28.4	24274	18173	2.543	32950	9.5					
120	5.0	4.0	9.3	21944	17097	3.001	32186	7.3					
	7.5	7.7	17.8	22110	17188	2.968	32237	7.4					
	10.0	12.2	28.1	22276	17278	2.934	32288	7.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 157: WSCV036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	3.1	7.1	Operation Not Recommended					23269	2.340	15283	88	2.9
	9.0	6.0	13.7						25024	2.360	16970	89	3.1
	12.0	9.5	21.9						26779	2.380	18657	91	3.3
30	6.0	3.0	7.0	34841	23584	1.499	39957	23.2	25147	2.378	17032	89	3.1
	9.0	5.9	13.5	35554	23902	1.444	40483	24.6	26902	2.398	18719	91	3.3
	12.0	9.3	21.5	36268	24221	1.389	41009	26.1	28658	2.418	20406	92	3.5
40	6.0	3.0	6.8	37540	25126	1.594	42979	23.5	29684	2.460	21291	93	3.5
	9.0	5.7	13.1	38254	25445	1.539	43506	24.9	31440	2.480	22978	94	3.7
	12.0	9.1	20.9	38967	25763	1.484	44032	26.3	33195	2.500	24665	95	3.9
50	6.0	2.9	6.6	38342	25887	1.717	44200	22.3	34537	2.545	25853	97	4.0
	9.0	5.5	12.8	39056	26206	1.662	44726	23.5	36293	2.565	27540	98	4.1
	12.0	8.8	20.4	39770	26524	1.607	45252	24.8	38048	2.585	29227	99	4.3
60	6.0	2.8	6.5	37950	26066	1.870	44331	20.3	39052	2.631	30074	100	4.3
	9.0	5.4	12.5	38663	26384	1.815	44857	21.3	40807	2.651	31761	101	4.5
	12.0	8.6	19.9	39377	26702	1.760	45383	22.4	42562	2.671	33448	103	4.7
70	6.0	2.7	6.3	36890	25828	2.057	43911	17.9	42824	2.714	33562	103	4.6
	9.0	5.3	12.2	37604	26146	2.002	44437	18.8	44579	2.734	35249	104	4.8
	12.0	8.4	19.4	38318	26464	1.947	44963	19.7	46334	2.754	36936	106	4.9
80	6.0	2.7	6.2	35519	25306	2.282	43306	15.6	45697	2.791	36173	105	4.8
	9.0	5.2	12.0	36233	25624	2.227	43832	16.3	47453	2.811	37860	106	4.9
	12.0	8.3	19.1	36946	25943	2.172	44358	17.0	49208	2.831	39547	108	5.1
90	6.0	2.7	6.1	34015	24601	2.547	42706	13.4	47766	2.858	38013	107	4.9
	9.0	5.1	11.8	34729	24919	2.492	43232	13.9	49522	2.878	39700	108	5.0
	12.0	8.1	18.8	35442	25238	2.437	43758	14.5	51277	2.898	41388	109	5.2
100	6.0	2.6	6.0	32385	23780	2.855	42128	11.3	Operation Not Recommended				
	9.0	5.0	11.6	33099	24099	2.800	42654	11.8					
	12.0	8.0	18.5	33813	24417	2.745	43180	12.3					
110	6.0	2.6	6.0	30462	22878	3.210	41416	9.5					
	9.0	5.0	11.5	31176	23197	3.155	41942	9.9					
	12.0	7.9	18.3	31890	23515	3.100	42468	10.3					
120	6.0	2.6	5.9	27904	21897	3.615	40238	7.7					
	9.0	4.9	11.4	28617	22215	3.560	40764	8.0					
	12.0	7.9	18.1	29331	22533	3.505	41290	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 158: WSCV042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					26949	2.648	17912	88	3.0
	10.5	7.6	17.5						28319	2.675	19192	89	3.1
	14.0	12.2	28.1						29689	2.701	20471	90	3.2
30	7.0	3.8	8.8	37000	25440	1.900	43484	19.5	28982	2.678	19845	89	3.2
	10.5	7.5	17.2	37347	25584	1.843	43637	20.3	30351	2.704	21124	90	3.3
	14.0	12.0	27.7	37694	25728	1.786	43790	21.1	31721	2.731	22404	91	3.4
40	7.0	3.7	8.6	39075	27218	1.994	45878	19.6	33515	2.751	24128	92	3.6
	10.5	7.3	16.7	39422	27362	1.937	46031	20.4	34884	2.778	25407	93	3.7
	14.0	11.7	26.9	39769	27506	1.880	46184	21.2	36254	2.804	26686	94	3.8
50	7.0	3.6	8.3	40492	28711	2.108	47685	19.2	38439	2.840	28748	95	4.0
	10.5	7.1	16.3	40839	28854	2.051	47838	19.9	39809	2.867	30027	96	4.1
	14.0	11.4	26.2	41186	28998	1.994	47991	20.7	41178	2.893	31307	97	4.2
60	7.0	3.5	8.1	41093	29659	2.251	48775	18.3	43487	2.940	33457	99	4.3
	10.5	6.9	15.9	41440	29803	2.194	48928	18.9	44857	2.966	34736	100	4.4
	14.0	11.1	25.6	41787	29947	2.137	49081	19.5	46227	2.993	36015	100	4.5
70	7.0	3.5	8.0	40818	29932	2.432	49115	16.8	48407	3.045	38019	102	4.7
	10.5	6.7	15.6	41165	30076	2.375	49268	17.3	49777	3.071	39298	103	4.8
	14.0	10.8	25.0	41512	30220	2.318	49421	17.9	51147	3.098	40577	104	4.8
80	7.0	3.4	7.8	39701	29525	2.657	48767	14.9	52961	3.150	42214	105	4.9
	10.5	6.6	15.3	40048	29669	2.600	48920	15.4	54330	3.176	43493	106	5.0
	14.0	10.6	24.6	40396	29813	2.543	49073	15.9	55700	3.203	44773	107	5.1
90	7.0	3.3	7.7	37876	28559	2.935	47891	12.9	56924	3.249	45837	107	5.1
	10.5	6.5	15.0	38223	28703	2.878	48044	13.3	58294	3.276	47116	108	5.2
	14.0	10.5	24.2	38570	28847	2.821	48197	13.7	59663	3.302	48396	109	5.3
100	7.0	3.3	7.6	35570	27286	3.274	46743	10.9	Operation Not Recommended				
	10.5	6.4	14.8	35917	27430	3.217	46895	11.2					
	14.0	10.3	23.8	36264	27574	3.160	47048	11.5					
110	7.0	3.2	7.5	33108	26081	3.683	45674	9.0					
	10.5	6.3	14.6	33455	26225	3.626	45827	9.2					
	14.0	10.2	23.6	33803	26369	3.569	45980	9.5					
120	7.0	3.2	7.4	30912	25449	4.168	45134	7.4					
	10.5	6.3	14.5	31259	25593	4.111	45287	7.6					
	14.0	10.1	23.3	31607	25737	4.054	45439	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 159: WSCV048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.8	6.3	Operation Not Recommended					32235	3.138	21528	89	3.0
	12.0	6.1	14.0						34245	3.188	23366	90	3.1
	16.0	10.7	24.6						36255	3.239	25204	91	3.3
30	8.0	2.7	6.2	48797	32259	2.222	56379	22.0	35010	3.202	24085	90	3.2
	12.0	6.0	13.8	49388	32544	2.123	56631	23.3	37020	3.252	25923	91	3.3
	16.0	10.5	24.2	49979	32829	2.023	56883	24.7	39030	3.303	27761	92	3.5
40	8.0	2.6	6.1	49813	32362	2.361	57869	21.1	41183	3.335	29803	94	3.6
	12.0	5.8	13.4	50404	32647	2.261	58121	22.3	43193	3.386	31640	95	3.7
	16.0	10.2	23.5	50996	32932	2.162	58373	23.6	45203	3.436	33478	96	3.9
50	8.0	2.6	5.9	50330	32899	2.521	58931	20.0	47604	3.473	35753	97	4.0
	12.0	5.7	13.1	50921	33184	2.421	59183	21.0	49614	3.524	37591	99	4.1
	16.0	9.9	22.9	51512	33469	2.322	59435	22.2	51624	3.574	39429	100	4.2
60	8.0	2.5	5.8	50222	33397	2.712	59474	18.5	53722	3.611	41402	101	4.4
	12.0	5.5	12.7	50813	33682	2.612	59726	19.5	55732	3.661	43240	102	4.5
	16.0	9.7	22.4	51404	33967	2.513	59978	20.5	57742	3.712	45078	103	4.6
70	8.0	2.4	5.6	49435	33542	2.943	59479	16.8	59159	3.744	46384	104	4.6
	12.0	5.4	12.5	50027	33827	2.844	59731	17.6	61169	3.794	48222	105	4.7
	16.0	9.5	21.9	50618	34113	2.744	59982	18.4	63179	3.845	50060	106	4.8
80	8.0	2.4	5.5	47988	33181	3.226	58996	14.9	63705	3.868	50507	107	4.8
	12.0	5.3	12.2	48579	33466	3.126	59247	15.5	65716	3.919	52344	108	4.9
	16.0	9.3	21.5	49171	33751	3.027	59499	16.2	67726	3.969	54182	109	5.0
90	8.0	2.4	5.4	45969	32316	3.569	58147	12.9	67323	3.979	53745	109	5.0
	12.0	5.2	12.0	46561	32601	3.470	58399	13.4	69334	4.030	55583	110	5.0
	16.0	9.2	21.1	47152	32886	3.370	58651	14.0	71344	4.080	57421	111	5.1
100	8.0	2.3	5.4	43539	31112	3.982	57128	10.9	Operation Not Recommended				
	12.0	5.1	11.9	44131	31397	3.883	57380	11.4					
	16.0	9.0	20.8	44722	31682	3.783	57631	11.8					
110	8.0	2.3	5.3	40929	29890	4.476	56202	9.1					
	12.0	5.1	11.7	41521	30175	4.377	56454	9.5					
	16.0	8.9	20.6	42112	30460	4.277	56706	9.8					
120	8.0	2.3	5.3	38442	29131	5.060	55707	7.6					
	12.0	5.0	11.6	39034	29416	4.960	55959	7.9					
	16.0	8.9	20.4	39625	29701	4.861	56211	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 160: WSCV060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.1	Operation Not Recommended					41479	4.214	27101	89	2.9
	15.0	5.8	13.3						43770	4.283	29156	90	3.0
	20.0	10.1	23.3						46062	4.352	31211	91	3.1
30	10.0	2.6	6.0	63362	41913	2.732	72682	23.2	45038	4.295	30384	91	3.1
	15.0	5.7	13.1	64207	42352	2.597	73068	24.7	47330	4.364	32438	92	3.2
	20.0	9.9	22.9	65053	42792	2.462	73453	26.4	49621	4.433	34493	93	3.3
40	10.0	2.5	5.8	69044	46024	2.902	78945	23.8	52150	4.470	36897	94	3.4
	15.0	5.5	12.7	69890	46463	2.767	79331	25.3	54441	4.540	38952	95	3.5
	20.0	9.7	22.3	70735	46903	2.632	79716	26.9	56733	4.609	41007	96	3.6
50	10.0	2.4	5.6	69860	46999	3.145	80591	22.2	59205	4.659	43307	97	3.7
	15.0	5.4	12.4	70705	47438	3.010	80976	23.5	61497	4.729	45362	98	3.8
	20.0	9.4	21.7	71551	47878	2.875	81362	24.9	63788	4.798	47417	99	3.9
60	10.0	2.4	5.5	68016	46255	3.442	79761	19.8	66147	4.857	49573	100	4.0
	15.0	5.2	12.1	68862	46694	3.307	80147	20.8	68438	4.926	51628	102	4.1
	20.0	9.2	21.2	69707	47133	3.173	80532	22.0	70730	4.996	53683	103	4.1
70	10.0	2.3	5.4	65131	44834	3.784	78042	17.2	72917	5.059	55656	104	4.2
	15.0	5.1	11.8	65977	45273	3.649	78427	18.1	75209	5.128	57711	105	4.3
	20.0	9.0	20.7	66822	45712	3.514	78813	19.0	77500	5.197	59766	106	4.4
80	10.0	2.3	5.3	62232	43407	4.169	76458	14.9	79459	5.259	61513	107	4.4
	15.0	5.0	11.6	63078	43847	4.035	76844	15.6	81751	5.329	63568	108	4.5
	20.0	8.8	20.3	63923	44286	3.900	77229	16.4	84042	5.398	65623	109	4.6
90	10.0	2.3	5.2	59755	42271	4.608	75478	13.0	85716	5.454	67106	109	4.6
	15.0	5.0	11.4	60601	42710	4.473	75864	13.5	88008	5.524	69160	111	4.7
	20.0	8.7	20.0	61446	43149	4.338	76249	14.2	90299	5.593	71215	112	4.7
100	10.0	2.2	5.1	57548	41349	5.118	75010	11.2	Operation Not Recommended				
	15.0	4.9	11.3	58394	41788	4.983	75396	11.7					
	20.0	8.5	19.7	59239	42227	4.848	75781	12.2					
110	10.0	2.2	5.1	54867	40190	5.726	74405	9.6					
	15.0	4.8	11.1	55712	40629	5.591	74790	10.0					
	20.0	8.5	19.5	56558	41069	5.456	75176	10.4					
120	10.0	2.2	5.0	50377	37973	6.470	72454	7.8					
	15.0	4.8	11.0	51222	38412	6.335	72839	8.1					
	20.0	8.4	19.3	52068	38851	6.200	73224	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 161: WSCV070 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	3.7	8.5	Operation Not Recommended					45389	4.553	29852	88	2.9
	18.0	7.9	18.3						50565	4.749	34360	90	3.1
	24.0	13.7	31.5						55741	4.945	38867	92	3.3
30	12.0	3.6	8.3	72350	47200	3.086	82880	23.4	51166	4.698	35137	90	3.2
	18.0	7.8	18.0	73493	47733	2.898	83381	25.4	56342	4.894	39645	93	3.4
	24.0	13.4	31.0	74635	48265	2.710	83882	27.5	61518	5.090	44152	95	3.5
40	12.0	3.5	8.1	73693	48985	3.274	84865	22.5	61031	5.010	43935	94	3.6
	18.0	7.6	17.5	74836	49517	3.086	85366	24.3	66207	5.206	48442	97	3.7
	24.0	13.1	30.1	75979	50050	2.898	85867	26.2	71383	5.402	52949	99	3.9
50	12.0	3.4	7.9	73974	49693	3.538	86048	20.9	69556	5.332	51361	98	3.8
	18.0	7.4	17.0	75117	50226	3.350	86549	22.4	74732	5.528	55868	100	4.0
	24.0	12.7	29.3	76259	50758	3.162	87050	24.1	79908	5.724	60375	102	4.1
60	12.0	3.3	7.7	73118	49535	3.864	86303	18.9	77573	5.643	58319	101	4.0
	18.0	7.2	16.6	74261	50067	3.676	86804	20.2	82749	5.839	62826	103	4.2
	24.0	12.4	28.6	75403	50600	3.488	87305	21.6	87925	6.035	67334	105	4.3
70	12.0	3.3	7.5	71175	48716	4.242	85651	16.8	85618	5.930	65385	104	4.2
	18.0	7.0	16.2	72318	49248	4.054	86152	17.8	90794	6.126	69892	106	4.3
	24.0	12.1	28.0	73461	49781	3.866	86653	19.0	95970	6.322	74400	108	4.4
80	12.0	3.2	7.4	68320	47440	4.673	84263	14.6	93926	6.190	72805	108	4.4
	18.0	6.9	15.9	69463	47972	4.484	84764	15.5	99102	6.386	77312	110	4.5
	24.0	11.9	27.5	70605	48505	4.296	85265	16.4	104278	6.582	81819	112	4.6
90	12.0	3.2	7.3	64850	45908	5.160	82455	12.6	102436	6.430	80497	111	4.7
	18.0	6.8	15.7	65993	46440	4.972	82956	13.3	107612	6.626	85004	113	4.8
	24.0	11.7	27.0	67135	46973	4.784	83457	14.0	112788	6.822	89511	115	4.8
100	12.0	3.1	7.2	61188	44318	5.716	80693	10.7	Operation Not Recommended				
	18.0	6.7	15.5	62330	44850	5.528	81194	11.3					
	24.0	11.6	26.7	63473	45383	5.340	81695	11.9					
110	12.0	3.1	7.1	57879	42864	6.362	79588	9.1					
	18.0	6.6	15.3	59022	43397	6.174	80089	9.6					
	24.0	11.4	26.4	60165	43929	5.986	80590	10.1					
120	12.0	3.0	7.0	55596	41739	7.123	79902	7.8					
	18.0	6.6	15.1	56738	42272	6.935	80403	8.2					
	24.0	11.3	26.1	57881	42804	6.747	80904	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 162: WSMV007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	0.5	1.1	Operation Not Recommended					4448	0.507	2717	86	2.6
	1.8	0.9	2.2						4747	0.509	3011	87	2.7
	2.3	1.5	3.5						5045	0.510	3305	89	2.9
30	1.2	0.5	1.1	8599	5555	0.376	9880	22.9	4981	0.516	3222	88	2.8
	1.8	0.9	2.1	8685	5605	0.352	9886	24.7	5279	0.517	3516	89	3.0
	2.3	1.5	3.4	8771	5655	0.329	9892	26.7	5578	0.518	3810	91	3.2
40	1.2	0.5	1.1	8544	5622	0.351	9743	24.3	6044	0.529	4238	92	3.3
	1.8	0.9	2.1	8629	5672	0.328	9749	26.3	6343	0.531	4532	93	3.5
	2.3	1.4	3.3	8715	5722	0.305	9755	28.6	6641	0.532	4825	94	3.7
50	1.2	0.5	1.0	8402	5609	0.364	9643	23.1	7091	0.540	5248	96	3.8
	1.8	0.9	2.0	8487	5659	0.340	9649	24.9	7389	0.542	5541	97	4.0
	2.3	1.4	3.2	8573	5709	0.317	9655	27.0	7688	0.543	5835	98	4.2
60	1.2	0.4	1.0	8166	5528	0.399	9528	20.5	8104	0.548	6234	100	4.3
	1.8	0.9	2.0	8252	5578	0.375	9534	22.0	8403	0.549	6528	101	4.5
	2.3	1.4	3.1	8338	5628	0.352	9539	23.7	8701	0.551	6822	102	4.6
70	1.2	0.4	1.0	7832	5386	0.447	9356	17.5	9068	0.553	7180	103	4.8
	1.8	0.8	1.9	7917	5436	0.423	9362	18.7	9367	0.555	7474	104	4.9
	2.3	1.3	3.1	8003	5486	0.400	9368	20.0	9665	0.556	7768	106	5.1
80	1.2	0.4	1.0	7390	5193	0.500	9098	14.8	9966	0.556	8068	107	5.3
	1.8	0.8	1.9	7476	5243	0.477	9104	15.7	10264	0.557	8362	108	5.4
	2.3	1.3	3.0	7562	5293	0.454	9110	16.7	10563	0.559	8656	109	5.5
90	1.2	0.4	1.0	6836	4959	0.557	8735	12.3	10781	0.557	8881	110	5.7
	1.8	0.8	1.9	6922	5009	0.533	8741	13.0	11080	0.558	9175	111	5.8
	2.3	1.3	3.0	7008	5059	0.510	8747	13.7	11378	0.559	9469	112	6.0
100	1.2	0.4	1.0	6163	4693	0.615	8262	10.0	Operation Not Recommended				
	1.8	0.8	1.8	6249	4743	0.592	8268	10.6					
	2.3	1.3	2.9	6334	4793	0.568	8274	11.1					
110	1.2	0.4	0.9	5364	4405	0.680	7683	7.9					
	1.8	0.8	1.8	5449	4455	0.656	7689	8.3					
	2.3	1.3	2.9	5535	4505	0.633	7695	8.7					
120	1.2	0.4	0.9	4432	4104	0.757	7015	5.9					
	1.8	0.8	1.8	4517	4154	0.734	7021	6.2					
	2.3	1.2	2.9	4603	4204	0.710	7027	6.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 163: WSMV009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	0.8	1.9	Operation Not Recommended					6863	0.750	4305	91	2.7
	2.3	1.6	3.7						7317	0.762	4716	92	2.8
	3.0	2.5	5.8						7771	0.775	5128	94	2.9
30	1.5	0.8	1.9	12440	7986	0.505	14162	24.6	7530	0.766	4917	93	2.9
	2.3	1.6	3.6	12600	8048	0.471	14207	26.7	7984	0.778	5328	95	3.0
	3.0	2.5	5.7	12760	8109	0.438	14253	29.2	8438	0.791	5740	96	3.1
40	1.5	0.8	1.9	12246	7883	0.544	14102	22.5	8900	0.798	6177	97	3.3
	2.3	1.5	3.5	12406	7945	0.510	14148	24.3	9354	0.811	6588	99	3.4
	3.0	2.4	5.6	12566	8007	0.477	14193	26.4	9808	0.823	7000	100	3.5
50	1.5	0.8	1.8	11930	7723	0.585	13926	20.4	10290	0.830	7458	102	3.6
	2.3	1.5	3.4	12090	7784	0.551	13972	21.9	10744	0.842	7869	103	3.7
	3.0	2.3	5.4	12250	7846	0.518	14017	23.7	11198	0.855	8281	104	3.8
60	1.5	0.8	1.8	11501	7506	0.634	13664	18.1	11664	0.861	8727	106	4.0
	2.3	1.5	3.4	11661	7567	0.600	13710	19.4	12118	0.873	9139	107	4.1
	3.0	2.3	5.3	11821	7629	0.567	13755	20.9	12572	0.886	9550	109	4.2
70	1.5	0.8	1.7	10972	7238	0.695	13343	15.8	12988	0.890	9952	110	4.3
	2.3	1.4	3.3	11132	7299	0.661	13388	16.8	13442	0.902	10364	111	4.4
	3.0	2.2	5.2	11292	7361	0.627	13433	18.0	13896	0.914	10775	113	4.5
80	1.5	0.7	1.7	10357	6926	0.770	12983	13.5	14227	0.916	11101	114	4.6
	2.3	1.4	3.2	10517	6988	0.736	13028	14.3	14680	0.929	11512	115	4.6
	3.0	2.2	5.1	10677	7049	0.702	13073	15.2	15134	0.941	11924	116	4.7
90	1.5	0.7	1.7	9673	6581	0.859	12603	11.3	15345	0.939	12139	117	4.8
	2.3	1.4	3.2	9833	6642	0.825	12649	11.9	15799	0.952	12551	118	4.9
	3.0	2.2	5.0	9993	6704	0.791	12694	12.6	16253	0.964	12963	120	4.9
100	1.5	0.7	1.6	8941	6215	0.961	12218	9.3	Operation Not Recommended				
	2.3	1.4	3.1	9101	6276	0.927	12264	9.8					
	3.0	2.1	4.9	9261	6338	0.893	12309	10.4					
110	1.5	0.7	1.6	8182	5843	1.072	11838	7.6					
	2.3	1.3	3.1	8342	5905	1.038	11884	8.0					
	3.0	2.1	4.9	8502	5966	1.004	11929	8.5					
120	1.5	0.7	1.6	7422	5485	1.186	11469	6.3					
	2.3	1.3	3.1	7582	5546	1.153	11515	6.6					
	3.0	2.1	4.8	7741	5608	1.119	11560	6.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 164: WSMV012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	1.2	2.8	Operation Not Recommended					9176	0.948	5940	91	2.8
	3.0	2.3	5.3						9860	0.973	6539	93	3.0
	4.0	3.6	8.3						10544	0.998	7137	94	3.1
30	2.0	1.2	2.8	16194	10084	0.608	18269	26.6	9863	0.979	6524	93	3.0
	3.0	2.3	5.2	16398	10193	0.568	18335	28.9	10547	1.004	7122	94	3.1
	4.0	3.6	8.2	16602	10303	0.527	18402	31.5	11231	1.029	7721	96	3.2
40	2.0	1.2	2.7	15881	9930	0.675	18186	23.5	11462	1.035	7931	96	3.2
	3.0	2.2	5.1	16085	10039	0.635	18253	25.3	12146	1.060	8529	98	3.4
	4.0	3.4	8.0	16289	10149	0.595	18319	27.4	12829	1.085	9127	100	3.5
50	2.0	1.1	2.6	15472	9719	0.753	18043	20.5	13274	1.086	9569	101	3.6
	3.0	2.1	4.9	15676	9829	0.713	18110	22.0	13957	1.111	10168	102	3.7
	4.0	3.4	7.7	15880	9938	0.673	18176	23.6	14641	1.136	10766	104	3.8
60	2.0	1.1	2.5	14958	9470	0.831	17794	18.0	15196	1.132	11334	105	3.9
	3.0	2.1	4.8	15162	9580	0.791	17861	19.2	15879	1.157	11932	107	4.0
	4.0	3.3	7.6	15366	9689	0.751	17928	20.5	16563	1.182	12530	108	4.1
70	2.0	1.1	2.5	14337	9193	0.905	17423	15.8	17125	1.174	13118	109	4.3
	3.0	2.0	4.7	14541	9303	0.864	17490	16.8	17808	1.199	13716	111	4.4
	4.0	3.2	7.4	14745	9412	0.824	17557	17.9	18492	1.224	14315	113	4.4
80	2.0	1.1	2.4	13614	8888	0.975	16941	14.0	18958	1.214	14817	114	4.6
	3.0	2.0	4.6	13818	8998	0.935	17008	14.8	19641	1.239	15415	115	4.6
	4.0	3.1	7.3	14022	9107	0.895	17075	15.7	20325	1.264	16013	117	4.7
90	2.0	1.0	2.4	12801	8546	1.051	16387	12.2	20592	1.251	16324	117	4.8
	3.0	2.0	4.5	13005	8656	1.010	16453	12.9	21276	1.276	16922	119	4.9
	4.0	3.1	7.1	13209	8765	0.970	16520	13.6	21959	1.301	17521	121	4.9
100	2.0	1.0	2.4	11920	8148	1.145	15827	10.4	Operation Not Recommended				
	3.0	1.9	4.5	12124	8258	1.105	15893	11.0					
	4.0	3.1	7.0	12328	8367	1.064	15960	11.6					
110	2.0	1.0	2.3	10998	7667	1.277	15356	8.6					
	3.0	1.9	4.4	11202	7776	1.237	15423	9.1					
	4.0	3.0	7.0	11406	7886	1.197	15490	9.5					
120	2.0	1.0	2.3	10069	7064	1.474	15099	6.8					
	3.0	1.9	4.4	10273	7173	1.434	15165	7.2					
	4.0	3.0	6.9	10477	7283	1.394	15232	7.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 165: WSMV015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	1.6	3.7	Operation Not Recommended					9537	0.945	6313	88	3.0
	3.8	3.1	7.1						10187	0.956	6925	89	3.1
	5.0	4.9	11.2						10836	0.967	7536	90	3.3
30	2.5	1.6	3.7	18454	11961	0.526	20251	35.1	10473	0.968	7171	89	3.2
	3.8	3.0	7.0	18664	12062	0.498	20363	37.5	11122	0.979	7783	90	3.3
	5.0	4.8	11.1	18874	12163	0.469	20476	40.2	11772	0.990	8394	92	3.5
40	2.5	1.5	3.6	18419	12110	0.585	20416	31.5	12400	1.008	8959	93	3.6
	3.8	2.9	6.8	18629	12212	0.557	20528	33.5	13050	1.020	9571	94	3.8
	5.0	4.7	10.7	18839	12313	0.528	20640	35.7	13699	1.031	10182	95	3.9
50	2.5	1.5	3.5	18015	11919	0.657	20257	27.4	14209	1.043	10650	96	4.0
	3.8	2.9	6.6	18225	12020	0.629	20370	29.0	14858	1.054	11261	97	4.1
	5.0	4.5	10.4	18435	12122	0.600	20482	30.7	15508	1.066	11872	99	4.3
60	2.5	1.5	3.4	17352	11541	0.742	19885	23.4	15743	1.072	12084	99	4.3
	3.8	2.8	6.4	17562	11642	0.714	19997	24.6	16393	1.083	12696	100	4.4
	5.0	4.4	10.2	17772	11743	0.685	20109	25.9	17042	1.095	13307	101	4.6
70	2.5	1.4	3.3	16516	11085	0.841	19385	19.6	16931	1.096	13191	101	4.5
	3.8	2.7	6.3	16725	11186	0.812	19498	20.6	17581	1.107	13802	102	4.7
	5.0	4.3	10.0	16935	11288	0.784	19610	21.6	18230	1.118	14414	104	4.8
80	2.5	1.4	3.2	15573	10619	0.954	18827	16.3	17786	1.115	13981	103	4.7
	3.8	2.7	6.2	15783	10720	0.925	18939	17.1	18435	1.126	14593	104	4.8
	5.0	4.2	9.8	15993	10821	0.896	19052	17.8	19085	1.137	15204	105	4.9
90	2.5	1.4	3.2	14571	10166	1.080	18257	13.5	18405	1.129	14551	104	4.8
	3.8	2.6	6.1	14781	10267	1.052	18369	14.1	19054	1.140	15163	105	4.9
	5.0	4.2	9.6	14991	10369	1.023	18481	14.7	19704	1.152	15774	106	5.0
100	2.5	1.4	3.1	13535	9708	1.221	17701	11.1	Operation Not Recommended				
	3.8	2.6	6.0	13745	9809	1.192	17814	11.5					
	5.0	4.1	9.5	13955	9910	1.164	17926	12.0					
110	2.5	1.3	3.1	12470	9180	1.377	17167	9.1					
	3.8	2.6	5.9	12680	9281	1.348	17279	9.4					
	5.0	4.1	9.4	12890	9383	1.319	17392	9.8					
120	2.5	1.3	3.1	11361	8479	1.547	16640	7.3					
	3.8	2.6	5.9	11571	8580	1.519	16752	7.6					
	5.0	4.0	9.3	11781	8681	1.490	16864	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 166: WSMV019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	2.0	4.6	Operation Not Recommended					12647	1.224	8470	89	3.0
	4.5	4.0	9.2						13764	1.254	9484	91	3.2
	6.0	6.5	14.9						14880	1.284	10498	93	3.4
30	3.0	2.0	4.6	23124	14930	0.663	25386	34.9	13799	1.253	9522	91	3.2
	4.5	3.9	9.0	23362	15044	0.629	25510	37.1	14915	1.283	10536	93	3.4
	6.0	6.3	14.6	23600	15157	0.596	25633	39.6	16032	1.313	11550	95	3.6
40	3.0	1.9	4.4	23765	15439	0.717	26211	33.1	16217	1.313	11738	95	3.6
	4.5	3.8	8.8	24003	15552	0.683	26335	35.1	17333	1.343	12752	97	3.8
	6.0	6.2	14.2	24241	15666	0.650	26458	37.3	18450	1.373	13766	98	3.9
50	3.0	1.9	4.3	23328	15277	0.801	26061	29.1	18736	1.372	14054	99	4.0
	4.5	3.7	8.5	23566	15391	0.768	26185	30.7	19853	1.402	15068	100	4.1
	6.0	6.0	13.8	23804	15504	0.734	26309	32.4	20969	1.432	16082	102	4.3
60	3.0	1.8	4.2	22327	14766	0.911	25435	24.5	21285	1.430	16407	103	4.4
	4.5	3.6	8.3	22564	14880	0.878	25559	25.7	22402	1.460	17421	104	4.5
	6.0	5.9	13.5	22802	14993	0.844	25683	27.0	23518	1.490	18435	106	4.6
70	3.0	1.8	4.1	21133	14142	1.043	24690	20.3	23786	1.483	18725	106	4.7
	4.5	3.5	8.1	21371	14256	1.009	24814	21.2	24902	1.513	19739	108	4.8
	6.0	5.7	13.2	21609	14369	0.976	24938	22.2	26019	1.543	20753	110	4.9
80	3.0	1.7	4.0	19978	13553	1.191	24042	16.8	26152	1.531	20929	110	5.0
	4.5	3.5	8.0	20216	13667	1.158	24166	17.5	27268	1.561	21943	112	5.1
	6.0	5.6	13.0	20454	13780	1.124	24289	18.2	28385	1.591	22957	114	5.2
90	3.0	1.7	4.0	18950	13061	1.353	23565	14.0	28289	1.570	22931	113	5.3
	4.5	3.4	7.9	19188	13175	1.319	23689	14.5	29406	1.600	23945	115	5.4
	6.0	5.5	12.8	19426	13288	1.286	23812	15.1	30522	1.630	24959	117	5.5
100	3.0	1.7	3.9	17998	12642	1.522	23192	11.8	Operation Not Recommended				
	4.5	3.4	7.8	18236	12755	1.489	23316	12.2					
	6.0	5.5	12.6	18474	12869	1.455	23439	12.7					
110	3.0	1.7	3.9	16927	12183	1.696	22715	10.0					
	4.5	3.3	7.7	17165	12297	1.663	22838	10.3					
	6.0	5.4	12.5	17403	12410	1.629	22962	10.7					
120	3.0	1.7	3.8	15404	11488	1.870	21783	8.2					
	4.5	3.3	7.6	15642	11602	1.836	21907	8.5					
	6.0	5.3	12.3	15879	11715	1.803	22031	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 167: WSMV024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.3	5.2	Operation Not Recommended					16261	1.372	11581	89	3.5
	6.0	4.3	10.0						17310	1.383	12591	90	3.7
	8.0	6.9	16.0						18359	1.395	13600	91	3.9
30	4.0	2.2	5.1	26478	19476	1.013	29933	26.2	17693	1.380	12983	90	3.8
	6.0	4.3	9.9	26792	19627	0.971	30103	27.6	18742	1.392	13993	92	3.9
	8.0	6.8	15.7	27106	19778	0.929	30274	29.2	19791	1.403	15002	93	4.1
40	4.0	2.2	5.0	27241	19267	1.045	30808	26.1	20584	1.410	15773	94	4.3
	6.0	4.2	9.6	27555	19418	1.003	30979	27.5	21632	1.421	16783	95	4.5
	8.0	6.6	15.3	27869	19569	0.961	31149	29.0	22681	1.433	17792	96	4.6
50	4.0	2.1	4.8	27190	19058	1.103	30954	24.7	23511	1.451	18558	97	4.7
	6.0	4.0	9.3	27504	19208	1.061	31125	25.9	24560	1.463	19568	98	4.9
	8.0	6.5	14.9	27818	19359	1.019	31295	27.3	25608	1.474	20577	99	5.1
60	4.0	2.0	4.7	26626	18794	1.186	30673	22.4	26434	1.501	21312	100	5.2
	6.0	3.9	9.1	26940	18945	1.144	30844	23.5	27482	1.512	22322	102	5.3
	8.0	6.3	14.5	27254	19096	1.102	31015	24.7	28531	1.524	23331	103	5.5
70	4.0	2.0	4.6	25774	18446	1.296	30197	19.9	29261	1.554	23958	104	5.5
	6.0	3.9	8.9	26088	18597	1.254	30368	20.8	30309	1.566	24967	105	5.7
	8.0	6.2	14.2	26402	18748	1.212	30539	21.8	31358	1.577	25977	106	5.8
80	4.0	2.0	4.5	24784	18002	1.436	29685	17.3	31850	1.606	26369	107	5.8
	6.0	3.8	8.7	25098	18153	1.394	29856	18.0	32899	1.618	27379	108	6.0
	8.0	6.0	14.0	25412	18304	1.352	30027	18.8	33948	1.629	28388	109	6.1
90	4.0	1.9	4.5	23728	17470	1.611	29224	14.7	34011	1.653	28369	109	6.0
	6.0	3.7	8.6	24042	17621	1.569	29395	15.3	35060	1.665	29379	110	6.2
	8.0	6.0	13.7	24356	17772	1.527	29566	16.0	36109	1.676	30389	112	6.3
100	4.0	1.9	4.4	22604	16882	1.825	28831	12.4	Operation Not Recommended				
	6.0	3.7	8.5	22918	17033	1.783	29002	12.9					
	8.0	5.9	13.5	23232	17184	1.741	29173	13.3					
110	4.0	1.9	4.3	21332	16287	2.086	28451	10.2					
	6.0	3.6	8.4	21646	16438	2.044	28622	10.6					
	8.0	5.8	13.4	21960	16589	2.002	28792	11.0					
120	4.0	1.9	4.3	19757	15756	2.403	27956	8.2					
	6.0	3.6	8.3	20071	15907	2.361	28127	8.5					
	8.0	5.7	13.3	20385	16058	2.319	28297	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 168: WSMV030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.2	7.3	Operation Not Recommended					18531	1.803	12378	87	3.0
	7.5	6.2	14.3						19707	1.820	13495	88	3.2
	10.0	10.0	23.2						20882	1.837	14612	89	3.3
30	5.0	3.1	7.2	31238	21654	1.184	35278	26.4	20176	1.826	13946	89	3.2
	7.5	6.1	14.1	31633	21851	1.129	35486	28.0	21351	1.843	15064	90	3.4
	10.0	9.9	22.8	32029	22047	1.074	35694	29.8	22527	1.860	16181	91	3.6
40	5.0	3.0	7.0	31542	21751	1.257	35830	25.1	23510	1.873	17118	92	3.7
	7.5	5.9	13.7	31938	21948	1.202	36038	26.6	24685	1.890	18236	93	3.8
	10.0	9.6	22.1	32334	22145	1.147	36247	28.2	25861	1.907	19353	94	4.0
50	5.0	2.9	6.8	31328	21819	1.340	35899	23.4	26934	1.925	20367	95	4.1
	7.5	5.8	13.3	31724	22016	1.285	36107	24.7	28109	1.942	21484	96	4.2
	10.0	9.3	21.6	32119	22213	1.230	36315	26.1	29285	1.959	22602	97	4.4
60	5.0	2.9	6.6	30711	21767	1.443	35636	21.3	30435	1.980	23679	98	4.5
	7.5	5.6	13.0	31107	21964	1.388	35844	22.4	31610	1.997	24797	99	4.6
	10.0	9.1	21.0	31502	22161	1.333	36052	23.6	32785	2.014	25914	100	4.8
70	5.0	2.8	6.5	29786	21541	1.577	35167	18.9	33939	2.039	26983	101	4.9
	7.5	5.5	12.7	30181	21737	1.522	35375	19.8	35115	2.056	28100	102	5.0
	10.0	8.9	20.6	30577	21934	1.467	35584	20.8	36290	2.073	29218	103	5.1
80	5.0	2.8	6.3	28625	21122	1.750	34595	16.4	37317	2.101	30147	104	5.2
	7.5	5.4	12.5	29020	21319	1.695	34803	17.1	38492	2.118	31265	105	5.3
	10.0	8.8	20.2	29416	21516	1.640	35012	17.9	39668	2.135	32382	107	5.4
90	5.0	2.7	6.2	27279	20533	1.968	33995	13.9	40378	2.167	32983	107	5.5
	7.5	5.3	12.3	27675	20730	1.913	34204	14.5	41554	2.184	34100	108	5.6
	10.0	8.6	19.9	28071	20927	1.858	34412	15.1	42729	2.201	35218	109	5.7
100	5.0	2.7	6.2	25779	19830	2.239	33418	11.5	Operation Not Recommended				
	7.5	5.3	12.1	26174	20026	2.184	33626	12.0					
	10.0	8.5	19.6	26570	20223	2.129	33834	12.5					
110	5.0	2.6	6.1	24130	19107	2.566	32887	9.4					
	7.5	5.2	12.0	24526	19304	2.511	33095	9.8					
	10.0	8.4	19.4	24922	19501	2.456	33303	10.1					
120	5.0	2.6	6.0	22320	18497	2.955	32403	7.6					
	7.5	5.2	11.9	22716	18694	2.900	32611	7.8					
	10.0	8.3	19.2	23111	18890	2.845	32819	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 169: WSMV036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.5	3.5	Operation Not Recommended					24528	2.277	16757	89	3.2
	9.0	3.2	7.5						26157	2.310	18274	90	3.3
	12.0	5.5	12.7						27786	2.343	19790	91	3.5
30	6.0	1.5	3.5	39971	27798	1.439	44881	27.8	26270	2.319	18357	90	3.3
	9.0	3.2	7.3	40355	27982	1.380	45062	29.3	27899	2.352	19873	91	3.5
	12.0	5.4	12.5	40738	28167	1.320	45243	30.9	29528	2.385	21389	93	3.6
40	6.0	1.5	3.4	38951	27395	1.542	44212	25.3	30649	2.405	22441	94	3.7
	9.0	3.1	7.1	39334	27580	1.483	44393	26.5	32278	2.438	23958	95	3.9
	12.0	5.3	12.1	39718	27764	1.423	44574	27.9	33907	2.471	25474	96	4.0
50	6.0	1.4	3.3	38059	26802	1.665	43741	22.9	35314	2.492	26811	97	4.2
	9.0	3.0	6.9	38442	26987	1.606	43921	23.9	36943	2.525	28328	98	4.3
	12.0	5.1	11.8	38826	27171	1.546	44102	25.1	38572	2.558	29844	100	4.4
60	6.0	1.4	3.2	37402	26349	1.814	43592	20.6	39475	2.576	30686	100	4.5
	9.0	2.9	6.8	37785	26534	1.755	43772	21.5	41104	2.609	32202	102	4.6
	12.0	5.0	11.5	38169	26718	1.695	43953	22.5	42733	2.642	33719	103	4.7
70	6.0	1.4	3.1	36973	26201	1.994	43776	18.5	42677	2.654	33622	103	4.7
	9.0	2.9	6.6	37357	26385	1.934	43957	19.3	44306	2.687	35138	104	4.8
	12.0	4.9	11.3	37740	26570	1.875	44138	20.1	45935	2.720	36654	105	4.9
80	6.0	1.3	3.1	36649	26357	2.210	44189	16.6	44803	2.723	35512	104	4.8
	9.0	2.8	6.5	37033	26541	2.150	44370	17.2	46432	2.756	37029	106	4.9
	12.0	4.8	11.1	37417	26726	2.091	44551	17.9	48061	2.789	38545	107	5.1
90	6.0	1.3	3.0	36193	26653	2.467	44612	14.7	46073	2.780	36587	105	4.9
	9.0	2.8	6.4	36577	26838	2.408	44793	15.2	47702	2.813	38104	107	5.0
	12.0	4.7	10.9	36961	27022	2.348	44973	15.7	49331	2.846	39620	108	5.1
100	6.0	1.3	3.0	35252	26760	2.772	44710	12.7	Operation Not Recommended				
	9.0	2.7	6.3	35636	26944	2.712	44890	13.1					
	12.0	4.7	10.8	36020	27129	2.653	45071	13.6					
110	6.0	1.3	2.9	33359	26182	3.128	44033	10.7					
	9.0	2.7	6.2	33743	26367	3.069	44214	11.0					
	12.0	4.6	10.6	34127	26551	3.009	44394	11.3					
120	6.0	1.3	2.9	29931	24261	3.542	42017	8.4					
	9.0	2.7	6.2	30315	24446	3.483	42198	8.7					
	12.0	4.6	10.5	30698	24630	3.423	42379	9.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 170: WSMV042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.2	5.0	Operation Not Recommended					25435	2.587	16607	87	2.9
	10.5	4.7	10.9						27712	2.618	18778	88	3.1
	14.0	8.1	18.8						29989	2.649	20949	90	3.3
30	7.0	2.2	5.0	43151	29302	1.686	48904	25.6	27483	2.590	18646	88	3.1
	10.5	4.6	10.7	43692	29525	1.609	49182	27.2	29760	2.621	20817	90	3.3
	14.0	8.0	18.5	44232	29749	1.532	49460	28.9	32037	2.652	22988	91	3.5
40	7.0	2.1	4.8	45380	30590	1.787	51478	25.4	32368	2.632	23389	91	3.6
	10.5	4.5	10.4	45920	30814	1.710	51756	26.8	34645	2.663	25560	93	3.8
	14.0	7.8	18.0	46460	31037	1.633	52033	28.4	36922	2.694	27731	94	4.0
50	7.0	2.0	4.7	45713	30999	1.917	52256	23.8	37836	2.711	28586	95	4.1
	10.5	4.4	10.1	46254	31222	1.840	52533	25.1	40113	2.742	30757	96	4.3
	14.0	7.6	17.5	46794	31445	1.763	52811	26.5	42389	2.773	32928	98	4.5
60	7.0	2.0	4.6	44833	30843	2.080	51931	21.6	43420	2.815	33815	99	4.5
	10.5	4.3	9.9	45373	31067	2.003	52208	22.6	45696	2.846	35986	100	4.7
	14.0	7.4	17.1	45913	31290	1.926	52486	23.8	47973	2.877	38157	102	4.9
70	7.0	1.9	4.5	43265	30359	2.280	51045	19.0	48768	2.931	38766	102	4.9
	10.5	4.2	9.7	43805	30582	2.203	51322	19.9	51045	2.962	40937	104	5.1
	14.0	7.2	16.7	44346	30806	2.126	51600	20.9	53322	2.993	43108	105	5.2
80	7.0	1.9	4.4	41383	29700	2.521	49985	16.4	53641	3.047	43242	105	5.2
	10.5	4.1	9.5	41924	29924	2.444	50262	17.2	55917	3.078	45414	107	5.3
	14.0	7.1	16.4	42464	30147	2.367	50540	17.9	58194	3.109	47585	108	5.5
90	7.0	1.9	4.3	39406	28941	2.807	48983	14.0	57911	3.151	47161	108	5.4
	10.5	4.1	9.3	39947	29164	2.730	49261	14.6	60188	3.182	49332	110	5.5
	14.0	7.0	16.1	40487	29387	2.653	49538	15.3	62465	3.213	51503	111	5.7
100	7.0	1.9	4.3	37400	28073	3.142	48119	11.9	Operation Not Recommended				
	10.5	4.0	9.2	37940	28296	3.065	48397	12.4					
	14.0	6.9	15.9	38480	28519	2.988	48675	12.9					
110	7.0	1.8	4.2	35274	27009	3.530	47318	10.0					
	10.5	4.0	9.1	35815	27232	3.453	47596	10.4					
	14.0	6.8	15.7	36355	27455	3.376	47873	10.8					
120	7.0	1.8	4.2	32787	25579	3.975	46351	8.2					
	10.5	3.9	9.0	33328	25803	3.898	46629	8.5					
	14.0	6.8	15.6	33868	26026	3.821	46906	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 171: WSMV048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					31127	3.027	20798	88	3.0
	12.0	3.7	8.5						33094	3.066	22634	89	3.2
	16.0	6.3	14.6						35062	3.104	24469	90	3.3
30	8.0	1.7	3.9	52112	34687	1.976	58854	26.4	34048	3.076	23552	90	3.2
	12.0	3.6	8.3	52654	34946	1.892	59109	27.8	36015	3.115	25388	91	3.4
	16.0	6.2	14.4	53196	35205	1.808	59365	29.4	37982	3.153	27224	92	3.5
40	8.0	1.6	3.8	54449	35830	2.127	61706	25.6	40069	3.185	29201	93	3.7
	12.0	3.5	8.1	54991	36089	2.043	61961	26.9	42036	3.224	31036	94	3.8
	16.0	6.1	14.0	55533	36348	1.959	62217	28.3	44003	3.262	32872	95	4.0
50	8.0	1.6	3.7	54447	35814	2.302	62300	23.7	46119	3.305	34840	97	4.1
	12.0	3.4	7.9	54989	36072	2.218	62555	24.8	48086	3.344	36676	98	4.2
	16.0	5.9	13.6	55531	36331	2.134	62811	26.0	50053	3.382	38512	99	4.3
60	8.0	1.5	3.6	52961	35146	2.507	61514	21.1	51979	3.432	40269	100	4.4
	12.0	3.3	7.7	53503	35405	2.423	61770	22.1	53946	3.470	42104	101	4.6
	16.0	5.8	13.3	54045	35664	2.339	62025	23.1	55913	3.509	43940	102	4.7
70	8.0	1.5	3.5	50667	34195	2.749	60047	18.4	57463	3.560	45317	103	4.7
	12.0	3.3	7.5	51209	34454	2.665	60303	19.2	59430	3.598	47152	104	4.8
	16.0	5.6	13.0	51751	34713	2.581	60558	20.0	61397	3.637	48988	105	4.9
80	8.0	1.5	3.4	48063	33184	3.035	58420	15.8	62420	3.684	49850	106	5.0
	12.0	3.2	7.4	48605	33443	2.951	58675	16.5	64388	3.722	51686	107	5.1
	16.0	5.5	12.7	49147	33701	2.867	58931	17.1	66355	3.761	53522	108	5.2
90	8.0	1.5	3.4	45468	32195	3.372	56974	13.5	66735	3.800	53770	108	5.1
	12.0	3.2	7.3	46010	32453	3.288	57229	14.0	68702	3.838	55606	110	5.2
	16.0	5.4	12.5	46552	32712	3.204	57485	14.5	70669	3.877	57441	111	5.3
100	8.0	1.4	3.3	43022	31167	3.766	55872	11.4	Operation Not Recommended				
	12.0	3.1	7.2	43564	31426	3.682	56128	11.8					
	16.0	5.4	12.4	44106	31685	3.598	56383	12.3					
110	8.0	1.4	3.3	40687	29899	4.224	55100	9.6					
	12.0	3.1	7.1	41229	30157	4.140	55355	10.0					
	16.0	5.3	12.2	41771	30416	4.056	55611	10.3					
120	8.0	1.4	3.3	38247	28043	4.753	54464	8.0					
	12.0	3.0	7.0	38789	28302	4.669	54719	8.3					
	16.0	5.3	12.1	39331	28561	4.585	54975	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 172: WSMV060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.0	Operation Not Recommended					40476	4.025	26744	89	2.9
	15.0	5.8	13.3						42792	4.091	28834	90	3.1
	20.0	10.1	23.3						45107	4.157	30924	91	3.2
30	10.0	2.6	5.9	64422	42236	2.773	73884	23.2	43987	4.101	29994	90	3.1
	15.0	5.7	13.1	65267	42666	2.633	74251	24.8	46302	4.167	32084	91	3.3
	20.0	9.9	22.9	66113	43097	2.492	74617	26.5	48618	4.233	34174	92	3.4
40	10.0	2.5	5.8	63935	42112	2.969	74067	21.5	51193	4.266	36637	94	3.5
	15.0	5.5	12.7	64781	42543	2.829	74433	22.9	53509	4.332	38727	95	3.6
	20.0	9.7	22.3	65626	42973	2.688	74800	24.4	55824	4.398	40817	96	3.7
50	10.0	2.4	5.6	63575	42213	3.219	74557	19.8	58421	4.441	43266	97	3.9
	15.0	5.4	12.4	64420	42643	3.078	74924	20.9	60736	4.507	45356	98	3.9
	20.0	9.4	21.7	65266	43074	2.938	75290	22.2	63051	4.573	47447	99	4.0
60	10.0	2.4	5.5	63147	42388	3.515	75141	18.0	65396	4.619	49637	100	4.1
	15.0	5.2	12.1	63992	42819	3.375	75508	19.0	67711	4.685	51727	101	4.2
	20.0	9.2	21.2	64838	43249	3.234	75874	20.0	70027	4.751	53817	102	4.3
70	10.0	2.3	5.4	62459	42488	3.859	75628	16.2	71847	4.790	55502	103	4.4
	15.0	5.1	11.8	63305	42918	3.719	75995	17.0	74163	4.856	57592	104	4.5
	20.0	9.0	20.7	64150	43349	3.579	76361	17.9	76478	4.922	59682	105	4.6
80	10.0	2.3	5.3	61318	42362	4.259	75851	14.4	77502	4.949	60617	106	4.6
	15.0	5.0	11.6	62164	42792	4.119	76217	15.1	79817	5.015	62707	107	4.7
	20.0	8.8	20.3	63009	43223	3.978	76584	15.8	82133	5.081	64797	108	4.7
90	10.0	2.2	5.2	59532	41860	4.728	75665	12.6	82088	5.086	64736	108	4.7
	15.0	4.9	11.4	60377	42291	4.588	76031	13.2	84404	5.152	66826	109	4.8
	20.0	8.7	20.0	61223	42721	4.447	76398	13.8	86719	5.218	68916	110	4.9
100	10.0	2.2	5.1	56906	40832	5.289	74951	10.8	Operation Not Recommended				
	15.0	4.9	11.3	57752	41263	5.148	75318	11.2					
	20.0	8.6	19.7	58597	41693	5.008	75684	11.7					
110	10.0	2.2	5.0	53249	39129	5.968	73614	8.9					
	15.0	4.8	11.1	54094	39559	5.828	73980	9.3					
	20.0	8.5	19.5	54940	39990	5.688	74347	9.7					
120	10.0	2.2	5.0	48367	36598	6.803	71580	7.1					
	15.0	4.8	11.0	49212	37029	6.663	71947	7.4					
	20.0	8.4	19.3	50058	37460	6.522	72313	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 173: WSSV007 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.2	1.5	3.5	Operation Not Recommended					4307	0.425	2855	86	3.0
	1.8	3.2	7.3						4307	0.425	2855	86	3.0
	2.3	5.3	12.2						4307	0.425	2856	86	3.0
30	1.2	1.5	3.5	8821	6047	0.255	9691	34.6	4729	0.432	3255	87	3.2
	1.8	3.1	7.2	8898	6091	0.239	9714	37.2	4729	0.432	3256	87	3.2
	2.3	5.2	12.0	8974	6135	0.224	9737	40.1	4730	0.432	3256	87	3.2
40	1.2	1.5	3.4	8534	5743	0.266	9440	32.1	5609	0.443	4096	91	3.7
	1.8	3.0	7.0	8610	5787	0.250	9463	34.5	5609	0.443	4096	91	3.7
	2.3	5.1	11.7	8687	5832	0.234	9486	37.1	5609	0.443	4097	91	3.7
50	1.2	1.4	3.3	8275	5523	0.285	9247	29.1	6515	0.453	4970	94	4.2
	1.8	3.0	6.8	8352	5567	0.269	9270	31.0	6515	0.453	4970	94	4.2
	2.3	4.9	11.4	8428	5611	0.253	9293	33.3	6515	0.453	4971	94	4.2
60	1.2	1.4	3.2	7998	5359	0.313	9065	25.6	7423	0.460	5853	97	4.7
	1.8	2.9	6.6	8074	5404	0.297	9088	27.2	7423	0.460	5853	97	4.7
	2.3	4.8	11.1	8151	5448	0.281	9111	29.0	7424	0.460	5854	97	4.7
70	1.2	1.4	3.2	7668	5226	0.350	8862	21.9	8309	0.465	6721	101	5.2
	1.8	2.8	6.5	7745	5271	0.334	8885	23.2	8309	0.465	6721	101	5.2
	2.3	4.7	10.9	7821	5315	0.318	8908	24.6	8310	0.465	6722	101	5.2
80	1.2	1.3	3.1	7266	5096	0.396	8617	18.4	9149	0.469	7550	104	5.7
	1.8	2.8	6.4	7342	5141	0.380	8640	19.3	9149	0.468	7551	104	5.7
	2.3	4.6	10.7	7419	5185	0.365	8663	20.3	9149	0.468	7551	104	5.7
90	1.2	1.3	3.0	6786	4943	0.452	8326	15.0	9918	0.469	8317	107	6.2
	1.8	2.7	6.3	6862	4987	0.436	8349	15.7	9919	0.469	8317	107	6.2
	2.3	4.5	10.5	6939	5031	0.420	8372	16.5	9919	0.469	8317	107	6.2
100	1.2	1.3	3.0	6236	4739	0.517	7998	12.1	Operation Not Recommended				
	1.8	2.7	6.2	6312	4783	0.501	8021	12.6					
	2.3	4.5	10.3	6389	4828	0.485	8044	13.2					
110	1.2	1.3	3.0	5638	4458	0.591	7657	9.5					
	1.8	2.7	6.1	5715	4502	0.576	7680	9.9					
	2.3	4.4	10.2	5791	4547	0.560	7703	10.3					
120	1.2	1.3	2.9	5030	4073	0.676	7338	7.4					
	1.8	2.6	6.1	5107	4117	0.661	7361	7.7					
	2.3	4.4	10.1	5183	4162	0.645	7384	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 174: WSSV009 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	1.5	3.1	7.1	Operation Not Recommended					6415	0.600	4366	90	3.1
	2.3	6.1	14.0						6415	0.600	4367	90	3.1
	3.0	9.8	22.7						6416	0.600	4368	90	3.1
30	1.5	3.0	7.0	11346	7642	0.352	12545	32.3	6984	0.612	4894	91	3.3
	2.3	6.0	13.8	11504	7654	0.334	12642	34.5	6984	0.612	4895	91	3.3
	3.0	9.7	22.3	11662	7666	0.315	12738	37.0	6985	0.612	4896	91	3.3
40	1.5	3.0	6.8	11131	7514	0.358	12351	31.1	8109	0.636	5941	95	3.7
	2.3	5.8	13.4	11289	7526	0.340	12448	33.2	8110	0.636	5941	95	3.7
	3.0	9.4	21.7	11447	7539	0.322	12544	35.6	8111	0.636	5942	95	3.7
50	1.5	2.9	6.6	10816	7352	0.380	12114	28.4	9215	0.657	6972	98	4.1
	2.3	5.7	13.1	10974	7364	0.362	12210	30.3	9215	0.657	6973	98	4.1
	3.0	9.1	21.1	11132	7376	0.344	12306	32.3	9216	0.657	6974	98	4.1
60	1.5	2.8	6.5	10417	7160	0.418	11844	24.9	10295	0.677	7984	102	4.5
	2.3	5.5	12.7	10575	7172	0.400	11940	26.4	10296	0.677	7985	102	4.5
	3.0	8.9	20.6	10734	7184	0.382	12037	28.1	10296	0.677	7986	102	4.5
70	1.5	2.7	6.3	9949	6941	0.469	11550	21.2	11346	0.695	8975	105	4.8
	2.3	5.4	12.5	10107	6953	0.451	11647	22.4	11347	0.695	8976	105	4.8
	3.0	8.7	20.2	10265	6966	0.433	11743	23.7	11347	0.695	8977	105	4.8
80	1.5	2.7	6.2	9420	6701	0.533	11237	17.7	12363	0.710	9940	108	5.1
	2.3	5.3	12.2	9578	6713	0.515	11333	18.6	12364	0.710	9941	108	5.1
	3.0	8.6	19.8	9736	6726	0.496	11430	19.6	12364	0.710	9942	108	5.1
90	1.5	2.7	6.1	8836	6444	0.606	10905	14.6	13342	0.723	10876	111	5.4
	2.3	5.2	12.0	8994	6456	0.588	11002	15.3	13343	0.723	10877	111	5.4
	3.0	8.4	19.5	9152	6468	0.570	11098	16.0	13343	0.723	10878	111	5.4
100	1.5	2.6	6.0	8200	6174	0.689	10552	11.9	Operation Not Recommended				
	2.3	5.1	11.9	8358	6186	0.671	10649	12.5					
	3.0	8.3	19.2	8516	6198	0.653	10745	13.0					
110	1.5	2.6	6.0	7511	5895	0.780	10172	9.6					
	2.3	5.1	11.7	7669	5907	0.762	10268	10.1					
	3.0	8.2	19.0	7827	5919	0.744	10365	10.5					
120	1.5	2.6	5.9	6763	5612	0.876	9754	7.7					
	2.3	5.0	11.6	6921	5624	0.858	9850	8.1					
	3.0	8.1	18.8	7079	5636	0.840	9946	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 175: WSSV012 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.0	2.7	6.2	Operation Not Recommended					7616	0.709	5196	88	3.1
	3.0	5.6	12.9						7614	0.709	5194	88	3.1
	4.0	9.4	21.6						7613	0.709	5192	88	3.1
30	2.0	2.7	6.1	13800	9318	0.431	15272	32.0	8283	0.725	5810	89	3.3
	3.0	5.5	12.7	14011	9428	0.409	15406	34.3	8282	0.725	5809	89	3.3
	4.0	9.2	21.3	14223	9539	0.386	15539	36.9	8280	0.725	5807	89	3.3
40	2.0	2.6	5.9	13810	9391	0.450	15345	30.7	9643	0.753	7072	92	3.8
	3.0	5.3	12.3	14022	9501	0.427	15479	32.8	9641	0.753	7071	92	3.8
	4.0	9.0	20.7	14233	9612	0.404	15613	35.2	9639	0.753	7069	92	3.8
50	2.0	2.5	5.8	13570	9303	0.483	15218	28.1	11017	0.779	8359	95	4.1
	3.0	5.2	12.0	13781	9414	0.460	15352	29.9	11015	0.779	8358	95	4.1
	4.0	8.7	20.1	13993	9524	0.438	15486	32.0	11014	0.779	8356	95	4.1
60	2.0	2.4	5.6	13120	9084	0.532	14934	24.7	12384	0.801	9649	99	4.5
	3.0	5.1	11.7	13332	9194	0.509	15068	26.2	12382	0.801	9648	99	4.5
	4.0	8.5	19.6	13543	9305	0.486	15202	27.9	12380	0.801	9646	99	4.5
70	2.0	2.4	5.5	12503	8761	0.595	14533	21.0	13720	0.821	10919	102	4.9
	3.0	5.0	11.5	12715	8871	0.572	14667	22.2	13718	0.821	10918	102	4.9
	4.0	8.3	19.2	12926	8982	0.549	14801	23.5	13716	0.821	10916	102	4.9
80	2.0	2.4	5.4	11758	8364	0.673	14054	17.5	15003	0.837	12148	105	5.3
	3.0	4.9	11.2	11969	8475	0.650	14188	18.4	15001	0.837	12146	105	5.3
	4.0	8.2	18.8	12181	8585	0.627	14322	19.4	15000	0.837	12144	105	5.3
90	2.0	2.3	5.3	10922	7922	0.766	13534	14.3	16211	0.850	13311	107	5.6
	3.0	4.8	11.1	11133	8032	0.743	13668	15.0	16209	0.850	13310	107	5.6
	4.0	8.0	18.5	11345	8143	0.720	13802	15.8	16208	0.850	13308	107	5.6
100	2.0	2.3	5.3	10030	7462	0.873	13008	11.5	Operation Not Recommended				
	3.0	4.7	10.9	10242	7573	0.850	13142	12.1					
	4.0	7.9	18.3	10454	7683	0.827	13276	12.6					
110	2.0	2.3	5.2	9118	7015	0.994	12509	9.2					
	3.0	4.7	10.8	9330	7126	0.971	12643	9.6					
	4.0	7.8	18.1	9541	7236	0.948	12777	10.1					
120	2.0	2.2	5.2	8218	6609	1.129	12071	7.3					
	3.0	4.6	10.7	8429	6719	1.106	12205	7.6					
	4.0	7.8	17.9	8641	6830	1.084	12339	8.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 176: WSSV015 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	2.5	0.6	1.4	Operation Not Recommended					9524	0.890	6488	88	3.1
	3.8	1.2	2.9						9519	0.889	6484	88	3.1
	5.0	2.1	4.9						9514	0.889	6479	88	3.1
30	2.5	0.6	1.3	18029	12224	0.546	19892	33.0	10390	0.910	7286	89	3.3
	3.8	1.2	2.8	18195	12236	0.506	19922	36.0	10385	0.909	7282	89	3.3
	5.0	2.1	4.8	18362	12249	0.466	19952	39.4	10380	0.909	7278	89	3.3
40	2.5	0.6	1.3	18320	12300	0.567	20255	32.3	12369	0.950	9128	93	3.8
	3.8	1.2	2.8	18486	12312	0.527	20285	35.1	12364	0.950	9124	93	3.8
	5.0	2.0	4.7	18653	12324	0.487	20314	38.3	12359	0.949	9119	93	3.8
50	2.5	0.5	1.3	18295	12290	0.612	20383	29.9	14576	0.989	11201	97	4.3
	3.8	1.2	2.7	18461	12302	0.572	20413	32.3	14572	0.989	11197	97	4.3
	5.0	2.0	4.6	18628	12314	0.532	20442	35.0	14567	0.989	11192	97	4.3
60	2.5	0.5	1.2	17953	12160	0.679	20272	26.4	16907	1.027	13403	101	4.8
	3.8	1.1	2.6	18120	12172	0.639	20301	28.3	16902	1.027	13398	101	4.8
	5.0	1.9	4.5	18286	12184	0.599	20331	30.5	16897	1.027	13394	101	4.8
70	2.5	0.5	1.2	17319	11897	0.768	19940	22.5	19269	1.063	15643	105	5.3
	3.8	1.1	2.6	17485	11910	0.728	19969	24.0	19264	1.062	15639	105	5.3
	5.0	1.9	4.4	17652	11922	0.688	19999	25.7	19259	1.062	15634	105	5.3
80	2.5	0.5	1.2	16438	11509	0.877	19430	18.7	21582	1.095	17847	110	5.8
	3.8	1.1	2.5	16604	11521	0.837	19460	19.8	21577	1.094	17843	110	5.8
	5.0	1.9	4.3	16771	11533	0.797	19489	21.0	21572	1.094	17838	110	5.8
90	2.5	0.5	1.2	15380	11022	1.004	18808	15.3	23781	1.122	19952	114	6.2
	3.8	1.1	2.5	15547	11034	0.964	18837	16.1	23776	1.122	19948	114	6.2
	5.0	1.8	4.2	15713	11046	0.924	18867	17.0	23771	1.122	19943	114	6.2
100	2.5	0.5	1.2	14240	10481	1.149	18162	12.4	Operation Not Recommended				
	3.8	1.1	2.4	14407	10493	1.109	18192	13.0					
	5.0	1.8	4.2	14573	10506	1.069	18221	13.6					
110	2.5	0.5	1.1	13134	9955	1.311	17605	10.0					
	3.8	1.0	2.4	13300	9967	1.270	17635	10.5					
	5.0	1.8	4.1	13467	9979	1.230	17665	10.9					
120	2.5	0.5	1.1	12201	9529	1.487	17274	8.2					
	3.8	1.0	2.4	12368	9541	1.446	17303	8.6					
	5.0	1.8	4.1	12534	9553	1.406	17333	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 177: WSSV019 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	3.0	0.8	1.9	Operation Not Recommended					12778	1.202	8675	90	3.1
	4.5	1.8	4.0						12771	1.202	8669	90	3.1
	6.0	3.0	6.9						12763	1.202	8663	90	3.1
30	3.0	0.8	1.9	22766	15199	0.736	25276	30.9	13883	1.229	9690	91	3.3
	4.5	1.7	4.0	22992	15265	0.691	25350	33.3	13875	1.228	9684	91	3.3
	6.0	2.9	6.8	23217	15331	0.646	25423	35.9	13868	1.228	9678	91	3.3
40	3.0	0.8	1.8	22436	15095	0.753	25007	29.8	16229	1.284	11850	95	3.7
	4.5	1.7	3.9	22662	15161	0.709	25081	32.0	16222	1.283	11844	95	3.7
	6.0	2.9	6.6	22888	15227	0.664	25154	34.5	16215	1.283	11837	95	3.7
50	3.0	0.8	1.8	22097	14916	0.809	24858	27.3	18783	1.339	14215	99	4.1
	4.5	1.6	3.8	22323	14982	0.765	24932	29.2	18776	1.338	14209	99	4.1
	6.0	2.8	6.4	22549	15048	0.720	25005	31.3	18768	1.338	14203	99	4.1
60	3.0	0.7	1.7	21623	14659	0.898	24687	24.1	21518	1.391	16771	103	4.5
	4.5	1.6	3.7	21849	14725	0.853	24761	25.6	21511	1.391	16765	103	4.5
	6.0	2.7	6.3	22075	14791	0.809	24834	27.3	21503	1.391	16759	103	4.5
70	3.0	0.7	1.7	20940	14321	1.014	24401	20.6	24349	1.438	19443	107	5.0
	4.5	1.6	3.6	21166	14387	0.969	24474	21.8	24342	1.438	19437	107	5.0
	6.0	2.7	6.1	21392	14453	0.925	24547	23.1	24334	1.437	19431	107	5.0
80	3.0	0.7	1.7	20022	13905	1.153	23955	17.4	27131	1.476	22095	112	5.4
	4.5	1.5	3.5	20248	13971	1.108	24028	18.3	27123	1.475	22089	112	5.4
	6.0	2.6	6.0	20474	14037	1.063	24102	19.3	27116	1.475	22083	112	5.4
90	3.0	0.7	1.6	18893	13420	1.308	23356	14.4	29656	1.501	24533	116	5.8
	4.5	1.5	3.5	19119	13486	1.263	23429	15.1	29648	1.501	24527	116	5.8
	6.0	2.6	5.9	19345	13552	1.219	23503	15.9	29641	1.501	24520	116	5.8
100	3.0	0.7	1.6	17626	12876	1.475	22659	12.0	Operation Not Recommended				
	4.5	1.5	3.4	17852	12942	1.430	22733	12.5					
	6.0	2.5	5.8	18078	13008	1.386	22806	13.0					
110	3.0	0.7	1.6	16345	12289	1.648	21970	9.9					
	4.5	1.5	3.4	16571	12355	1.604	22043	10.3					
	6.0	2.5	5.8	16796	12421	1.559	22116	10.8					
120	3.0	0.7	1.6	15221	11678	1.823	21441	8.3					
	4.5	1.5	3.4	15446	11744	1.778	21515	8.7					
	6.0	2.5	5.7	15672	11810	1.734	21588	9.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 178: WSSV024 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.0	2.4	Operation Not Recommended					16304	1.374	11617	89	3.5
	6.0	2.2	5.0						16298	1.373	11612	89	3.5
	8.0	3.7	8.6						16292	1.373	11608	89	3.5
30	4.0	1.0	2.3	27505	19661	1.010	30952	27.2	17407	1.399	12633	90	3.6
	6.0	2.2	5.0	27634	19716	0.960	30911	28.8	17401	1.399	12628	90	3.6
	8.0	3.7	8.5	27763	19771	0.911	30870	30.5	17395	1.398	12623	90	3.6
40	4.0	1.0	2.3	27290	19411	1.054	30887	25.9	20411	1.448	15470	93	4.1
	6.0	2.1	4.8	27418	19466	1.005	30847	27.3	20405	1.448	15465	93	4.1
	8.0	3.6	8.3	27547	19521	0.955	30806	28.8	20399	1.447	15461	93	4.1
50	4.0	1.0	2.2	26962	19232	1.114	30763	24.2	23727	1.492	18635	97	4.7
	6.0	2.0	4.7	27091	19287	1.064	30722	25.5	23721	1.492	18631	97	4.7
	8.0	3.5	8.0	27220	19342	1.014	30681	26.8	23715	1.492	18626	97	4.7
60	4.0	0.9	2.1	26440	19017	1.192	30509	22.2	26697	1.531	21473	101	5.1
	6.0	2.0	4.6	26569	19072	1.143	30468	23.3	26691	1.531	21469	101	5.1
	8.0	3.4	7.8	26698	19127	1.093	30427	24.4	26685	1.530	21464	101	5.1
70	4.0	0.9	2.1	25676	18699	1.294	30091	19.8	28937	1.563	23605	103	5.4
	6.0	1.9	4.5	25804	18754	1.244	30050	20.7	28931	1.562	23600	103	5.4
	8.0	3.3	7.7	25933	18809	1.195	30010	21.7	28925	1.562	23595	103	5.4
80	4.0	0.9	2.1	24653	18253	1.423	29510	17.3	30336	1.586	24924	105	5.6
	6.0	1.9	4.4	24782	18308	1.374	29469	18.0	30331	1.586	24920	105	5.6
	8.0	3.3	7.5	24911	18363	1.324	29428	18.8	30325	1.585	24915	105	5.6
90	4.0	0.9	2.0	23394	17692	1.584	28799	14.8	31062	1.600	25603	106	5.7
	6.0	1.9	4.3	23523	17747	1.534	28758	15.3	31056	1.600	25598	106	5.7
	8.0	3.2	7.4	23652	17802	1.485	28718	15.9	31050	1.599	25593	106	5.7
100	4.0	0.9	2.0	21953	17074	1.781	28028	12.3	Operation Not Recommended				
	6.0	1.9	4.3	22081	17129	1.731	27987	12.8					
	8.0	3.2	7.3	22210	17184	1.681	27946	13.2					
110	4.0	0.9	2.0	20418	16495	2.017	27300	10.1					
	6.0	1.8	4.2	20547	16550	1.967	27259	10.4					
	8.0	3.1	7.2	20675	16605	1.917	27218	10.8					
120	4.0	0.8	2.0	18913	16093	2.297	26751	8.2					
	6.0	1.8	4.2	19042	16148	2.247	26711	8.5					
	8.0	3.1	7.2	19171	16203	2.198	26670	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 179: WSSV030 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.3	Operation Not Recommended					18162	1.668	12469	87	3.2
	7.5	2.1	4.8						18119	1.668	12428	87	3.2
	10.0	3.6	8.3						18076	1.667	12387	87	3.2
30	5.0	1.0	2.2	30772	22642	1.203	34877	25.6	19708	1.687	13951	88	3.4
	7.5	2.1	4.8	30941	22737	1.145	34848	27.0	19665	1.687	13910	88	3.4
	10.0	3.5	8.2	31110	22833	1.087	34818	28.6	19622	1.686	13869	88	3.4
40	5.0	0.9	2.2	31335	23057	1.262	35640	24.8	23331	1.733	17418	91	3.9
	7.5	2.0	4.6	31504	23153	1.204	35610	26.2	23287	1.732	17377	91	3.9
	10.0	3.4	7.9	31673	23248	1.145	35581	27.7	23244	1.731	17336	91	3.9
50	5.0	0.9	2.1	31375	23218	1.319	35876	23.8	27411	1.786	21317	95	4.5
	7.5	2.0	4.5	31544	23313	1.261	35846	25.0	27367	1.785	21276	95	4.5
	10.0	3.4	7.7	31713	23409	1.203	35817	26.4	27324	1.785	21235	95	4.5
60	5.0	0.9	2.1	31004	23157	1.390	35747	22.3	31657	1.843	25370	99	5.0
	7.5	1.9	4.4	31173	23252	1.332	35718	23.4	31614	1.842	25329	99	5.0
	10.0	3.3	7.6	31342	23348	1.274	35688	24.6	31571	1.841	25288	99	5.0
70	5.0	0.9	2.0	30303	22901	1.491	35389	20.3	35788	1.899	29308	103	5.5
	7.5	1.9	4.3	30472	22997	1.432	35359	21.3	35745	1.898	29268	103	5.5
	10.0	3.2	7.4	30641	23092	1.374	35330	22.3	35701	1.898	29227	103	5.5
80	5.0	0.9	2.0	29326	22473	1.636	34907	17.9	39531	1.951	32874	106	5.9
	7.5	1.8	4.2	29495	22569	1.577	34878	18.7	39488	1.950	32833	106	5.9
	10.0	3.1	7.3	29664	22664	1.519	34848	19.5	39444	1.950	32792	106	5.9
90	5.0	0.8	1.9	28100	21889	1.840	34380	15.3	42623	1.995	35816	109	6.3
	7.5	1.8	4.2	28269	21985	1.782	34351	15.9	42579	1.994	35775	109	6.3
	10.0	3.1	7.1	28438	22080	1.724	34321	16.5	42536	1.993	35734	109	6.3
100	5.0	0.8	1.9	26622	21161	2.120	33857	12.6	Operation Not Recommended				
	7.5	1.8	4.1	26791	21256	2.062	33828	13.0					
	10.0	3.1	7.0	26960	21352	2.004	33798	13.5					
110	5.0	0.8	1.9	24862	20294	2.491	33361	10.0					
	7.5	1.8	4.1	25030	20389	2.433	33331	10.3					
	10.0	3.0	7.0	25199	20485	2.375	33301	10.6					
120	5.0	0.8	1.9	22760	19289	2.967	32883	7.7					
	7.5	1.7	4.0	22929	19384	2.909	32854	7.9					
	10.0	3.0	6.9	23097	19480	2.851	32824	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 180: WSSV036 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.2	2.8	Operation Not Recommended					24500	2.266	16767	89	3.2
	9.0	2.5	5.8						24454	2.265	16726	89	3.2
	12.0	4.2	9.6						24408	2.263	16685	89	3.2
30	6.0	1.2	2.8	43956	30545	1.579	49343	27.8	26313	2.296	18477	90	3.4
	9.0	2.5	5.7	44258	30662	1.448	49199	30.6	26267	2.295	18437	90	3.4
	12.0	4.1	9.5	44559	30780	1.317	49054	33.8	26221	2.293	18396	90	3.4
40	6.0	1.2	2.7	43465	30461	1.653	49105	26.3	30584	2.369	22502	93	3.8
	9.0	2.4	5.5	43767	30578	1.522	48961	28.8	30538	2.367	22461	93	3.8
	12.0	4.0	9.2	44068	30695	1.391	48816	31.7	30492	2.366	22420	93	3.8
50	6.0	1.1	2.6	42830	30520	1.736	48752	24.7	35442	2.452	27075	97	4.2
	9.0	2.3	5.4	43131	30638	1.605	48607	26.9	35396	2.451	27034	97	4.2
	12.0	3.9	8.9	43432	30755	1.474	48462	29.5	35351	2.449	26994	97	4.2
60	6.0	1.1	2.6	41959	30421	1.845	48254	22.7	40573	2.542	31899	101	4.7
	9.0	2.3	5.2	42261	30538	1.714	48109	24.7	40527	2.540	31858	101	4.7
	12.0	3.8	8.7	42562	30656	1.583	47965	26.9	40481	2.539	31818	101	4.7
70	6.0	1.1	2.5	40803	30001	1.998	47621	20.4	45669	2.632	36686	105	5.1
	9.0	2.2	5.1	41104	30119	1.867	47476	22.0	45623	2.631	36646	105	5.1
	12.0	3.7	8.5	41406	30236	1.737	47331	23.8	45577	2.629	36605	105	5.1
80	6.0	1.1	2.5	39345	29243	2.214	46899	17.8	50435	2.719	41158	109	5.4
	9.0	2.2	5.0	39647	29361	2.083	46754	19.0	50389	2.717	41118	109	5.4
	12.0	3.6	8.4	39948	29478	1.952	46609	20.5	50343	2.716	41077	109	5.4
90	6.0	1.0	2.4	37610	28270	2.509	46172	15.0	54584	2.795	45047	112	5.7
	9.0	2.1	4.9	37911	28387	2.379	46027	15.9	54538	2.794	45006	112	5.7
	12.0	3.6	8.2	38212	28505	2.248	45882	17.0	54492	2.792	44965	112	5.7
100	6.0	1.0	2.4	35656	27346	2.903	45560	12.3	Operation Not Recommended				
	9.0	2.1	4.9	35957	27464	2.772	45415	13.0					
	12.0	3.5	8.1	36259	27581	2.641	45271	13.7					
110	6.0	1.0	2.4	33582	26880	3.412	45223	9.8					
	9.0	2.1	4.8	33883	26998	3.281	45079	10.3					
	12.0	3.5	8.0	34185	27115	3.150	44934	10.9					
120	6.0	1.0	2.3	31523	27421	4.055	45357	7.8					
	9.0	2.1	4.8	31824	27539	3.924	45212	8.1					
	12.0	3.5	8.0	32125	27656	3.793	45068	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 181: WSSV042 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.4	3.2	Operation Not Recommended					26375	2.527	17751	87	3.1
	10.5	3.0	6.9						26341	2.527	17719	87	3.1
	14.0	5.2	11.9						26308	2.526	17687	87	3.1
30	7.0	1.4	3.2	46695	32358	1.696	52484	27.5	28297	2.554	19582	89	3.2
	10.5	3.0	6.8	46848	32323	1.608	52335	29.1	28264	2.554	19550	89	3.2
	14.0	5.1	11.8	47001	32287	1.520	52187	30.9	28231	2.553	19518	89	3.2
40	7.0	1.3	3.1	46273	32248	1.804	52429	25.6	33116	2.622	24170	92	3.7
	10.5	2.9	6.6	46426	32212	1.716	52281	27.1	33083	2.622	24138	92	3.7
	14.0	5.0	11.4	46579	32177	1.628	52132	28.6	33049	2.621	24106	92	3.7
50	7.0	1.3	3.0	46243	32862	1.908	52754	24.2	38620	2.703	29397	95	4.2
	10.5	2.8	6.5	46396	32826	1.820	52606	25.5	38586	2.703	29365	95	4.2
	14.0	4.8	11.1	46549	32791	1.732	52458	26.9	38553	2.702	29333	95	4.2
60	7.0	1.3	2.9	46012	33389	2.035	52957	22.6	44192	2.791	34669	99	4.6
	10.5	2.7	6.3	46165	33354	1.947	52809	23.7	44159	2.791	34637	99	4.6
	14.0	4.7	10.9	46318	33318	1.859	52660	24.9	44125	2.790	34605	99	4.6
70	7.0	1.2	2.9	45212	33357	2.212	52759	20.4	49353	2.879	39529	102	5.0
	10.5	2.7	6.2	45365	33321	2.123	52610	21.4	49320	2.879	39497	102	5.0
	14.0	4.6	10.6	45518	33285	2.035	52462	22.4	49287	2.878	39465	102	5.0
80	7.0	1.2	2.8	43700	32630	2.463	52105	17.7	53762	2.961	43658	105	5.3
	10.5	2.6	6.1	43853	32594	2.375	51956	18.5	53729	2.961	43626	105	5.3
	14.0	4.5	10.4	44006	32558	2.287	51808	19.2	53695	2.961	43594	105	5.3
90	7.0	1.2	2.8	41555	31410	2.816	51164	14.8	57213	3.031	46871	108	5.5
	10.5	2.6	6.0	41708	31375	2.728	51016	15.3	57180	3.031	46839	108	5.5
	14.0	4.4	10.3	41860	31339	2.640	50867	15.9	57147	3.030	46807	108	5.5
100	7.0	1.2	2.7	39081	30240	3.297	50331	11.9	Operation Not Recommended				
	10.5	2.5	5.9	39234	30204	3.209	50183	12.2					
	14.0	4.4	10.1	39387	30169	3.121	50035	12.6					
110	7.0	1.2	2.7	36807	29998	3.932	50225	9.4					
	10.5	2.5	5.8	36960	29962	3.844	50076	9.6					
	14.0	4.3	10.0	37113	29926	3.756	49928	9.9					
120	7.0	1.2	2.7	35485	31901	4.748	51686	7.5					
	10.5	2.5	5.8	35638	31865	4.660	51537	7.6					
	14.0	4.3	9.9	35791	31829	4.571	51389	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 182: WSSV048 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.2	2.8	Operation Not Recommended					31523	2.881	21692	88	3.2
	12.0	2.6	6.0						33531	2.917	23579	89	3.4
	16.0	4.5	10.3						35540	2.952	25467	90	3.5
30	8.0	1.2	2.8	56405	39095	2.191	63881	25.7	34183	2.919	24222	90	3.4
	12.0	2.6	5.9	56607	39102	2.078	63699	27.2	36192	2.955	26109	91	3.6
	16.0	4.4	10.1	56808	39108	1.966	63516	28.9	38200	2.990	27997	92	3.7
40	8.0	1.2	2.7	57690	39882	2.245	65349	25.7	39966	3.010	29697	93	3.9
	12.0	2.5	5.8	57891	39889	2.132	65167	27.1	41974	3.045	31584	94	4.0
	16.0	4.3	9.8	58093	39896	2.020	64984	28.8	43983	3.080	33472	95	4.2
50	8.0	1.1	2.7	56832	39548	2.374	64934	23.9	46204	3.114	35579	97	4.3
	12.0	2.4	5.6	57033	39555	2.262	64751	25.2	48212	3.149	37467	98	4.5
	16.0	4.1	9.6	57235	39562	2.149	64569	26.6	50221	3.185	39354	99	4.6
60	8.0	1.1	2.6	54983	38668	2.555	63701	21.5	52707	3.227	41694	100	4.8
	12.0	2.4	5.5	55184	38675	2.442	63518	22.6	54715	3.263	43582	101	4.9
	16.0	4.1	9.3	55386	38682	2.330	63336	23.8	56724	3.298	45470	103	5.0
70	8.0	1.1	2.5	52915	37640	2.778	62395	19.0	59283	3.346	47867	104	5.2
	12.0	2.3	5.4	53117	37647	2.666	62213	19.9	61291	3.381	49755	105	5.3
	16.0	4.0	9.1	53318	37654	2.553	62031	20.9	63300	3.417	51642	106	5.4
80	8.0	1.1	2.5	51021	36685	3.054	61442	16.7	65741	3.464	53922	108	5.6
	12.0	2.3	5.3	51223	36691	2.942	61260	17.4	67750	3.499	55809	109	5.7
	16.0	3.9	9.0	51424	36698	2.829	61077	18.2	69758	3.535	57697	110	5.8
90	8.0	1.1	2.4	49313	35842	3.409	60944	14.5	71891	3.578	59684	111	5.9
	12.0	2.2	5.2	49514	35849	3.296	60762	15.0	73899	3.613	61571	112	6.0
	16.0	3.8	8.8	49716	35856	3.184	60580	15.6	75908	3.648	63459	114	6.1
100	8.0	1.0	2.4	47422	34975	3.887	60684	12.2	Operation Not Recommended				
	12.0	2.2	5.1	47624	34982	3.774	60502	12.6					
	16.0	3.8	8.7	47825	34989	3.662	60319	13.1					
110	8.0	1.0	2.4	44602	33768	4.549	60122	9.8					
	12.0	2.2	5.1	44804	33775	4.436	59940	10.1					
	16.0	3.7	8.6	45005	33782	4.324	59757	10.4					
120	8.0	1.0	2.4	39725	31728	5.473	58399	7.3					
	12.0	2.2	5.0	39926	31735	5.361	58217	7.4					
	16.0	3.7	8.5	40128	31741	5.248	58035	7.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 183: WSSV060 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.5	3.4	Operation Not Recommended					42128	3.899	28822	89	3.2
	15.0	3.0	6.9						44507	3.958	31001	90	3.3
	20.0	5.0	11.4						46887	4.017	33179	91	3.4
30	10.0	1.4	3.3	71672	48449	2.837	81353	25.3	46233	3.981	32649	91	3.4
	15.0	2.9	6.8	71937	48523	2.678	81075	26.9	48613	4.040	34828	92	3.5
	20.0	4.9	11.3	72202	48596	2.519	80798	28.7	50992	4.099	37006	93	3.6
40	10.0	1.4	3.2	72699	49374	3.032	83046	24.0	54420	4.153	40248	95	3.8
	15.0	2.8	6.6	72964	49447	2.873	82768	25.4	56800	4.212	42426	96	4.0
	20.0	4.7	10.9	73229	49520	2.714	82490	27.0	59179	4.271	44605	97	4.1
50	10.0	1.4	3.1	71993	49282	3.185	82860	22.6	62528	4.336	47734	99	4.2
	15.0	2.8	6.4	72258	49355	3.026	82582	23.9	64908	4.395	49912	100	4.3
	20.0	4.6	10.6	72523	49429	2.867	82304	25.3	67287	4.454	52091	101	4.4
60	10.0	1.3	3.0	70196	48557	3.350	81627	21.0	70498	4.524	55060	102	4.6
	15.0	2.7	6.2	70460	48630	3.191	81349	22.1	72878	4.583	57239	103	4.7
	20.0	4.5	10.4	70725	48703	3.032	81071	23.3	75257	4.642	59417	104	4.8
70	10.0	1.3	3.0	67773	47481	3.578	79982	18.9	78272	4.716	62179	106	4.9
	15.0	2.6	6.1	68038	47554	3.419	79704	19.9	80652	4.775	64357	107	4.9
	20.0	4.4	10.2	68303	47628	3.260	79426	21.0	83031	4.834	66536	108	5.0
80	10.0	1.3	2.9	65016	46240	3.910	78359	16.6	85792	4.908	69043	109	5.1
	15.0	2.6	6.0	65281	46313	3.751	78081	17.4	88171	4.967	71222	110	5.2
	20.0	4.3	10.0	65546	46386	3.592	77804	18.2	90551	5.026	73400	111	5.3
90	10.0	1.2	2.9	62042	44918	4.383	76998	14.2	92999	5.097	75606	112	5.3
	15.0	2.6	5.9	62307	44991	4.224	76720	14.8	95378	5.156	77785	114	5.4
	20.0	4.3	9.8	62572	45064	4.065	76442	15.4	97758	5.215	79963	115	5.5
100	10.0	1.2	2.8	58791	43503	5.025	75937	11.7	Operation Not Recommended				
	15.0	2.5	5.8	59056	43576	4.866	75659	12.1					
	20.0	4.2	9.7	59320	43649	4.707	75381	12.6					
110	10.0	1.2	2.8	55028	41882	5.858	75017	9.4					
	15.0	2.5	5.8	55293	41955	5.699	74739	9.7					
	20.0	4.2	9.6	55558	42028	5.540	74461	10.0					
120	10.0	1.2	2.8	50344	39844	6.898	73882	7.3					
	15.0	2.5	5.7	50609	39918	6.739	73604	7.5					
	20.0	4.1	9.5	50874	39991	6.580	73326	7.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 184: WSSV070 Capacity Data - EC Motor

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.3	2.9	Operation Not Recommended					47708	4.540	32217	88	3.1
	18.0	2.7	6.3						51653	4.624	35874	90	3.3
	24.0	4.6	10.7						55599	4.709	39531	91	3.5
30	12.0	1.3	2.9	78063	54117	3.091	88610	25.3	51525	4.609	35797	90	3.3
	18.0	2.7	6.2	78260	54272	2.935	88276	26.7	55470	4.694	39455	91	3.5
	24.0	4.6	10.5	78456	54427	2.780	87942	28.2	59416	4.778	43112	93	3.6
40	12.0	1.2	2.8	79771	55418	3.280	90964	24.3	59416	4.762	43166	93	3.7
	18.0	2.6	6.0	79967	55573	3.125	90629	25.6	63361	4.847	46823	94	3.8
	24.0	4.4	10.2	80163	55727	2.969	90295	27.0	67307	4.931	50480	96	4.0
50	12.0	1.2	2.7	80008	55889	3.506	91971	22.8	67518	4.930	50695	96	4.0
	18.0	2.5	5.8	80204	56043	3.350	91636	23.9	71463	5.015	54352	98	4.2
	24.0	4.3	9.9	80401	56198	3.195	91302	25.2	75409	5.099	58009	99	4.3
60	12.0	1.2	2.7	79009	55664	3.781	91910	20.9	75673	5.108	58244	99	4.3
	18.0	2.5	5.7	79205	55818	3.626	91576	21.8	79618	5.192	61901	101	4.5
	24.0	4.2	9.7	79401	55973	3.470	91242	22.9	83564	5.277	65558	102	4.6
70	12.0	1.1	2.6	77006	54877	4.120	91062	18.7	83722	5.290	65672	102	4.6
	18.0	2.4	5.6	77202	55031	3.964	90728	19.5	87667	5.374	69329	104	4.8
	24.0	4.1	9.5	77398	55186	3.809	90394	20.3	91613	5.459	72986	105	4.9
80	12.0	1.1	2.6	74232	53661	4.535	89707	16.4	91506	5.471	72838	105	4.9
	18.0	2.4	5.5	74429	53816	4.380	89373	17.0	95452	5.556	76495	107	5.0
	24.0	4.0	9.3	74625	53970	4.224	89039	17.7	99398	5.640	80152	108	5.2
90	12.0	1.1	2.5	70922	52150	5.042	88126	14.1	98868	5.646	79602	108	5.1
	18.0	2.3	5.4	71118	52305	4.887	87792	14.6	102814	5.731	83259	110	5.3
	24.0	4.0	9.2	71315	52460	4.731	87458	15.1	106760	5.816	86916	111	5.4
100	12.0	1.1	2.5	67307	50478	5.655	86602	11.9	Operation Not Recommended				
	18.0	2.3	5.3	67504	50633	5.499	86268	12.3					
	24.0	3.9	9.0	67700	50787	5.344	85933	12.7					
110	12.0	1.1	2.5	63622	48778	6.387	85416	10.0					
	18.0	2.3	5.2	63818	48933	6.232	85082	10.2					
	24.0	3.9	8.9	64015	49088	6.076	84747	10.5					
120	12.0	1.1	2.4	60099	47184	7.254	84852	8.3					
	18.0	2.2	5.2	60295	47339	7.099	84518	8.5					
	24.0	3.8	8.9	60492	47494	6.944	84184	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 185: WSDV024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	3.8	8.8	Operation Not Recommended					13998	1.408	9192	86	2.9
	6.0	7.3	16.8						14688	1.431	9805	87	3.0
	8.0	11.5	26.5						15379	1.454	10417	88	3.1
30	4.0	3.8	8.7	26162	17625	1.058	29773	24.7	15319	1.431	10436	88	3.1
	6.0	7.2	16.5	26475	17773	1.008	29916	26.3	16010	1.454	11049	88	3.2
	8.0	11.3	26.1	26788	17921	0.958	30058	28.0	16700	1.477	11661	89	3.3
40	4.0	3.6	8.4	26749	17878	1.147	30663	23.3	18305	1.497	13196	91	3.6
	6.0	7.0	16.0	27062	18026	1.097	30805	24.7	18996	1.520	13809	92	3.7
	8.0	11.0	25.4	27375	18174	1.047	30947	26.1	19686	1.543	14421	93	3.7
50	4.0	3.6	8.2	26383	17777	1.233	30590	21.4	21572	1.583	16170	95	4.0
	6.0	6.8	15.6	26696	17924	1.183	30732	22.6	22262	1.606	16782	96	4.1
	8.0	10.7	24.7	27009	18072	1.133	30874	23.8	22953	1.629	17395	96	4.1
60	4.0	3.5	8.0	25448	17405	1.325	29968	19.2	24908	1.679	19178	99	4.3
	6.0	6.6	15.2	25761	17553	1.275	30111	20.2	25598	1.702	19790	99	4.4
	8.0	10.4	24.1	26074	17701	1.225	30253	21.3	26289	1.725	20403	100	4.5
70	4.0	3.4	7.8	24240	16847	1.431	29123	16.9	28102	1.776	22042	102	4.6
	6.0	6.5	14.9	24553	16995	1.381	29265	17.8	28793	1.799	22655	103	4.7
	8.0	10.2	23.6	24866	17143	1.331	29407	18.7	29483	1.822	23267	104	4.7
80	4.0	3.3	7.7	22963	16186	1.560	28287	14.7	30944	1.864	24583	105	4.9
	6.0	6.3	14.6	23276	16334	1.510	28429	15.4	31635	1.887	25196	106	4.9
	8.0	10.0	23.1	23589	16482	1.460	28572	16.2	32325	1.910	25809	107	5.0
90	4.0	3.3	7.6	21732	15506	1.721	27606	12.6	33222	1.934	26624	108	5.0
	6.0	6.2	14.4	22045	15654	1.671	27748	13.2	33912	1.957	27236	109	5.1
	8.0	9.9	22.8	22358	15802	1.621	27890	13.8	34603	1.979	27849	110	5.1
100	4.0	3.2	7.5	20572	14890	1.923	27132	10.7	Operation Not Recommended				
	6.0	6.2	14.2	20885	15038	1.873	27275	11.2					
	8.0	9.7	22.4	21198	15186	1.823	27417	11.6					
110	4.0	3.2	7.4	19417	14422	2.173	26831	8.9					
	6.0	6.1	14.0	19730	14570	2.123	26973	9.3					
	8.0	9.6	22.2	20043	14718	2.073	27116	9.7					
120	4.0	3.2	7.3	18112	14186	2.480	26576	7.3					
	6.0	6.0	13.9	18425	14334	2.430	26718	7.6					
	8.0	9.5	22.0	18738	14481	2.380	26861	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 186: WSDV024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.3	5.2	Operation Not Recommended					11547	1.203	7444	85	2.8
	6.0	4.3	10.0						11968	1.203	7863	86	2.9
	8.0	6.9	16.0						12388	1.203	8282	86	3.0
30	4.0	2.2	5.1	20065	14158	0.631	22217	31.8	12860	1.176	8849	87	3.2
	6.0	4.3	9.9	20167	14186	0.597	22203	33.8	13281	1.176	9268	88	3.3
	8.0	6.8	15.7	20268	14214	0.563	22188	36.0	13702	1.177	9687	88	3.4
40	4.0	2.2	5.0	20220	14614	0.679	22538	29.8	15347	1.140	11458	90	3.9
	6.0	4.2	9.6	20322	14643	0.645	22523	31.5	15768	1.140	11877	91	4.1
	8.0	6.6	15.3	20424	14671	0.611	22509	33.4	16188	1.141	12296	91	4.2
50	4.0	2.1	4.8	20345	14919	0.739	22867	27.5	17615	1.124	13781	93	4.6
	6.0	4.0	9.3	20447	14947	0.705	22852	29.0	18035	1.124	14200	94	4.7
	8.0	6.5	14.9	20549	14976	0.671	22838	30.6	18456	1.124	14619	94	4.8
60	4.0	2.0	4.7	20207	14966	0.813	22981	24.9	19625	1.121	15799	96	5.1
	6.0	3.9	9.1	20309	14995	0.779	22967	26.1	20046	1.122	16218	96	5.2
	8.0	6.3	14.5	20410	15023	0.745	22953	27.4	20467	1.122	16637	97	5.3
70	4.0	2.0	4.6	19675	14715	0.905	22762	21.7	21341	1.128	17492	98	5.5
	6.0	3.9	8.9	19777	14743	0.871	22748	22.7	21762	1.129	17911	99	5.7
	8.0	6.2	14.2	19879	14771	0.837	22734	23.8	22183	1.129	18330	99	5.8
80	4.0	2.0	4.5	18723	14185	1.017	22193	18.4	22724	1.138	18840	100	5.8
	6.0	3.8	8.7	18825	14213	0.983	22179	19.1	23145	1.139	19259	101	6.0
	8.0	6.0	14.0	18926	14242	0.949	22165	19.9	23566	1.139	19678	101	6.1
90	4.0	1.9	4.5	17426	13461	1.153	21360	15.1	23736	1.147	19823	101	6.1
	6.0	3.7	8.6	17528	13489	1.119	21346	15.7	24157	1.147	20242	102	6.2
	8.0	6.0	13.7	17630	13517	1.085	21331	16.3	24578	1.148	20661	102	6.3
100	4.0	1.9	4.4	15964	12688	1.316	20453	12.1	Operation Not Recommended				
	6.0	3.7	8.5	16066	12716	1.281	20438	12.5					
	8.0	5.9	13.5	16167	12745	1.247	20424	13.0					
110	4.0	1.9	4.3	14618	12076	1.508	19763	9.7					
	6.0	3.6	8.4	14720	12104	1.474	19749	10.0					
	8.0	5.8	13.4	14822	12133	1.440	19734	10.3					
120	4.0	1.9	4.3	13774	11897	1.733	19687	7.9					
	6.0	3.6	8.3	13875	11925	1.699	19672	8.2					
	8.0	5.7	13.3	13977	11953	1.665	19658	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 187: WSDV030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	5.8	13.4	Operation Not Recommended					19709	2.018	12825	88	2.9
	7.5	11.5	26.6						20387	2.043	13416	89	2.9
	10.0	18.7	43.3						21064	2.068	14007	89	3.0
30	5.0	5.7	13.2	32084	21153	1.301	36522	24.7	21730	2.066	14682	90	3.1
	7.5	11.4	26.2	32329	21240	1.224	36506	26.4	22408	2.091	15273	91	3.1
	10.0	18.5	42.6	32575	21327	1.147	36491	28.4	23085	2.116	15864	91	3.2
40	5.0	5.6	12.8	32428	21397	1.396	37193	23.2	25541	2.162	18163	94	3.5
	7.5	11.0	25.4	32674	21484	1.320	37177	24.8	26219	2.188	18754	94	3.5
	10.0	17.9	41.3	32920	21571	1.243	37161	26.5	26896	2.213	19345	95	3.6
50	5.0	5.4	12.5	32071	21380	1.513	37233	21.2	29027	2.258	21323	97	3.8
	7.5	10.7	24.8	32317	21467	1.436	37218	22.5	29705	2.283	21914	97	3.8
	10.0	17.4	40.2	32563	21554	1.359	37202	24.0	30382	2.308	22505	98	3.9
60	5.0	5.3	12.2	31279	21146	1.653	36920	18.9	32167	2.349	24151	100	4.0
	7.5	10.5	24.2	31525	21233	1.577	36904	20.0	32845	2.375	24742	100	4.1
	10.0	17.0	39.3	31771	21320	1.500	36888	21.2	33522	2.400	25333	101	4.1
70	5.0	5.2	11.9	30246	20738	1.821	36459	16.6	34940	2.435	26633	102	4.2
	7.5	10.3	23.7	30492	20825	1.744	36443	17.5	35618	2.460	27224	103	4.2
	10.0	16.7	38.4	30738	20912	1.667	36428	18.4	36295	2.485	27815	103	4.3
80	5.0	5.1	11.7	29099	20200	2.019	35987	14.4	37325	2.511	28757	104	4.4
	7.5	10.1	23.2	29345	20287	1.942	35971	15.1	38003	2.536	29348	105	4.4
	10.0	16.4	37.7	29590	20375	1.865	35955	15.9	38680	2.562	29939	106	4.4
90	5.0	5.0	11.5	27891	19576	2.250	35567	12.4	39300	2.576	30511	106	4.5
	7.5	9.9	22.8	28137	19663	2.173	35551	12.9	39978	2.601	31102	107	4.5
	10.0	16.1	37.1	28383	19750	2.096	35535	13.5	40655	2.627	31693	107	4.5
100	5.0	4.9	11.4	26606	18908	2.517	35195	10.6	Operation Not Recommended				
	7.5	9.8	22.5	26852	18995	2.440	35179	11.0					
	10.0	15.9	36.6	27098	19082	2.364	35163	11.5					
110	5.0	4.9	11.2	25158	18241	2.824	34793	8.9					
	7.5	9.7	22.3	25404	18328	2.747	34777	9.2					
	10.0	15.7	36.2	25650	18415	2.670	34762	9.6					
120	5.0	4.8	11.1	23388	17617	3.173	34215	7.4					
	7.5	9.6	22.1	23634	17704	3.096	34200	7.6					
	10.0	15.5	35.9	23880	17792	3.020	34184	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 188: WSDV030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	5.8	13.4	Operation Not Recommended					14389	1.481	9336	85	2.8
	7.5	11.5	26.6						14813	1.481	9759	85	2.9
	10.0	18.7	43.3						15238	1.482	10182	86	3.0
30	5.0	5.7	13.2	24398	17321	0.788	27087	31.0	15892	1.488	10816	86	3.1
	7.5	11.4	26.2	24619	17382	0.739	27140	33.3	16316	1.488	11239	87	3.2
	10.0	18.5	42.6	24839	17442	0.690	27194	36.0	16741	1.489	11662	87	3.3
40	5.0	5.6	12.8	25251	18092	0.845	28134	29.9	18782	1.499	13666	89	3.7
	7.5	11.0	25.4	25472	18152	0.796	28188	32.0	19207	1.500	14089	90	3.8
	10.0	17.9	41.3	25693	18213	0.747	28242	34.4	19631	1.500	14512	90	3.8
50	5.0	5.4	12.5	25101	18422	0.932	28281	26.9	21489	1.509	16340	92	4.2
	7.5	10.7	24.8	25322	18482	0.883	28335	28.7	21914	1.510	16763	92	4.3
	10.0	17.4	40.2	25543	18543	0.834	28389	30.6	22338	1.510	17185	93	4.3
60	5.0	5.3	12.2	24371	18391	1.048	27947	23.3	23978	1.517	18801	95	4.6
	7.5	10.5	24.2	24592	18452	0.999	28001	24.6	24403	1.518	19224	95	4.7
	10.0	17.0	39.3	24812	18512	0.950	28055	26.1	24828	1.518	19646	95	4.8
70	5.0	5.2	11.9	23371	18079	1.193	27441	19.6	26215	1.525	21013	97	5.0
	7.5	10.3	23.7	23592	18139	1.144	27495	20.6	26640	1.525	21436	97	5.1
	10.0	16.7	38.4	23813	18200	1.095	27549	21.8	27064	1.526	21859	98	5.2
80	5.0	5.1	11.7	22301	17564	1.365	26958	16.3	28165	1.531	22941	99	5.4
	7.5	10.1	23.2	22522	17625	1.316	27012	17.1	28589	1.532	23363	99	5.5
	10.0	16.4	37.7	22743	17685	1.267	27066	18.0	29014	1.532	23786	100	5.6
90	5.0	5.0	11.5	21248	16926	1.563	26582	13.6	29792	1.537	24547	101	5.7
	7.5	9.9	22.8	21469	16987	1.514	26636	14.2	30217	1.538	24970	101	5.8
	10.0	16.1	37.1	21689	17047	1.465	26689	14.8	30641	1.538	25393	101	5.8
100	5.0	4.9	11.4	20185	16245	1.787	26283	11.3	Operation Not Recommended				
	7.5	9.8	22.5	20406	16306	1.738	26337	11.7					
	10.0	15.9	36.6	20626	16366	1.689	26391	12.2					
110	5.0	4.9	11.2	18974	15600	2.036	25921	9.3					
	7.5	9.7	22.3	19195	15661	1.987	25975	9.7					
	10.0	15.7	36.2	19416	15721	1.938	26029	10.0					
120	5.0	4.8	11.1	17365	15070	2.309	25243	7.5					
	7.5	9.6	22.1	17586	15131	2.260	25296	7.8					
	10.0	15.5	35.9	17807	15191	2.211	25350	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 189: WSDV036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	7.9	18.3	Operation Not Recommended					24646	2.213	17093	89	3.3
	9.0	15.7	36.2						24990	2.226	17396	89	3.3
	12.0	25.5	58.8						25334	2.238	17699	89	3.3
30	6.0	7.8	18.0	36295	25150	1.544	41562	23.5	27047	2.262	19328	91	3.5
	9.0	15.5	35.6	36474	25086	1.462	41461	25.0	27392	2.274	19631	91	3.5
	12.0	25.1	57.9	36654	25021	1.379	41360	26.6	27736	2.286	19935	91	3.6
40	6.0	7.6	17.5	38246	26299	1.642	43849	23.3	31307	2.352	23281	94	3.9
	9.0	15.0	34.6	38426	26235	1.560	43748	24.6	31651	2.364	23584	94	3.9
	12.0	24.4	56.2	38605	26170	1.478	43647	26.1	31996	2.376	23887	95	3.9
50	6.0	7.4	17.0	38888	26878	1.760	44894	22.1	34882	2.433	26582	97	4.2
	9.0	14.6	33.7	39067	26814	1.678	44793	23.3	35226	2.445	26885	97	4.2
	12.0	23.7	54.8	39246	26750	1.596	44692	24.6	35571	2.457	27188	97	4.2
60	6.0	7.2	16.6	38562	26977	1.903	45056	20.3	37822	2.504	29279	99	4.4
	9.0	14.3	32.9	38741	26913	1.821	44955	21.3	38167	2.516	29582	99	4.4
	12.0	23.2	53.4	38921	26848	1.739	44854	22.4	38511	2.528	29886	100	4.5
70	6.0	7.0	16.2	37554	26685	2.075	44635	18.1	40178	2.566	31422	101	4.6
	9.0	14.0	32.2	37734	26621	1.993	44534	18.9	40522	2.578	31725	101	4.6
	12.0	22.7	52.3	37913	26556	1.911	44433	19.8	40867	2.590	32028	101	4.6
80	6.0	6.9	15.9	36093	26091	2.281	43874	15.8	41998	2.620	33059	102	4.7
	9.0	13.7	31.6	36272	26027	2.198	43773	16.5	42342	2.632	33362	102	4.7
	12.0	22.3	51.3	36452	25963	2.116	43672	17.2	42687	2.644	33665	103	4.7
90	6.0	6.8	15.7	34346	25285	2.524	42958	13.6	43332	2.666	34237	103	4.8
	9.0	13.5	31.1	34525	25221	2.442	42857	14.1	43677	2.678	34540	103	4.8
	12.0	21.9	50.5	34704	25157	2.360	42756	14.7	44021	2.690	34843	104	4.8
100	6.0	6.7	15.5	32424	24356	2.810	42013	11.5	Operation Not Recommended				
	9.0	13.3	30.6	32604	24292	2.728	41912	12.0					
	12.0	21.6	49.8	32783	24228	2.646	41811	12.4					
110	6.0	6.6	15.3	30381	23394	3.144	41107	9.7					
	9.0	13.1	30.3	30560	23330	3.061	41006	10.0					
	12.0	21.3	49.2	30740	23265	2.979	40905	10.3					
120	6.0	6.6	15.1	28211	22487	3.528	40251	8.0					
	9.0	13.0	30.0	28391	22423	3.446	40150	8.2					
	12.0	21.2	48.8	28570	22359	3.364	40049	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 190: WSDV036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	7.9	18.3	Operation Not Recommended					16500	1.638	10909	84	3.0
	9.0	15.7	36.2						16863	1.641	11265	84	3.0
	12.0	25.5	58.8						17227	1.643	11621	84	3.1
30	6.0	7.8	18.0	27182	19715	0.945	30407	28.8	18239	1.639	12645	85	3.3
	9.0	15.5	35.6	27421	19832	0.895	30473	30.7	18602	1.642	13001	85	3.3
	12.0	25.1	57.9	27660	19948	0.844	30539	32.8	18966	1.644	13356	86	3.4
40	6.0	7.6	17.5	28908	21615	0.994	32300	29.1	21584	1.643	15978	88	3.9
	9.0	15.0	34.6	29148	21731	0.943	32366	30.9	21948	1.645	16334	88	3.9
	12.0	24.4	56.2	29387	21847	0.892	32432	32.9	22311	1.647	16690	88	4.0
50	6.0	7.4	17.0	29467	22630	1.072	33126	27.5	24707	1.648	19083	90	4.4
	9.0	14.6	33.7	29706	22746	1.022	33192	29.1	25070	1.650	19439	91	4.5
	12.0	23.7	54.8	29945	22862	0.971	33258	30.8	25433	1.652	19795	91	4.5
60	6.0	7.2	16.6	29123	22927	1.182	33155	24.6	27549	1.654	21905	93	4.9
	9.0	14.3	32.9	29362	23043	1.131	33221	26.0	27913	1.656	22261	93	4.9
	12.0	23.2	53.4	29601	23159	1.080	33287	27.4	28276	1.659	22617	93	5.0
70	6.0	7.0	16.2	28120	22674	1.323	32633	21.3	30056	1.661	24390	95	5.3
	9.0	14.0	32.2	28359	22790	1.272	32699	22.3	30420	1.663	24746	95	5.4
	12.0	22.7	52.3	28599	22907	1.221	32765	23.4	30783	1.665	25102	95	5.4
80	6.0	6.9	15.9	26679	22038	1.497	31785	17.8	32172	1.667	26484	96	5.7
	9.0	13.7	31.6	26918	22154	1.446	31852	18.6	32535	1.669	26840	97	5.7
	12.0	22.3	51.3	27157	22270	1.395	31918	19.5	32899	1.671	27196	97	5.8
90	6.0	6.8	15.7	24995	21186	1.705	30812	14.7	33840	1.672	28133	98	5.9
	9.0	13.5	31.1	25235	21302	1.654	30878	15.3	34203	1.675	28489	98	6.0
	12.0	21.9	50.5	25474	21418	1.603	30944	15.9	34566	1.677	28845	98	6.0
100	6.0	6.7	15.5	23245	20284	1.947	29889	11.9	Operation Not Recommended				
	9.0	13.3	30.6	23484	20400	1.896	29955	12.4					
	12.0	21.6	49.8	23724	20516	1.846	30021	12.9					
110	6.0	6.6	15.3	21579	19500	2.226	29173	9.7					
	9.0	13.1	30.3	21818	19616	2.175	29239	10.0					
	12.0	21.3	49.2	22057	19732	2.124	29306	10.4					
120	6.0	6.6	15.1	20125	19001	2.541	28796	7.9					
	9.0	13.0	30.0	20364	19117	2.490	28862	8.2					
	12.0	21.2	48.8	20604	19233	2.440	28928	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 191: WSDV042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					26733	2.691	17550	88	2.9
	10.5	7.6	17.5						28004	2.730	18688	88	3.0
	14.0	12.2	28.1						29274	2.769	19825	89	3.1
30	7.0	3.8	8.8	45120	30492	1.976	51863	22.8	28684	2.738	19341	89	3.1
	10.5	7.5	17.2	45481	30569	1.881	51901	24.2	29954	2.777	20478	90	3.2
	14.0	12.0	27.7	45842	30646	1.786	51938	25.7	31225	2.816	21616	91	3.2
40	7.0	3.7	8.6	46154	31172	2.088	53279	22.1	33276	2.855	23535	92	3.4
	10.5	7.3	16.7	46516	31250	1.993	53316	23.3	34547	2.894	24672	93	3.5
	14.0	11.7	26.9	46877	31327	1.898	53353	24.7	35817	2.933	25810	94	3.6
50	7.0	3.6	8.3	45778	31344	2.223	53363	20.6	38527	2.995	28308	95	3.8
	10.5	7.1	16.3	46139	31421	2.128	53401	21.7	39797	3.034	29445	96	3.8
	14.0	11.4	26.2	46500	31499	2.033	53438	22.9	41068	3.073	30583	97	3.9
60	7.0	3.5	8.1	44548	31102	2.387	52694	18.7	44118	3.149	33372	99	4.1
	10.5	6.9	15.9	44910	31179	2.292	52732	19.6	45388	3.188	34509	100	4.2
	14.0	11.1	25.6	45271	31257	2.197	52769	20.6	46659	3.227	35647	101	4.2
70	7.0	3.5	8.0	42887	30540	2.586	51710	16.6	49732	3.309	38440	103	4.4
	10.5	6.7	15.6	43248	30618	2.491	51748	17.4	51002	3.348	39577	103	4.5
	14.0	10.8	25.0	43609	30695	2.396	51785	18.2	52273	3.387	40715	104	4.5
80	7.0	3.4	7.8	41073	29754	2.824	50710	14.5	55051	3.466	43224	106	4.7
	10.5	6.6	15.3	41434	29832	2.729	50747	15.2	56322	3.505	44362	107	4.7
	14.0	10.6	24.6	41796	29909	2.634	50785	15.9	57592	3.544	45499	108	4.8
90	7.0	3.3	7.7	39247	28839	3.108	49852	12.6	59759	3.611	47438	109	4.9
	10.5	6.5	15.0	39609	28916	3.013	49889	13.1	61029	3.650	48575	110	4.9
	14.0	10.5	24.2	39970	28993	2.918	49926	13.7	62300	3.689	49713	111	4.9
100	7.0	3.3	7.6	37412	27888	3.442	49155	10.9	Operation Not Recommended				
	10.5	6.4	14.8	37773	27965	3.347	49193	11.3					
	14.0	10.3	23.8	38135	28043	3.252	49230	11.7					
110	7.0	3.2	7.5	35427	26997	3.831	48500	9.2					
	10.5	6.3	14.6	35789	27074	3.736	48537	9.6					
	14.0	10.2	23.6	36150	27152	3.641	48575	9.9					
120	7.0	3.2	7.4	33016	26261	4.282	47626	7.7					
	10.5	6.3	14.5	33377	26338	4.187	47664	8.0					
	14.0	10.1	23.3	33739	26415	4.092	47701	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 192: WSDV042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	3.9	9.0	Operation Not Recommended					19407	2.048	12419	86	2.8
	10.5	7.6	17.5						20072	2.052	13070	86	2.9
	14.0	12.2	28.1						20736	2.056	13722	87	3.0
30	7.0	3.8	8.8	33301	23984	1.135	37175	29.3	21265	2.062	14229	87	3.0
	10.5	7.5	17.2	33741	24155	1.075	37409	31.4	21929	2.066	14881	88	3.1
	14.0	12.0	27.7	34182	24325	1.014	37642	33.7	22594	2.070	15532	89	3.2
40	7.0	3.7	8.6	34746	24917	1.210	38876	28.7	25105	2.090	17975	91	3.5
	10.5	7.3	16.7	35186	25088	1.150	39109	30.6	25770	2.094	18626	91	3.6
	14.0	11.7	26.9	35626	25258	1.089	39342	32.7	26434	2.097	19278	92	3.7
50	7.0	3.6	8.3	34721	25266	1.320	39227	26.3	29023	2.117	21798	94	4.0
	10.5	7.1	16.3	35162	25436	1.260	39460	27.9	29687	2.121	22449	94	4.1
	14.0	11.4	26.2	35602	25607	1.199	39694	29.7	30352	2.125	23101	95	4.2
60	7.0	3.5	8.1	33746	25141	1.466	38747	23.0	32908	2.144	25593	97	4.5
	10.5	6.9	15.9	34186	25312	1.405	38981	24.3	33573	2.148	26244	97	4.6
	14.0	11.1	25.6	34627	25482	1.344	39214	25.8	34237	2.152	26896	98	4.7
70	7.0	3.5	8.0	32227	24655	1.646	37843	19.6	36654	2.169	29254	100	5.0
	10.5	6.7	15.6	32667	24825	1.585	38076	20.6	37318	2.173	29905	101	5.0
	14.0	10.8	25.0	33108	24996	1.525	38310	21.7	37983	2.176	30556	101	5.1
80	7.0	3.4	7.8	30458	23917	1.861	36808	16.4	40150	2.191	32674	103	5.4
	10.5	6.6	15.3	30899	24088	1.800	37041	17.2	40815	2.195	33325	103	5.4
	14.0	10.6	24.6	31339	24258	1.740	37275	18.0	41479	2.199	33976	104	5.5
90	7.0	3.3	7.7	28623	23040	2.111	35825	13.6	43290	2.210	35747	105	5.7
	10.5	6.5	15.0	29064	23211	2.050	36058	14.2	43954	2.214	36399	106	5.8
	14.0	10.5	24.2	29504	23381	1.989	36292	14.8	44619	2.218	37050	107	5.9
100	7.0	3.3	7.6	26793	22134	2.395	34965	11.2	Operation Not Recommended				
	10.5	6.4	14.8	27233	22305	2.334	35199	11.7					
	14.0	10.3	23.8	27674	22475	2.274	35432	12.2					
110	7.0	3.2	7.5	24927	21311	2.714	34187	9.2					
	10.5	6.3	14.6	25367	21482	2.653	34420	9.6					
	14.0	10.2	23.6	25807	21652	2.593	34654	10.0					
120	7.0	3.2	7.4	22872	20682	3.067	33337	7.5					
	10.5	6.3	14.5	23312	20852	3.007	33571	7.8					
	14.0	10.1	23.3	23752	21023	2.946	33804	8.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 193: WSDV048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.8	6.3	Operation Not Recommended					30302	3.045	19910	87	2.9
	12.0	6.1	14.0						32069	3.103	21479	88	3.0
	16.0	10.7	24.6						33836	3.161	23049	89	3.1
30	8.0	2.7	6.2	51659	34439	2.075	58738	24.9	33463	3.188	22585	89	3.1
	12.0	6.0	13.8	51951	34690	1.937	58559	26.8	35230	3.246	24154	90	3.2
	16.0	10.5	24.2	52244	34942	1.798	58380	29.0	36998	3.304	25724	91	3.3
40	8.0	2.6	6.1	54186	36296	2.209	61723	24.5	39836	3.373	28326	93	3.5
	12.0	5.8	13.4	54479	36548	2.071	61544	26.3	41603	3.431	29895	94	3.6
	16.0	10.2	23.5	54771	36799	1.932	61365	28.3	43370	3.489	31464	95	3.6
50	8.0	2.6	5.9	54583	37130	2.372	62675	23.0	46170	3.473	34319	96	3.9
	12.0	5.7	13.1	54875	37381	2.234	62497	24.6	47938	3.531	35888	97	4.0
	16.0	9.9	22.9	55168	37633	2.096	62318	26.3	49705	3.589	37457	98	4.1
60	8.0	2.5	5.8	53620	37149	2.569	62385	20.9	52343	3.546	40243	100	4.3
	12.0	5.5	12.7	53912	37400	2.431	62206	22.2	54111	3.604	41812	101	4.4
	16.0	9.7	22.4	54205	37652	2.293	62027	23.6	55878	3.662	43381	102	4.5
70	8.0	2.4	5.6	51898	36561	2.804	61467	18.5	58230	3.651	45774	103	4.7
	12.0	5.4	12.5	52190	36812	2.666	61288	19.6	59998	3.709	47343	104	4.7
	16.0	9.5	21.9	52483	37064	2.528	61109	20.8	61765	3.767	48913	105	4.8
80	8.0	2.4	5.5	49843	35575	3.084	60365	16.2	63707	3.844	50592	106	4.9
	12.0	5.3	12.2	50136	35826	2.945	60186	17.0	65475	3.902	52161	107	4.9
	16.0	9.3	21.5	50428	36078	2.807	60007	18.0	67242	3.960	53730	108	5.0
90	8.0	2.4	5.4	47711	34399	3.411	59349	14.0	68651	4.184	54373	109	4.8
	12.0	5.2	12.0	48003	34650	3.273	59170	14.7	70418	4.242	55942	110	4.9
	16.0	9.2	21.1	48296	34902	3.135	58992	15.4	72185	4.301	57511	111	4.9
100	8.0	2.3	5.4	45582	33242	3.791	58518	12.0	Operation Not Recommended				
	12.0	5.1	11.9	45875	33493	3.653	58339	12.6					
	16.0	9.0	20.8	46167	33745	3.515	58160	13.1					
110	8.0	2.3	5.3	43366	32311	4.229	57796	10.3					
	12.0	5.1	11.7	43659	32563	4.091	57618	10.7					
	16.0	8.9	20.6	43951	32815	3.953	57439	11.1					
120	8.0	2.3	5.3	40800	31817	4.729	56937	8.6					
	12.0	5.0	11.6	41092	32068	4.591	56758	8.9					
	16.0	8.9	20.4	41385	32320	4.453	56580	9.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 194: WSDV048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	2.8	6.3	Operation Not Recommended					22311	2.292	14491	85	2.9
	12.0	6.1	14.0						23320	2.298	15478	85	3.0
	16.0	10.7	24.6						24328	2.305	16464	86	3.1
30	8.0	2.7	6.2	36699	26265	1.150	40623	31.9	24460	2.294	16633	86	3.1
	12.0	6.0	13.8	36951	26552	1.072	40607	34.5	25468	2.300	17619	87	3.2
	16.0	10.5	24.2	37203	26838	0.993	40592	37.5	26476	2.307	18605	87	3.4
40	8.0	2.6	6.1	38839	28268	1.212	42975	32.0	29147	2.305	21283	89	3.7
	12.0	5.8	13.4	39091	28554	1.134	42959	34.5	30155	2.311	22269	90	3.8
	16.0	10.2	23.5	39343	28841	1.055	42944	37.3	31164	2.318	23255	90	3.9
50	8.0	2.6	5.9	39523	29299	1.331	44063	29.7	34151	2.323	26225	92	4.3
	12.0	5.7	13.1	39775	29585	1.252	44048	31.8	35159	2.329	27211	93	4.4
	16.0	9.9	22.9	40027	29872	1.174	44033	34.1	36167	2.336	28197	94	4.5
60	8.0	2.5	5.8	39106	29539	1.500	44225	26.1	39223	2.345	31220	96	4.9
	12.0	5.5	12.7	39358	29825	1.422	44209	27.7	40232	2.352	32206	96	5.0
	16.0	9.7	22.4	39610	30112	1.343	44194	29.5	41240	2.358	33192	97	5.1
70	8.0	2.4	5.6	37894	29168	1.715	43746	22.1	44120	2.371	36031	99	5.5
	12.0	5.4	12.5	38146	29455	1.637	43730	23.3	45128	2.377	37017	99	5.6
	16.0	9.5	21.9	38398	29741	1.558	43715	24.6	46136	2.383	38003	100	5.7
80	8.0	2.4	5.5	36142	28367	1.970	42864	18.3	48593	2.396	40419	102	5.9
	12.0	5.3	12.2	36395	28654	1.891	42848	19.2	49601	2.402	41405	102	6.1
	16.0	9.3	21.5	36647	28940	1.813	42833	20.2	50609	2.408	42391	103	6.2
90	8.0	2.4	5.4	34057	27317	2.259	41766	15.1	52397	2.418	44146	104	6.4
	12.0	5.2	12.0	34309	27603	2.181	41750	15.7	53405	2.424	45132	105	6.5
	16.0	9.2	21.1	34562	27889	2.102	41735	16.4	54413	2.431	46118	105	6.6
100	8.0	2.3	5.4	31795	26197	2.577	40589	12.3	Operation Not Recommended				
	12.0	5.1	11.9	32047	26483	2.499	40573	12.8					
	16.0	9.0	20.8	32299	26769	2.421	40558	13.3					
110	8.0	2.3	5.3	29461	25188	2.919	39421	10.1					
	12.0	5.1	11.7	29713	25474	2.841	39406	10.5					
	16.0	8.9	20.6	29965	25761	2.762	39390	10.8					
120	8.0	2.3	5.3	27112	24471	3.279	38300	8.3					
	12.0	5.0	11.6	27364	24757	3.200	38284	8.6					
	16.0	8.9	20.4	27616	25043	3.122	38269	8.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 195: WSDV060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.1	Operation Not Recommended					40729	3.919	27357	89	3.0
	15.0	5.8	13.3						42626	3.983	29035	90	3.1
	20.0	10.1	23.3						44522	4.047	30713	91	3.2
30	10.0	2.6	6.0	52557	34772	2.633	61540	20.0	44317	4.012	30627	90	3.2
	15.0	5.7	13.1	53018	34833	2.482	61485	21.4	46213	4.076	32305	91	3.3
	20.0	9.9	22.9	53479	34894	2.330	61431	22.9	48110	4.140	33984	92	3.4
40	10.0	2.5	5.8	59228	40228	2.799	68779	21.2	51591	4.205	37243	94	3.6
	15.0	5.5	12.7	59689	40289	2.648	68724	22.5	53488	4.269	38922	95	3.7
	20.0	9.7	22.3	60149	40350	2.497	68669	24.1	55384	4.333	40600	96	3.7
50	10.0	2.4	5.6	62815	42999	3.074	73306	20.4	58875	4.404	43848	97	3.9
	15.0	5.4	12.4	63276	43060	2.923	73251	21.6	60772	4.468	45526	98	4.0
	20.0	9.4	21.7	63737	43121	2.772	73197	23.0	62668	4.532	47204	99	4.1
60	10.0	2.4	5.5	63881	43853	3.405	75501	18.8	66021	4.606	50306	100	4.2
	15.0	5.2	12.1	64342	43915	3.254	75446	19.8	67918	4.670	51984	101	4.3
	20.0	9.2	21.2	64803	43976	3.103	75392	20.9	69815	4.734	53663	102	4.3
70	10.0	2.3	5.4	62986	43441	3.759	75813	16.8	72883	4.806	56484	104	4.4
	15.0	5.1	11.8	63447	43502	3.608	75758	17.6	74779	4.870	58162	104	4.5
	20.0	9.0	20.7	63908	43563	3.457	75704	18.5	76676	4.934	59840	105	4.6
80	10.0	2.3	5.3	60691	42293	4.124	74761	14.7	79312	5.001	62247	107	4.6
	15.0	5.0	11.6	61151	42354	3.973	74706	15.4	81208	5.065	63925	107	4.7
	20.0	8.8	20.3	61612	42415	3.821	74652	16.1	83105	5.129	65603	108	4.7
90	10.0	2.3	5.2	57556	40825	4.507	72934	12.8	85162	5.187	67461	109	4.8
	15.0	5.0	11.4	58017	40886	4.356	72880	13.3	87058	5.251	69139	110	4.9
	20.0	8.7	20.0	58478	40947	4.205	72825	13.9	88955	5.315	70818	111	4.9
100	10.0	2.2	5.1	54144	39333	4.938	70992	11.0	Operation Not Recommended				
	15.0	4.9	11.3	54605	39394	4.787	70937	11.4					
	20.0	8.5	19.7	55066	39455	4.635	70883	11.9					
110	10.0	2.2	5.1	51014	37996	5.465	69663	9.3					
	15.0	4.8	11.1	51475	38057	5.314	69609	9.7					
	20.0	8.5	19.5	51936	38118	5.163	69554	10.1					
120	10.0	2.2	5.0	48729	36876	6.160	69747	7.9					
	15.0	4.8	11.0	49190	36937	6.009	69693	8.2					
	20.0	8.4	19.3	49651	36998	5.858	69638	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 196: WSDV060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.1	Operation Not Recommended					27892	2.848	18174	85	2.9
	15.0	5.8	13.3						29025	2.864	19253	85	3.0
	20.0	10.1	23.3						30158	2.880	20332	86	3.1
30	10.0	2.6	6.0	40563	28299	1.563	45898	25.9	30670	2.871	20873	86	3.1
	15.0	5.7	13.1	40865	28420	1.469	45878	27.8	31803	2.887	21951	87	3.2
	20.0	9.9	22.9	41166	28542	1.375	45859	29.9	32935	2.903	23030	87	3.3
40	10.0	2.5	5.8	48258	34222	1.637	53843	29.5	36383	2.922	26412	89	3.6
	15.0	5.5	12.7	48560	34344	1.543	53824	31.5	37516	2.938	27491	90	3.7
	20.0	9.7	22.3	48862	34465	1.449	53804	33.7	38648	2.954	28570	90	3.8
50	10.0	2.4	5.6	50076	36371	1.811	56254	27.7	42173	2.976	32018	92	4.2
	15.0	5.4	12.4	50377	36492	1.717	56234	29.3	43305	2.992	33096	93	4.2
	20.0	9.4	21.7	50679	36613	1.622	56215	31.2	44438	3.008	34175	93	4.3
60	10.0	2.4	5.5	49099	36376	2.054	56107	23.9	47879	3.030	37539	95	4.6
	15.0	5.2	12.1	49401	36497	1.960	56088	25.2	49012	3.046	38618	96	4.7
	20.0	9.2	21.2	49703	36619	1.866	56068	26.6	50145	3.062	39697	96	4.8
70	10.0	2.3	5.4	47141	35451	2.344	55139	20.1	53343	3.082	42828	98	5.1
	15.0	5.1	11.8	47443	35572	2.250	55120	21.1	54476	3.097	43907	99	5.2
	20.0	9.0	20.7	47745	35694	2.156	55100	22.1	55609	3.113	44986	99	5.2
80	10.0	2.3	5.3	45038	34389	2.668	54142	16.9	58405	3.127	47735	101	5.5
	15.0	5.0	11.6	45340	34510	2.574	54122	17.6	59537	3.143	48813	101	5.6
	20.0	8.8	20.3	45642	34631	2.480	54103	18.4	60670	3.159	49892	102	5.6
90	10.0	2.3	5.2	42951	33562	3.022	53262	14.2	62904	3.164	52109	103	5.8
	15.0	5.0	11.4	43252	33683	2.928	53242	14.8	64036	3.179	53188	104	5.9
	20.0	8.7	20.0	43554	33805	2.834	53223	15.4	65169	3.195	54266	104	6.0
100	10.0	2.2	5.1	40659	32924	3.411	52298	11.9	Operation Not Recommended				
	15.0	4.9	11.3	40960	33045	3.317	52278	12.3					
	20.0	8.5	19.7	41262	33167	3.223	52259	12.8					
110	10.0	2.2	5.1	37864	32008	3.850	50999	9.8					
	15.0	4.8	11.1	38165	32129	3.755	50980	10.2					
	20.0	8.5	19.5	38467	32251	3.661	50960	10.5					
120	10.0	2.2	5.0	34484	29928	4.361	49364	7.9					
	15.0	4.8	11.0	34785	30049	4.267	49344	8.2					
	20.0	8.4	19.3	35087	30171	4.173	49325	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 197: WSDV070 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	2.6	6.1	Operation Not Recommended					47693	4.772	31409	90	2.9
	18.0	5.2	12.0						49522	4.837	33018	91	3.0
	24.0	8.4	19.5						51351	4.902	34626	92	3.1
30	12.0	2.6	6.0	62688	45782	2.561	71427	24.5	51249	4.856	34679	91	3.1
	18.0	5.1	11.8	63317	46120	2.386	71459	26.5	53078	4.921	36288	92	3.2
	24.0	8.3	19.2	63946	46458	2.211	71490	28.9	54907	4.985	37896	93	3.2
40	12.0	2.5	5.8	74284	49970	3.126	84949	23.8	58876	5.049	41648	95	3.4
	18.0	5.0	11.5	74913	50308	2.950	84980	25.4	60705	5.114	43256	95	3.5
	24.0	8.1	18.6	75542	50646	2.775	85011	27.2	62534	5.179	44864	96	3.5
50	12.0	2.4	5.6	76898	51925	3.583	89123	21.5	66992	5.273	49002	98	3.7
	18.0	4.8	11.2	77527	52263	3.408	89155	22.8	68821	5.337	50610	99	3.8
	24.0	7.8	18.1	78156	52601	3.232	89186	24.2	70650	5.402	52218	100	3.8
60	12.0	2.4	5.5	74744	52124	3.974	88305	18.8	75362	5.522	56521	102	4.0
	18.0	4.7	10.9	75373	52462	3.799	88336	19.8	77191	5.586	58129	102	4.0
	24.0	7.7	17.7	76002	52800	3.624	88367	21.0	79020	5.651	59737	103	4.1
70	12.0	2.3	5.4	70905	51046	4.341	85717	16.3	83747	5.792	63983	105	4.2
	18.0	4.6	10.7	71534	51384	4.166	85748	17.2	85576	5.857	65591	106	4.3
	24.0	7.5	17.3	72163	51722	3.990	85779	18.1	87405	5.922	67199	107	4.3
80	12.0	2.3	5.3	67333	49171	4.724	83451	14.3	91912	6.079	71167	108	4.4
	18.0	4.5	10.5	67962	49508	4.548	83482	14.9	93741	6.144	72776	109	4.5
	24.0	7.4	17.0	68592	49846	4.373	83513	15.7	95570	6.209	74384	110	4.5
90	12.0	2.3	5.2	64849	46975	5.163	82465	12.6	99618	6.379	77853	112	4.6
	18.0	4.5	10.3	65478	47312	4.988	82496	13.1	101447	6.444	79461	112	4.6
	24.0	7.2	16.7	66107	47650	4.812	82528	13.7	103276	6.508	81069	113	4.7
100	12.0	2.2	5.1	63139	44937	5.700	82589	11.1	Operation Not Recommended				
	18.0	4.4	10.1	63768	45275	5.525	82620	11.5					
	24.0	7.1	16.5	64397	45613	5.350	82651	12.0					
110	12.0	2.2	5.1	60761	43537	6.376	82517	9.5					
	18.0	4.3	10.0	61390	43874	6.201	82549	9.9					
	24.0	7.1	16.3	62019	44212	6.026	82580	10.3					
120	12.0	2.2	5.0	55139	43251	7.232	79815	7.6					
	18.0	4.3	9.9	55768	43589	7.057	79846	7.9					
	24.0	7.0	16.1	56397	43927	6.881	79877	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 198: WSDV070 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	2.6	6.1	Operation Not Recommended					32767	3.536	20701	85	2.7
	18.0	5.2	12.0						33533	3.543	21443	86	2.8
	24.0	8.4	19.5						34299	3.550	22184	86	2.8
30	12.0	2.6	6.0	58411	42939	1.813	64597	32.2	36047	3.567	23875	87	3.0
	18.0	5.1	11.8	58809	43189	1.698	64603	34.6	36813	3.574	24617	87	3.0
	24.0	8.3	19.2	59207	43438	1.583	64610	37.4	37579	3.581	25359	88	3.1
40	12.0	2.5	5.8	59305	43514	1.971	66028	30.1	42625	3.632	30233	90	3.4
	18.0	5.0	11.5	59703	43763	1.856	66035	32.2	43391	3.639	30975	91	3.5
	24.0	8.1	18.6	60101	44013	1.741	66041	34.5	44157	3.646	31717	91	3.5
50	12.0	2.4	5.6	58231	43489	2.196	65726	26.5	49169	3.698	36550	93	3.9
	18.0	4.8	11.2	58629	43738	2.082	65732	28.2	49935	3.705	37292	94	3.9
	24.0	7.8	18.1	59027	43987	1.967	65738	30.0	50701	3.712	38034	94	4.0
60	12.0	2.4	5.5	56134	42966	2.487	64619	22.6	55611	3.765	42765	96	4.3
	18.0	4.7	10.9	56532	43216	2.372	64625	23.8	56377	3.772	43507	97	4.4
	24.0	7.7	17.7	56930	43465	2.257	64632	25.2	57143	3.779	44249	97	4.4
70	12.0	2.3	5.4	53676	42050	2.837	63357	18.9	61882	3.829	48815	99	4.7
	18.0	4.6	10.7	54074	42300	2.722	63363	19.9	62648	3.836	49557	100	4.8
	24.0	7.5	17.3	54473	42549	2.607	63369	20.9	63414	3.844	50299	100	4.8
80	12.0	2.3	5.3	51238	40843	3.244	62305	15.8	67914	3.890	54640	102	5.1
	18.0	4.5	10.5	51636	41092	3.129	62312	16.5	68680	3.898	55381	102	5.2
	24.0	7.4	17.0	52034	41342	3.014	62318	17.3	69446	3.905	56123	103	5.2
90	12.0	2.3	5.2	48918	39447	3.702	61550	13.2	73640	3.946	60175	105	5.5
	18.0	4.5	10.3	49316	39697	3.587	61556	13.7	74406	3.953	60917	105	5.5
	24.0	7.2	16.7	49714	39946	3.472	61563	14.3	75172	3.960	61659	106	5.6
100	12.0	2.2	5.1	46533	37966	4.208	60893	11.1	Operation Not Recommended				
	18.0	4.4	10.1	46932	38216	4.094	60900	11.5					
	24.0	7.1	16.5	47330	38465	3.979	60906	11.9					
110	12.0	2.2	5.1	43619	36503	4.759	59856	9.2					
	18.0	4.3	10.0	44017	36753	4.644	59862	9.5					
	24.0	7.1	16.3	44415	37002	4.529	59869	9.8					
120	12.0	2.2	5.0	39428	35160	5.348	57677	7.4					
	18.0	4.3	9.9	39826	35410	5.234	57684	7.6					
	24.0	7.0	16.1	40224	35659	5.119	57690	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 199: WSNV024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.3	5.2	Operation Not Recommended					16443	1.507	11299	89	3.2
	6.0	4.3	10.0						16932	1.524	11733	90	3.3
	8.0	6.9	16.0						17421	1.540	12166	90	3.3
30	4.0	2.2	5.1	26031	17762	1.066	29668	24.4	18041	1.471	13022	91	3.6
	6.0	4.3	9.9	26223	17807	1.012	29677	25.9	18530	1.487	13455	91	3.7
	8.0	6.8	15.7	26416	17851	0.959	29686	27.6	19019	1.503	13889	92	3.7
40	4.0	2.2	5.0	26278	18035	1.126	30121	23.3	20974	1.483	15914	94	4.1
	6.0	4.2	9.6	26470	18079	1.072	30130	24.7	21463	1.499	16347	95	4.2
	8.0	6.6	15.3	26663	18123	1.019	30139	26.2	21952	1.516	16780	95	4.2
50	4.0	2.1	4.8	26355	18217	1.192	30422	22.1	23533	1.552	18238	97	4.4
	6.0	4.0	9.3	26547	18261	1.138	30431	23.3	24021	1.568	18672	98	4.5
	8.0	6.5	14.9	26739	18306	1.085	30440	24.7	24510	1.584	19105	98	4.5
60	4.0	2.0	4.7	26095	18191	1.271	30430	20.5	25687	1.626	20140	100	4.6
	6.0	3.9	9.1	26287	18235	1.217	30439	21.6	26176	1.642	20574	100	4.7
	8.0	6.3	14.5	26480	18279	1.163	30449	22.8	26665	1.658	21007	101	4.7
70	4.0	2.0	4.6	25416	17899	1.369	30087	18.6	27410	1.675	21694	102	4.8
	6.0	3.9	8.9	25609	17943	1.315	30096	19.5	27899	1.692	22127	102	4.8
	8.0	6.2	14.2	25801	17987	1.262	30106	20.5	28388	1.708	22561	103	4.9
80	4.0	2.0	4.5	24316	17345	1.494	29415	16.3	28672	1.690	22904	103	5.0
	6.0	3.8	8.7	24509	17390	1.441	29424	17.0	29161	1.707	23338	104	5.0
	8.0	6.0	14.0	24701	17434	1.387	29433	17.8	29650	1.723	23771	104	5.0
90	4.0	1.9	4.5	22875	16598	1.654	28518	13.8	29444	1.682	23706	104	5.1
	6.0	3.7	8.6	23067	16642	1.600	28527	14.4	29933	1.698	24139	105	5.2
	8.0	6.0	13.7	23260	16686	1.546	28536	15.0	30422	1.714	24572	105	5.2
100	4.0	1.9	4.4	21254	15785	1.854	27580	11.5	Operation Not Recommended				
	6.0	3.7	8.5	21446	15830	1.800	27589	11.9					
	8.0	5.9	13.5	21639	15874	1.747	27598	12.4					
110	4.0	1.9	4.3	19696	15099	2.103	26870	9.4					
	6.0	3.6	8.4	19888	15144	2.049	26879	9.7					
	8.0	5.8	13.4	20080	15188	1.995	26889	10.1					
120	4.0	1.9	4.3	18525	14793	2.407	26737	7.7					
	6.0	3.6	8.3	18717	14837	2.353	26746	8.0					
	8.0	5.7	13.3	18910	14882	2.299	26755	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 200: WSNV024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	2.3	5.2	Operation Not Recommended					11547	1.203	7444	85	2.8
	6.0	4.3	10.0						11968	1.203	7863	86	2.9
	8.0	6.9	16.0						12388	1.203	8282	86	3.0
30	4.0	2.2	5.1	20065	14158	0.631	22217	31.8	12860	1.176	8849	87	3.2
	6.0	4.3	9.9	20167	14186	0.597	22203	33.8	13281	1.176	9268	88	3.3
	8.0	6.8	15.7	20268	14214	0.563	22188	36.0	13702	1.177	9687	88	3.4
40	4.0	2.2	5.0	20220	14614	0.679	22538	29.8	15347	1.140	11458	90	3.9
	6.0	4.2	9.6	20322	14643	0.645	22523	31.5	15768	1.140	11877	91	4.1
	8.0	6.6	15.3	20424	14671	0.611	22509	33.4	16188	1.141	12296	91	4.2
50	4.0	2.1	4.8	20345	14919	0.739	22867	27.5	17615	1.124	13781	93	4.6
	6.0	4.0	9.3	20447	14947	0.705	22852	29.0	18035	1.124	14200	94	4.7
	8.0	6.5	14.9	20549	14976	0.671	22838	30.6	18456	1.124	14619	94	4.8
60	4.0	2.0	4.7	20207	14966	0.813	22981	24.9	19625	1.121	15799	96	5.1
	6.0	3.9	9.1	20309	14995	0.779	22967	26.1	20046	1.122	16218	96	5.2
	8.0	6.3	14.5	20410	15023	0.745	22953	27.4	20467	1.122	16637	97	5.3
70	4.0	2.0	4.6	19675	14715	0.905	22762	21.7	21341	1.128	17492	98	5.5
	6.0	3.9	8.9	19777	14743	0.871	22748	22.7	21762	1.129	17911	99	5.7
	8.0	6.2	14.2	19879	14771	0.837	22734	23.8	22183	1.129	18330	99	5.8
80	4.0	2.0	4.5	18723	14185	1.017	22193	18.4	22724	1.138	18840	100	5.8
	6.0	3.8	8.7	18825	14213	0.983	22179	19.1	23145	1.139	19259	101	6.0
	8.0	6.0	14.0	18926	14242	0.949	22165	19.9	23566	1.139	19678	101	6.1
90	4.0	1.9	4.5	17426	13461	1.153	21360	15.1	23736	1.147	19823	101	6.1
	6.0	3.7	8.6	17528	13489	1.119	21346	15.7	24157	1.147	20242	102	6.2
	8.0	6.0	13.7	17630	13517	1.085	21331	16.3	24578	1.148	20661	102	6.3
100	4.0	1.9	4.4	15964	12688	1.316	20453	12.1	Operation Not Recommended				
	6.0	3.7	8.5	16066	12716	1.281	20438	12.5					
	8.0	5.9	13.5	16167	12745	1.247	20424	13.0					
110	4.0	1.9	4.3	14618	12076	1.508	19763	9.7					
	6.0	3.6	8.4	14720	12104	1.474	19749	10.0					
	8.0	5.8	13.4	14822	12133	1.440	19734	10.3					
120	4.0	1.9	4.3	13774	11897	1.733	19687	7.9					
	6.0	3.6	8.3	13875	11925	1.699	19672	8.2					
	8.0	5.7	13.3	13977	11953	1.665	19658	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 201: WSNV030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.2	7.3	Operation Not Recommended					17867	1.928	11289	86	2.7
	7.5	6.2	14.3						18801	1.953	12138	87	2.8
	10.0	10.0	23.2						19736	1.978	12987	88	2.9
30	5.0	3.1	7.2	34207	22604	1.407	39007	24.3	19834	1.963	13134	88	3.0
	7.5	6.1	14.1	34291	22720	1.330	38830	25.8	20768	1.988	13983	89	3.1
	10.0	9.9	22.8	34376	22837	1.254	38653	27.4	21703	2.014	14832	90	3.2
40	5.0	3.0	7.0	35318	23267	1.470	40335	24.0	23822	2.045	16846	92	3.4
	7.5	5.9	13.7	35402	23383	1.394	40158	25.4	24757	2.070	17695	93	3.5
	10.0	9.6	22.1	35487	23500	1.317	39981	26.9	25691	2.095	18544	94	3.6
50	5.0	2.9	6.8	35236	23477	1.557	40549	22.6	27766	2.134	20483	96	3.8
	7.5	5.8	13.3	35321	23593	1.480	40372	23.9	28700	2.159	21332	96	3.9
	10.0	9.3	21.6	35405	23710	1.404	40195	25.2	29634	2.184	22181	97	4.0
60	5.0	2.9	6.6	34383	23314	1.671	40084	20.6	31523	2.227	23923	99	4.1
	7.5	5.6	13.0	34467	23430	1.594	39907	21.6	32457	2.252	24772	100	4.2
	10.0	9.1	21.0	34552	23547	1.517	39730	22.8	33391	2.277	25621	101	4.3
70	5.0	2.8	6.5	33087	22858	1.816	39284	18.2	34953	2.319	27041	102	4.4
	7.5	5.5	12.7	33172	22974	1.739	39107	19.1	35887	2.344	27890	103	4.5
	10.0	8.9	20.6	33256	23091	1.663	38930	20.0	36822	2.369	28739	104	4.6
80	5.0	2.8	6.3	31592	22189	1.997	38404	15.8	37916	2.403	29717	105	4.6
	7.5	5.4	12.5	31676	22305	1.920	38227	16.5	38850	2.428	30566	106	4.7
	10.0	8.8	20.2	31761	22422	1.843	38050	17.2	39785	2.453	31415	107	4.8
90	5.0	2.7	6.2	30046	21386	2.217	37609	13.6	40270	2.475	31825	107	4.8
	7.5	5.3	12.3	30130	21502	2.140	37432	14.1	41205	2.500	32674	108	4.8
	10.0	8.6	19.9	30215	21619	2.063	37255	14.6	42139	2.525	33523	109	4.9
100	5.0	2.7	6.2	28512	20530	2.480	36973	11.5	Operation Not Recommended				
	7.5	5.3	12.1	28596	20646	2.403	36796	11.9					
	10.0	8.5	19.6	28681	20762	2.326	36619	12.3					
110	5.0	2.6	6.1	26961	19700	2.791	36482	9.7					
	7.5	5.2	12.0	27045	19816	2.714	36305	10.0					
	10.0	8.4	19.4	27130	19932	2.637	36128	10.3					
120	5.0	2.6	6.0	25273	18976	3.153	36031	8.0					
	7.5	5.2	11.9	25358	19092	3.076	35853	8.2					
	10.0	8.3	19.2	25442	19208	2.999	35676	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 202: WSNV030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	3.2	7.3	Operation Not Recommended					14018	1.527	8808	84	2.7
	7.5	6.2	14.3						14576	1.528	9361	85	2.8
	10.0	10.0	23.2						15134	1.530	9915	85	2.9
30	5.0	3.1	7.2	24983	19426	0.761	27578	32.8	15499	1.525	10296	86	3.0
	7.5	6.1	14.1	25120	19466	0.715	27561	35.1	16057	1.526	10850	86	3.1
	10.0	9.9	22.8	25258	19505	0.670	27543	37.7	16615	1.527	11403	87	3.2
40	5.0	3.0	7.0	25436	19966	0.820	28234	31.0	18497	1.524	13298	89	3.6
	7.5	5.9	13.7	25573	20006	0.775	28217	33.0	19055	1.525	13851	89	3.7
	10.0	9.6	22.1	25711	20045	0.729	28199	35.3	19613	1.526	14405	90	3.8
50	5.0	2.9	6.8	25384	20198	0.898	28450	28.3	21462	1.526	16255	92	4.1
	7.5	5.8	13.3	25522	20237	0.853	28432	29.9	22020	1.527	16808	93	4.2
	10.0	9.3	21.6	25659	20276	0.807	28415	31.8	22578	1.529	17362	93	4.3
60	5.0	2.9	6.6	24903	20163	0.998	28309	25.0	24299	1.531	19075	95	4.7
	7.5	5.6	13.0	25041	20202	0.953	28291	26.3	24856	1.532	19628	95	4.8
	10.0	9.1	21.0	25179	20241	0.907	28274	27.8	25414	1.533	20182	96	4.9
70	5.0	2.8	6.5	24069	19902	1.122	27896	21.5	26910	1.537	21664	98	5.1
	7.5	5.5	12.7	24206	19941	1.076	27878	22.5	27467	1.538	22218	98	5.2
	10.0	8.9	20.6	24344	19980	1.031	27861	23.6	28025	1.540	22771	99	5.3
80	5.0	2.8	6.3	22956	19457	1.272	27296	18.0	29199	1.544	23931	100	5.5
	7.5	5.4	12.5	23093	19496	1.227	27279	18.8	29756	1.545	24485	100	5.6
	10.0	8.8	20.2	23231	19535	1.181	27261	19.7	30314	1.546	25038	101	5.7
90	5.0	2.7	6.2	21641	18870	1.452	26596	14.9	31069	1.550	25782	102	5.9
	7.5	5.3	12.3	21778	18909	1.407	26578	15.5	31627	1.551	26336	102	6.0
	10.0	8.6	19.9	21916	18948	1.361	26561	16.1	32185	1.552	26889	103	6.1
100	5.0	2.7	6.2	20200	18182	1.665	25880	12.1	Operation Not Recommended				
	7.5	5.3	12.1	20338	18221	1.619	25863	12.6					
	10.0	8.5	19.6	20475	18261	1.574	25845	13.0					
110	5.0	2.6	6.1	18712	17435	1.912	25236	9.8					
	7.5	5.2	12.0	18849	17474	1.867	25219	10.1					
	10.0	8.4	19.4	18987	17514	1.821	25201	10.4					
120	5.0	2.6	6.0	17252	16670	2.197	24750	7.9					
	7.5	5.2	11.9	17390	16710	2.152	24733	8.1					
	10.0	8.3	19.2	17527	16749	2.107	24715	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 203: WSNV036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.5	3.5	Operation Not Recommended					23531	2.159	16165	88	3.2
	9.0	3.2	7.5						24277	2.180	16838	89	3.3
	12.0	5.5	12.7						25024	2.202	17511	89	3.3
30	6.0	1.5	3.5	39350	27168	1.537	44595	25.6	25729	2.196	18237	90	3.4
	9.0	3.2	7.3	39312	27122	1.458	44285	27.0	26476	2.217	18910	90	3.5
	12.0	5.4	12.5	39273	27077	1.378	43976	28.5	27222	2.239	19583	91	3.6
40	6.0	1.5	3.4	39831	27418	1.621	45363	24.6	29906	2.272	22152	93	3.9
	9.0	3.1	7.1	39793	27373	1.542	45054	25.8	30653	2.294	22825	93	3.9
	12.0	5.3	12.1	39755	27328	1.462	44744	27.2	31399	2.316	23498	94	4.0
50	6.0	1.4	3.3	39719	27530	1.722	45596	23.1	33738	2.350	25720	96	4.2
	9.0	3.0	6.9	39681	27485	1.643	45286	24.2	34484	2.371	26393	96	4.3
	12.0	5.1	11.8	39643	27440	1.563	44977	25.4	35231	2.393	27065	97	4.3
60	6.0	1.4	3.2	39159	27499	1.845	45455	21.2	37160	2.424	28888	98	4.5
	9.0	2.9	6.8	39121	27454	1.765	45145	22.2	37907	2.446	29560	99	4.5
	12.0	5.0	11.5	39083	27409	1.686	44836	23.2	38654	2.468	30233	100	4.6
70	6.0	1.4	3.1	38262	27322	1.994	45067	19.2	40110	2.493	31604	101	4.7
	9.0	2.9	6.6	38223	27276	1.915	44757	20.0	40856	2.515	32276	101	4.8
	12.0	4.9	11.3	38185	27231	1.835	44448	20.8	41603	2.536	32949	102	4.8
80	6.0	1.3	3.1	37102	26992	2.176	44526	17.1	42522	2.552	33815	103	4.9
	9.0	2.8	6.5	37064	26947	2.096	44216	17.7	43269	2.573	34488	103	4.9
	12.0	4.8	11.1	37025	26901	2.017	43907	18.4	44016	2.595	35161	104	5.0
90	6.0	1.3	3.0	35722	26506	2.394	43889	14.9	44334	2.598	35470	104	5.0
	9.0	2.8	6.4	35684	26461	2.314	43580	15.4	45081	2.619	36143	105	5.0
	12.0	4.7	10.9	35645	26416	2.235	43270	16.0	45828	2.641	36816	105	5.1
100	6.0	1.3	3.0	34128	25860	2.653	43182	12.9	Operation Not Recommended				
	9.0	2.7	6.3	34090	25815	2.574	42872	13.2					
	12.0	4.7	10.8	34051	25770	2.494	42563	13.7					
110	6.0	1.3	2.9	32292	25049	2.960	42392	10.9					
	9.0	2.7	6.2	32254	25004	2.880	42083	11.2					
	12.0	4.6	10.6	32216	24959	2.801	41773	11.5					
120	6.0	1.3	2.9	30152	24069	3.318	41474	9.1					
	9.0	2.7	6.2	30113	24024	3.239	41165	9.3					
	12.0	4.6	10.5	30075	23979	3.159	40855	9.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 204: WSNV036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.5	3.5	Operation Not Recommended					17005	1.672	11299	84	3.0
	9.0	3.2	7.5						17557	1.675	11843	84	3.1
	12.0	5.5	12.7						18110	1.677	12387	85	3.2
30	6.0	1.5	3.5	28581	20964	1.041	32132	27.5	18601	1.656	12950	85	3.3
	9.0	3.2	7.3	28663	20992	0.987	32031	29.0	19154	1.659	13494	86	3.4
	12.0	5.4	12.5	28745	21020	0.933	31930	30.8	19706	1.661	14038	86	3.5
40	6.0	1.5	3.4	28654	21903	1.093	32383	26.2	21829	1.638	16239	88	3.9
	9.0	3.1	7.1	28736	21931	1.039	32282	27.7	22382	1.641	16783	88	4.0
	12.0	5.3	12.1	28818	21960	0.986	32181	29.2	22934	1.643	17327	89	4.1
50	6.0	1.4	3.3	28943	22542	1.167	32924	24.8	25006	1.635	19428	90	4.5
	9.0	3.0	6.9	29024	22570	1.113	32823	26.1	25559	1.637	19972	91	4.6
	12.0	5.1	11.8	29106	22598	1.060	32722	27.5	26111	1.640	20516	91	4.7
60	6.0	1.4	3.2	29041	22893	1.266	33360	22.9	28017	1.642	22416	93	5.0
	9.0	2.9	6.8	29123	22922	1.212	33259	24.0	28570	1.644	22960	93	5.1
	12.0	5.0	11.5	29205	22950	1.159	33158	25.2	29122	1.646	23504	94	5.2
70	6.0	1.4	3.1	28689	22970	1.393	33441	20.6	30746	1.654	25104	95	5.4
	9.0	2.9	6.6	28771	22998	1.339	33340	21.5	31298	1.656	25648	96	5.5
	12.0	4.9	11.3	28853	23027	1.286	33240	22.4	31851	1.658	26192	96	5.6
80	6.0	1.3	3.1	27768	22784	1.551	33060	17.9	33077	1.666	27391	97	5.8
	9.0	2.8	6.5	27849	22813	1.497	32959	18.6	33629	1.669	27935	98	5.9
	12.0	4.8	11.1	27931	22841	1.444	32858	19.3	34182	1.671	28479	98	6.0
90	6.0	1.3	3.0	26301	22349	1.744	32250	15.1	34894	1.675	29177	99	6.1
	9.0	2.8	6.4	26382	22378	1.690	32150	15.6	35446	1.678	29721	99	6.2
	12.0	4.7	10.9	26464	22406	1.637	32049	16.2	35999	1.680	30265	99	6.3
100	6.0	1.3	3.0	24456	21677	1.974	31192	12.4	Operation Not Recommended				
	9.0	2.7	6.3	24537	21706	1.921	31091	12.8					
	12.0	4.7	10.8	24619	21734	1.867	30990	13.2					
110	6.0	1.3	2.9	22543	20781	2.245	30204	10.0					
	9.0	2.7	6.2	22625	20809	2.192	30103	10.3					
	12.0	4.6	10.6	22707	20838	2.138	30002	10.6					
120	6.0	1.3	2.9	21016	19673	2.560	29752	8.2					
	9.0	2.7	6.2	21098	19702	2.507	29651	8.4					
	12.0	4.6	10.5	21180	19730	2.453	29551	8.6					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 205: WSNV042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					25776	2.611	16866	87	2.9
	10.5	4.4	10.1						27368	2.653	18314	88	3.0
	14.0	7.5	17.3						28961	2.696	19763	89	3.1
30	7.0	2.0	4.7	46318	30939	1.759	52321	26.3	28368	2.654	19312	89	3.1
	10.5	4.3	10.0	46513	31080	1.633	52085	28.5	29960	2.696	20760	90	3.3
	14.0	7.4	17.0	46709	31221	1.507	51850	31.0	31553	2.739	22208	91	3.4
40	7.0	2.0	4.6	48095	32207	1.915	54630	25.1	33590	2.760	24173	92	3.6
	10.5	4.2	9.7	48290	32349	1.789	54395	27.0	35183	2.802	25622	93	3.7
	14.0	7.2	16.5	48486	32490	1.663	54159	29.2	36775	2.844	27070	94	3.8
50	7.0	1.9	4.4	48287	32664	2.069	55347	23.3	38995	2.885	29149	96	4.0
	10.5	4.1	9.4	48482	32805	1.943	55112	25.0	40587	2.928	30597	97	4.1
	14.0	7.0	16.1	48677	32946	1.817	54876	26.8	42180	2.970	32046	98	4.2
60	7.0	1.9	4.3	47408	32539	2.240	55050	21.2	44592	3.022	34279	99	4.3
	10.5	4.0	9.2	47603	32680	2.113	54815	22.5	46184	3.065	35727	100	4.4
	14.0	6.8	15.7	47799	32821	1.987	54579	24.1	47777	3.107	37175	101	4.5
70	7.0	1.8	4.2	45866	32020	2.443	54203	18.8	50225	3.162	39435	103	4.7
	10.5	3.9	9.0	46061	32162	2.317	53968	19.9	51817	3.204	40883	104	4.7
	14.0	6.7	15.4	46256	32303	2.191	53732	21.1	53410	3.247	42332	105	4.8
80	7.0	1.8	4.2	43960	31253	2.695	53156	16.3	55571	3.296	44324	107	4.9
	10.5	3.8	8.8	44155	31394	2.569	52920	17.2	57164	3.338	45772	108	5.0
	14.0	6.5	15.1	44350	31535	2.443	52685	18.2	58756	3.381	47220	109	5.1
90	7.0	1.8	4.1	41881	30337	3.007	52141	13.9	60140	3.416	48484	110	5.2
	10.5	3.8	8.7	42076	30478	2.881	51905	14.6	61733	3.458	49933	111	5.2
	14.0	6.4	14.8	42272	30619	2.754	51670	15.3	63325	3.501	51381	112	5.3
100	7.0	1.7	4.0	39713	29330	3.389	51278	11.7	Operation Not Recommended				
	10.5	3.7	8.6	39908	29471	3.263	51042	12.2					
	14.0	6.3	14.6	40104	29612	3.137	50807	12.8					
110	7.0	1.7	4.0	37432	28246	3.850	50570	9.7					
	10.5	3.7	8.5	37628	28387	3.724	50335	10.1					
	14.0	6.3	14.5	37823	28529	3.598	50099	10.5					
120	7.0	1.7	4.0	34906	27057	4.396	49907	7.9					
	10.5	3.6	8.4	35101	27198	4.270	49671	8.2					
	14.0	6.2	14.3	35297	27339	4.144	49436	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 206: WSNV042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	2.1	4.8	Operation Not Recommended					18236	1.970	11515	83	2.7
	10.5	4.4	10.1						19121	1.975	12384	84	2.8
	14.0	7.5	17.3						20007	1.980	13253	84	3.0
30	7.0	2.0	4.7	34334	23895	1.014	37793	33.9	20095	1.966	13385	84	3.0
	10.5	4.3	10.0	34520	23975	0.943	37738	36.6	20981	1.971	14254	85	3.1
	14.0	7.4	17.0	34707	24056	0.872	37684	39.8	21866	1.976	15123	86	3.2
40	7.0	2.0	4.6	35968	25227	1.112	39763	32.3	24112	1.967	17400	87	3.6
	10.5	4.2	9.7	36155	25307	1.042	39709	34.7	24998	1.972	18269	88	3.7
	14.0	7.2	16.5	36341	25387	0.971	39654	37.4	25884	1.977	19138	89	3.8
50	7.0	1.9	4.4	36143	25927	1.226	40326	29.5	28386	1.976	21645	90	4.2
	10.5	4.1	9.4	36329	26008	1.155	40272	31.4	29272	1.980	22514	91	4.3
	14.0	7.0	16.1	36516	26088	1.085	40217	33.7	30157	1.985	23383	92	4.5
60	7.0	1.9	4.3	35409	26112	1.369	40079	25.9	32746	1.989	25958	93	4.8
	10.5	4.0	9.2	35595	26192	1.298	40024	27.4	33632	1.994	26827	94	4.9
	14.0	6.8	15.7	35782	26272	1.227	39969	29.2	34517	1.999	27696	95	5.1
70	7.0	1.8	4.2	34178	25889	1.549	39462	22.1	37023	2.006	30179	97	5.4
	10.5	3.9	9.0	34365	25970	1.478	39407	23.3	37909	2.011	31048	97	5.5
	14.0	6.7	15.4	34551	26050	1.407	39353	24.6	38794	2.016	31917	98	5.6
80	7.0	1.8	4.2	32723	25363	1.770	38764	18.5	41046	2.023	34144	99	5.9
	10.5	3.8	8.8	32910	25443	1.700	38709	19.4	41932	2.028	35013	100	6.1
	14.0	6.5	15.1	33096	25524	1.629	38654	20.3	42818	2.033	35882	101	6.2
90	7.0	1.8	4.1	31176	24629	2.034	38116	15.3	44646	2.038	37693	102	6.4
	10.5	3.8	8.7	31363	24710	1.963	38061	16.0	45532	2.043	38562	103	6.5
	14.0	6.4	14.8	31549	24790	1.892	38006	16.7	46418	2.048	39431	103	6.6
100	7.0	1.7	4.0	29531	23779	2.334	37496	12.7	Operation Not Recommended				
	10.5	3.7	8.6	29717	23859	2.264	37441	13.1					
	14.0	6.3	14.6	29904	23940	2.193	37386	13.6					
110	7.0	1.7	4.0	27641	22897	2.663	36728	10.4					
	10.5	3.7	8.5	27828	22977	2.592	36673	10.7					
	14.0	6.3	14.5	28014	23058	2.522	36619	11.1					
120	7.0	1.7	4.0	25222	22062	3.006	35480	8.4					
	10.5	3.6	8.4	25409	22142	2.936	35426	8.7					
	14.0	6.2	14.3	25595	22222	2.865	35371	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 207: WSNV048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					32192	2.861	22428	89	3.3
	12.0	3.7	8.5						33718	2.905	23805	89	3.4
	16.0	6.3	14.6						35245	2.949	25182	90	3.5
30	8.0	1.7	3.9	46620	32434	1.884	53048	24.7	34638	2.914	24696	90	3.5
	12.0	3.6	8.3	46952	32547	1.764	52972	26.6	36164	2.958	26072	91	3.6
	16.0	6.2	14.4	47285	32659	1.644	52896	28.8	37691	3.001	27449	92	3.7
40	8.0	1.6	3.8	52364	35796	2.139	59662	24.5	39838	3.033	29487	93	3.8
	12.0	3.5	8.1	52696	35909	2.019	59586	26.1	41365	3.077	30864	94	3.9
	16.0	6.1	14.0	53029	36021	1.900	59511	27.9	42891	3.121	32241	95	4.0
50	8.0	1.6	3.7	54189	36972	2.358	62235	23.0	45310	3.168	34499	96	4.2
	12.0	3.4	7.9	54522	37085	2.238	62159	24.4	46836	3.212	35876	97	4.3
	16.0	5.9	13.6	54855	37197	2.118	62083	25.9	48363	3.256	37253	98	4.4
60	8.0	1.5	3.6	53626	36811	2.571	62398	20.9	50870	3.312	39570	99	4.5
	12.0	3.3	7.7	53959	36924	2.451	62322	22.0	52396	3.356	40947	100	4.6
	16.0	5.8	13.3	54291	37036	2.331	62246	23.3	53923	3.399	42324	101	4.6
70	8.0	1.5	3.5	51847	35970	2.801	61406	18.5	56317	3.457	44520	102	4.8
	12.0	3.3	7.5	52180	36083	2.682	61330	19.5	57844	3.501	45897	103	4.8
	16.0	5.6	13.0	52513	36195	2.562	61254	20.5	59370	3.545	47274	104	4.9
80	8.0	1.5	3.4	49668	34910	3.068	60137	16.2	61434	3.599	49154	105	5.0
	12.0	3.2	7.4	50001	35023	2.948	60061	17.0	62961	3.643	50531	106	5.1
	16.0	5.5	12.7	50334	35135	2.829	59985	17.8	64487	3.687	51907	107	5.1
90	8.0	1.5	3.4	47547	33900	3.383	59090	14.1	65986	3.730	53257	108	5.2
	12.0	3.2	7.3	47880	34012	3.263	59015	14.7	67512	3.774	54634	109	5.2
	16.0	5.4	12.5	48213	34125	3.143	58939	15.3	69039	3.818	56010	110	5.3
100	8.0	1.4	3.3	45586	33012	3.752	58388	12.2	Operation Not Recommended				
	12.0	3.1	7.2	45919	33125	3.632	58313	12.6					
	16.0	5.4	12.4	46252	33237	3.512	58237	13.2					
110	8.0	1.4	3.3	43529	32128	4.175	57776	10.4					
	12.0	3.1	7.1	43862	32240	4.055	57700	10.8					
	16.0	5.3	12.2	44195	32353	3.936	57624	11.2					
120	8.0	1.4	3.3	40764	30932	4.647	56620	8.8					
	12.0	3.0	7.0	41096	31044	4.527	56544	9.1					
	16.0	5.3	12.1	41429	31157	4.407	56468	9.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 208: WSNV048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.7	3.9	Operation Not Recommended					21049	2.071	13982	84	3.0
	12.0	3.7	8.5						21891	2.075	14809	84	3.1
	16.0	6.3	14.6						22732	2.079	15636	85	3.2
30	8.0	1.7	3.9	37410	26497	1.099	41162	34.0	22977	2.082	15873	85	3.2
	12.0	3.6	8.3	37715	26598	1.026	41217	36.7	23818	2.086	16700	86	3.3
	16.0	6.2	14.4	38020	26700	0.953	41272	39.9	24660	2.091	17527	86	3.5
40	8.0	1.6	3.8	39506	28416	1.182	43541	33.4	27014	2.103	19838	88	3.8
	12.0	3.5	8.1	39811	28518	1.109	43596	35.9	27856	2.107	20665	88	3.9
	16.0	6.1	14.0	40116	28619	1.036	43651	38.7	28697	2.112	21492	89	4.0
50	8.0	1.6	3.7	40046	29224	1.320	44550	30.3	31196	2.123	23953	90	4.3
	12.0	3.4	7.9	40351	29326	1.247	44605	32.4	32037	2.127	24780	91	4.4
	16.0	5.9	13.6	40656	29427	1.174	44661	34.6	32878	2.131	25607	92	4.5
60	8.0	1.5	3.6	39463	29207	1.501	44584	26.3	35406	2.140	28103	93	4.8
	12.0	3.3	7.7	39767	29309	1.428	44639	27.9	36247	2.145	28929	94	5.0
	16.0	5.8	13.3	40072	29410	1.355	44694	29.6	37089	2.149	29756	94	5.1
70	8.0	1.5	3.5	38105	28611	1.717	43964	22.2	39528	2.156	32171	96	5.4
	12.0	3.3	7.5	38410	28712	1.644	44019	23.4	40369	2.160	32998	97	5.5
	16.0	5.6	13.0	38715	28814	1.571	44074	24.6	41211	2.165	33825	97	5.6
80	8.0	1.5	3.4	36244	27640	1.963	42942	18.5	43446	2.170	36043	99	5.9
	12.0	3.2	7.4	36549	27742	1.890	42997	19.3	44287	2.174	36870	99	6.0
	16.0	5.5	12.7	36853	27843	1.817	43052	20.3	45128	2.178	37697	100	6.1
90	8.0	1.5	3.4	34065	26458	2.237	41698	15.2	47043	2.180	39603	101	6.3
	12.0	3.2	7.3	34370	26560	2.164	41753	15.9	47884	2.185	40430	101	6.4
	16.0	5.4	12.5	34675	26661	2.091	41809	16.6	48725	2.189	41257	102	6.5
100	8.0	1.4	3.3	31675	25188	2.540	40341	12.5	Operation Not Recommended				
	12.0	3.1	7.2	31979	25289	2.467	40397	13.0					
	16.0	5.4	12.4	32284	25391	2.394	40452	13.5					
110	8.0	1.4	3.3	29097	23910	2.876	38910	10.1					
	12.0	3.1	7.1	29401	24012	2.803	38965	10.5					
	16.0	5.3	12.2	29706	24113	2.730	39020	10.9					
120	8.0	1.4	3.3	26273	22666	3.252	37370	8.1					
	12.0	3.0	7.0	26578	22768	3.179	37425	8.4					
	16.0	5.3	12.1	26882	22869	3.106	37480	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 209: WSNV060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.0	Operation Not Recommended					40780	3.760	27949	89	3.2
	15.0	5.8	13.3						42642	3.819	29609	90	3.3
	20.0	10.1	23.3						44504	3.879	31269	90	3.4
30	10.0	2.6	5.9	57039	40906	2.673	66161	21.3	44133	3.828	31071	90	3.4
	15.0	5.7	13.1	57555	41170	2.520	66153	22.8	45995	3.887	32731	91	3.5
	20.0	9.9	22.9	58072	41435	2.366	66146	24.5	47857	3.947	34391	92	3.6
40	10.0	2.5	5.8	64608	44786	2.896	74489	22.3	51276	3.988	37667	94	3.8
	15.0	5.5	12.7	65124	45050	2.743	74482	23.7	53138	4.048	39328	94	3.8
	20.0	9.7	22.3	65641	45315	2.589	74475	25.4	55001	4.107	40988	95	3.9
50	10.0	2.4	5.6	66510	46797	3.134	77203	21.2	58696	4.171	44463	97	4.1
	15.0	5.4	12.4	67026	47061	2.980	77196	22.5	60558	4.230	46123	98	4.2
	20.0	9.4	21.7	67543	47326	2.827	77189	23.9	62421	4.290	47784	99	4.3
60	10.0	2.4	5.5	65257	47321	3.399	76855	19.2	66027	4.365	51134	100	4.4
	15.0	5.2	12.1	65774	47585	3.245	76847	20.3	67889	4.424	52794	101	4.5
	20.0	9.2	21.2	66290	47850	3.092	76840	21.4	69752	4.483	54454	102	4.6
70	10.0	2.3	5.4	62705	46739	3.702	75338	16.9	72904	4.557	57354	103	4.7
	15.0	5.1	11.8	63222	47003	3.549	75331	17.8	74766	4.616	59014	104	4.7
	20.0	9.0	20.7	63738	47268	3.395	75323	18.8	76628	4.676	60674	105	4.8
80	10.0	2.3	5.3	60049	45433	4.056	73889	14.8	78959	4.736	62799	106	4.9
	15.0	5.0	11.6	60565	45698	3.903	73881	15.5	80822	4.795	64459	107	4.9
	20.0	8.8	20.3	61082	45962	3.749	73874	16.3	82684	4.855	66119	108	5.0
90	10.0	2.2	5.2	57827	43786	4.472	73084	12.9	83829	4.890	67144	108	5.0
	15.0	4.9	11.4	58343	44050	4.318	73077	13.5	85691	4.949	68804	109	5.1
	20.0	8.7	20.0	58860	44315	4.165	73070	14.1	87553	5.008	70464	110	5.1
100	10.0	2.2	5.1	55918	42177	4.961	72845	11.3	Operation Not Recommended				
	15.0	4.9	11.3	56434	42442	4.807	72838	11.7					
	20.0	8.6	19.7	56951	42706	4.654	72830	12.2					
110	10.0	2.2	5.0	53544	40990	5.535	72431	9.7					
	15.0	4.8	11.1	54060	41254	5.382	72424	10.0					
	20.0	8.5	19.5	54577	41519	5.228	72416	10.4					
120	10.0	2.2	5.0	49267	40605	6.207	70445	7.9					
	15.0	4.8	11.0	49784	40870	6.053	70438	8.2					
	20.0	8.4	19.3	50300	41134	5.900	70431	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 210: WSNV060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	2.6	6.0	Operation Not Recommended					28367	2.790	18846	85	3.0
	15.0	5.8	13.3						29509	2.802	19946	85	3.1
	20.0	10.1	23.3						30651	2.815	21047	86	3.2
30	10.0	2.6	5.9	44641	32321	1.615	50150	27.6	31263	2.808	21681	86	3.3
	15.0	5.7	13.1	44973	32392	1.516	50147	29.7	32405	2.820	22782	87	3.4
	20.0	9.9	22.9	45305	32463	1.418	50144	31.9	33547	2.832	23882	88	3.5
40	10.0	2.5	5.8	50393	36170	1.719	56258	29.3	37070	2.843	27370	89	3.8
	15.0	5.5	12.7	50725	36241	1.621	56255	31.3	38212	2.855	28470	90	3.9
	20.0	9.7	22.3	51057	36312	1.522	56251	33.5	39354	2.867	29571	91	4.0
50	10.0	2.4	5.6	51655	38121	1.885	58086	27.4	42787	2.876	32972	92	4.4
	15.0	5.4	12.4	51987	38192	1.786	58083	29.1	43929	2.889	34072	93	4.5
	20.0	9.4	21.7	52319	38263	1.688	58080	31.0	45071	2.901	35173	94	4.6
60	10.0	2.4	5.5	50347	38567	2.108	57539	23.9	48277	2.908	38354	95	4.9
	15.0	5.2	12.1	50679	38638	2.010	57536	25.2	49419	2.920	39455	96	5.0
	20.0	9.2	21.2	51011	38709	1.911	57533	26.7	50561	2.932	40555	97	5.1
70	10.0	2.3	5.4	47902	37900	2.384	56038	20.1	53406	2.938	43383	98	5.3
	15.0	5.1	11.8	48234	37971	2.286	56034	21.1	54548	2.950	44483	99	5.4
	20.0	9.0	20.7	48566	38042	2.188	56031	22.2	55690	2.962	45584	99	5.5
80	10.0	2.3	5.3	45270	36512	2.710	54515	16.7	58040	2.964	47925	100	5.7
	15.0	5.0	11.6	45602	36583	2.611	54512	17.5	59182	2.977	49025	101	5.8
	20.0	8.8	20.3	45934	36654	2.513	54509	18.3	60324	2.989	50126	102	5.9
90	10.0	2.2	5.2	42914	34795	3.079	53421	13.9	62043	2.988	51847	103	6.1
	15.0	4.9	11.4	43246	34867	2.981	53418	14.5	63185	3.000	52947	103	6.2
	20.0	8.7	20.0	43578	34938	2.883	53415	15.1	64327	3.012	54048	104	6.3
100	10.0	2.2	5.1	40812	33143	3.490	52719	11.7	Operation Not Recommended				
	15.0	4.9	11.3	41144	33214	3.391	52716	12.1					
	20.0	8.6	19.7	41476	33285	3.293	52713	12.6					
110	10.0	2.2	5.0	38459	31945	3.936	51888	9.8					
	15.0	4.8	11.1	38791	32017	3.837	51885	10.1					
	20.0	8.5	19.5	39123	32088	3.739	51882	10.5					
120	10.0	2.2	5.0	34862	31596	4.414	49922	7.9					
	15.0	4.8	11.0	35194	31667	4.315	49919	8.2					
	20.0	8.4	19.3	35526	31739	4.217	49915	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 211: WSTV024 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.0	2.4	Operation Not Recommended					15227	1.340	10656	88	3.3
	6.0	2.2	5.0						15614	1.346	11021	88	3.4
	8.0	3.7	8.6						16000	1.352	11386	88	3.5
30	4.0	1.0	2.3	27578	19647	1.094	31311	25.2	16406	1.358	11771	89	3.5
	6.0	2.2	5.0	27769	19672	1.046	31338	26.5	16793	1.365	12136	89	3.6
	8.0	3.7	8.5	27959	19696	0.998	31366	28.0	17179	1.371	12502	90	3.7
40	4.0	1.0	2.3	27775	19880	1.113	31573	25.0	19647	1.417	14811	93	4.1
	6.0	2.1	4.8	27965	19904	1.065	31600	26.2	20034	1.424	15176	93	4.1
	8.0	3.6	8.3	28156	19929	1.018	31628	27.7	20420	1.430	15541	93	4.2
50	4.0	1.0	2.2	27476	19649	1.160	31436	23.7	23202	1.486	18132	97	4.6
	6.0	2.0	4.7	27667	19673	1.113	31464	24.9	23588	1.492	18497	97	4.6
	8.0	3.5	8.0	27857	19698	1.065	31491	26.2	23974	1.498	18862	98	4.7
60	4.0	0.9	2.1	26784	19179	1.236	31002	21.7	26314	1.546	21039	100	5.0
	6.0	2.0	4.6	26974	19203	1.189	31030	22.7	26700	1.552	21404	101	5.0
	8.0	3.4	7.8	27165	19228	1.141	31058	23.8	27087	1.558	21769	101	5.1
70	4.0	0.9	2.1	25796	18635	1.342	30374	19.2	28554	1.587	23138	103	5.3
	6.0	1.9	4.5	25987	18660	1.294	30401	20.1	28941	1.593	23503	103	5.3
	8.0	3.3	7.7	26177	18684	1.246	30429	21.0	29327	1.600	23868	104	5.4
80	4.0	0.9	2.1	24615	18123	1.476	29653	16.7	29816	1.607	24333	104	5.4
	6.0	1.9	4.4	24806	18147	1.429	29680	17.4	30203	1.613	24699	105	5.5
	8.0	3.3	7.5	24996	18172	1.381	29708	18.1	30589	1.619	25064	105	5.5
90	4.0	0.9	2.0	23340	17688	1.642	28941	14.2	30319	1.609	24828	105	5.5
	6.0	1.9	4.3	23530	17713	1.594	28969	14.8	30706	1.616	25193	105	5.6
	8.0	3.2	7.4	23721	17737	1.546	28997	15.3	31092	1.622	25558	106	5.6
100	4.0	0.9	2.0	22071	17316	1.838	28341	12.0	Operation Not Recommended				
	6.0	1.9	4.3	22261	17341	1.790	28369	12.4					
	8.0	3.2	7.3	22452	17366	1.742	28397	12.9					
110	4.0	0.9	2.0	20909	16934	2.065	27955	10.1					
	6.0	1.8	4.2	21099	16959	2.017	27983	10.5					
	8.0	3.1	7.2	21290	16984	1.970	28011	10.8					
120	4.0	0.8	2.0	19953	16408	2.325	27885	8.6					
	6.0	1.8	4.2	20143	16432	2.277	27913	8.8					
	8.0	3.1	7.2	20334	16457	2.229	27941	9.1					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 212: WSTV024 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	4.0	1.0	2.4	Operation Not Recommended					10722	1.066	7084	84	2.9
	6.0	2.2	5.0						11217	1.066	7579	85	3.1
	8.0	3.7	8.6						11713	1.066	8074	85	3.2
30	4.0	1.0	2.3	20721	15715	0.700	23111	29.6	11779	1.067	8140	86	3.2
	6.0	2.2	5.0	20827	15735	0.671	23117	31.0	12274	1.067	8635	86	3.4
	8.0	3.7	8.5	20933	15755	0.642	23123	32.6	12769	1.067	9130	87	3.5
40	4.0	1.0	2.3	20830	15744	0.734	23336	28.4	14211	1.071	10558	89	3.9
	6.0	2.1	4.8	20936	15764	0.705	23342	29.7	14706	1.070	11054	89	4.0
	8.0	3.6	8.3	21042	15784	0.676	23348	31.1	15202	1.070	11549	90	4.2
50	4.0	1.0	2.2	20630	15673	0.769	23255	26.8	16786	1.076	13115	92	4.6
	6.0	2.0	4.7	20736	15693	0.740	23261	28.0	17281	1.076	13611	93	4.7
	8.0	3.5	8.0	20842	15713	0.711	23267	29.3	17776	1.076	14106	93	4.8
60	4.0	0.9	2.1	20158	15501	0.820	22955	24.6	19237	1.080	15553	95	5.2
	6.0	2.0	4.6	20264	15521	0.791	22961	25.6	19732	1.079	16049	96	5.4
	8.0	3.4	7.8	20370	15541	0.761	22968	26.8	20227	1.079	16544	97	5.5
70	4.0	0.9	2.1	19447	15230	0.898	22511	21.7	21380	1.080	17694	98	5.8
	6.0	1.9	4.5	19553	15250	0.869	22517	22.5	21876	1.080	18190	99	5.9
	8.0	3.3	7.7	19659	15270	0.839	22523	23.4	22371	1.080	18685	99	6.1
80	4.0	0.9	2.1	18533	14860	1.009	21976	18.4	23115	1.078	19438	100	6.3
	6.0	1.9	4.4	18639	14880	0.980	21982	19.0	23610	1.078	19933	101	6.4
	8.0	3.3	7.5	18745	14900	0.951	21988	19.7	24105	1.078	20429	102	6.6
90	4.0	0.9	2.0	17450	14390	1.154	21389	15.1	24421	1.073	20761	102	6.7
	6.0	1.9	4.3	17556	14410	1.125	21395	15.6	24916	1.073	21257	103	6.8
	8.0	3.2	7.4	17662	14430	1.096	21402	16.1	25411	1.072	21752	103	6.9
100	4.0	0.9	2.0	16234	13822	1.330	20771	12.2	Operation Not Recommended				
	6.0	1.9	4.3	16340	13842	1.301	20777	12.6					
	8.0	3.2	7.3	16445	13862	1.271	20784	12.9					
110	4.0	0.9	2.0	14918	13155	1.526	20126	9.8					
	6.0	1.8	4.2	15024	13175	1.497	20132	10.0					
	8.0	3.1	7.2	15130	13195	1.468	20138	10.3					
120	4.0	0.8	2.0	13538	12390	1.729	19440	7.8					
	6.0	1.8	4.2	13644	12410	1.700	19446	8.0					
	8.0	3.1	7.2	13750	12430	1.671	19452	8.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 213: WSTV030 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.3	Operation Not Recommended					18077	1.740	12140	87	3.0
	7.5	2.1	4.8						18946	1.754	12962	87	3.2
	10.0	3.6	8.3						19814	1.767	13784	88	3.3
30	5.0	1.0	2.2	32345	22738	1.410	37155	22.9	19763	1.772	13716	88	3.3
	7.5	2.1	4.8	32305	22649	1.348	36903	24.0	20632	1.786	14538	89	3.4
	10.0	3.5	8.2	32265	22561	1.285	36651	25.1	21500	1.800	15360	90	3.5
40	5.0	0.9	2.2	33772	23422	1.462	38762	23.1	23810	1.849	17500	92	3.8
	7.5	2.0	4.6	33732	23333	1.400	38510	24.1	24679	1.863	18321	93	3.9
	10.0	3.4	7.9	33692	23245	1.338	38258	25.2	25547	1.877	19143	93	4.0
50	5.0	0.9	2.1	34025	23714	1.536	39266	22.1	28071	1.930	21485	96	4.3
	7.5	2.0	4.5	33985	23625	1.474	39014	23.1	28939	1.944	22307	97	4.4
	10.0	3.4	7.7	33945	23537	1.412	38763	24.0	29808	1.958	23128	97	4.5
60	5.0	0.9	2.1	33553	23692	1.638	39140	20.5	31917	2.002	25087	99	4.7
	7.5	1.9	4.4	33513	23603	1.575	38888	21.3	32786	2.015	25909	100	4.8
	10.0	3.3	7.6	33473	23515	1.513	38637	22.1	33654	2.029	26731	101	4.9
70	5.0	0.9	2.0	32687	23434	1.773	38737	18.4	34946	2.056	27929	102	5.0
	7.5	1.9	4.3	32647	23346	1.711	38485	19.1	35814	2.070	28751	103	5.1
	10.0	3.2	7.4	32607	23258	1.649	38233	19.8	36683	2.084	29572	104	5.2
80	5.0	0.9	2.0	31637	23021	1.950	38290	16.2	36975	2.091	29841	104	5.2
	7.5	1.8	4.2	31597	22932	1.888	38038	16.7	37843	2.104	30663	105	5.3
	10.0	3.1	7.3	31557	22844	1.826	37786	17.3	38712	2.118	31484	106	5.4
90	5.0	0.8	1.9	30493	22529	2.174	37911	14.0	38048	2.106	30861	105	5.3
	7.5	1.8	4.2	30453	22440	2.112	37659	14.4	38916	2.120	31683	106	5.4
	10.0	3.1	7.1	30413	22352	2.050	37408	14.8	39785	2.134	32505	107	5.5
100	5.0	0.8	1.9	29225	22037	2.453	37595	11.9	Operation Not Recommended				
	7.5	1.8	4.1	29185	21949	2.391	37343	12.2					
	10.0	3.1	7.0	29146	21861	2.329	37091	12.5					
110	5.0	0.8	1.9	27684	21625	2.793	37213	9.9					
	7.5	1.8	4.1	27645	21537	2.730	36961	10.1					
	10.0	3.0	7.0	27605	21448	2.668	36709	10.3					
120	5.0	0.8	1.9	25601	21371	3.200	36520	8.0					
	7.5	1.7	4.0	25561	21282	3.138	36268	8.1					
	10.0	3.0	6.9	25522	21194	3.076	36016	8.3					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 214: WSTV030 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	5.0	1.0	2.3	Operation Not Recommended					14949	1.464	9952	85	3.0
	7.5	2.1	4.8						15468	1.463	10476	86	3.1
	10.0	3.6	8.3						15987	1.462	10999	86	3.2
30	5.0	1.0	2.2	23954	18051	0.852	26861	28.1	16438	1.467	11431	87	3.3
	7.5	2.1	4.8	24031	18033	0.802	26766	30.0	16957	1.466	11955	87	3.4
	10.0	3.5	8.2	24107	18015	0.752	26672	32.1	17476	1.464	12479	88	3.5
40	5.0	0.9	2.2	24734	18668	0.883	27748	28.0	19409	1.470	14391	90	3.9
	7.5	2.0	4.6	24811	18650	0.833	27654	29.8	19928	1.469	14915	90	4.0
	10.0	3.4	7.9	24887	18632	0.783	27559	31.8	20447	1.468	15439	91	4.1
50	5.0	0.9	2.1	24943	19049	0.935	28135	26.7	22295	1.470	17278	93	4.4
	7.5	2.0	4.5	25020	19031	0.885	28041	28.3	22814	1.469	17802	93	4.6
	10.0	3.4	7.7	25096	19013	0.835	27946	30.0	23333	1.467	18326	94	4.7
60	5.0	0.9	2.1	24702	19198	1.014	28162	24.4	25009	1.467	20003	96	5.0
	7.5	1.9	4.4	24779	19179	0.964	28068	25.7	25528	1.466	20527	96	5.1
	10.0	3.3	7.6	24856	19161	0.914	27974	27.2	26047	1.464	21050	97	5.2
70	5.0	0.9	2.0	24110	19125	1.125	27948	21.4	27463	1.461	22476	98	5.5
	7.5	1.9	4.3	24186	19107	1.075	27854	22.5	27982	1.460	23000	99	5.6
	10.0	3.2	7.4	24263	19089	1.025	27760	23.7	28501	1.459	23524	99	5.7
80	5.0	0.9	2.0	23241	18855	1.274	27587	18.2	29570	1.454	24610	100	6.0
	7.5	1.8	4.2	23317	18837	1.224	27493	19.1	30089	1.452	25134	101	6.1
	10.0	3.1	7.3	23394	18819	1.174	27398	19.9	30608	1.451	25658	101	6.2
90	5.0	0.8	1.9	22147	18418	1.466	27150	15.1	31242	1.444	26315	102	6.3
	7.5	1.8	4.2	22224	18400	1.416	27055	15.7	31761	1.442	26839	102	6.5
	10.0	3.1	7.1	22300	18382	1.366	26961	16.3	32280	1.441	27363	103	6.6
100	5.0	0.8	1.9	20857	17857	1.708	26685	12.2	Operation Not Recommended				
	7.5	1.8	4.1	20934	17839	1.658	26591	12.6					
	10.0	3.1	7.0	21011	17821	1.608	26497	13.1					
110	5.0	0.8	1.9	19377	17223	2.005	26219	9.7					
	7.5	1.8	4.1	19454	17204	1.955	26125	10.0					
	10.0	3.0	7.0	19531	17186	1.905	26030	10.3					
120	5.0	0.8	1.9	17690	16576	2.363	25753	7.5					
	7.5	1.7	4.0	17767	16558	2.313	25659	7.7					
	10.0	3.0	6.9	17844	16540	2.263	25564	7.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 215: WSTV036 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.2	2.8	Operation Not Recommended					22416	2.212	14868	87	3.0
	9.0	2.5	5.8						23460	2.234	15838	88	3.1
	12.0	4.2	9.6						24504	2.256	16808	89	3.2
30	6.0	1.2	2.8	41928	28876	1.500	47044	28.0	24377	2.247	16710	89	3.2
	9.0	2.5	5.7	41963	28897	1.426	46830	29.4	25421	2.269	17679	89	3.3
	12.0	4.1	9.5	41999	28917	1.353	46615	31.0	26465	2.291	18649	90	3.4
40	6.0	1.2	2.7	42144	29088	1.590	47569	26.5	28584	2.324	20653	92	3.6
	9.0	2.4	5.5	42179	29109	1.517	47354	27.8	29629	2.346	21623	93	3.7
	12.0	4.0	9.2	42215	29129	1.443	47140	29.3	30673	2.368	22593	94	3.8
50	6.0	1.1	2.6	41971	29126	1.661	47639	25.3	32986	2.408	24772	95	4.0
	9.0	2.3	5.4	42007	29147	1.588	47424	26.5	34030	2.429	25741	96	4.1
	12.0	3.9	8.9	42043	29168	1.514	47209	27.8	35075	2.451	26711	97	4.2
60	6.0	1.1	2.6	41392	28974	1.750	47364	23.7	37358	2.491	28857	99	4.4
	9.0	2.3	5.2	41428	28994	1.677	47149	24.7	38402	2.513	29826	99	4.5
	12.0	3.8	8.7	41464	29015	1.603	46935	25.9	39446	2.535	30796	100	4.6
70	6.0	1.1	2.5	40390	28613	1.895	46856	21.3	41474	2.571	32700	102	4.7
	9.0	2.2	5.1	40426	28634	1.822	46642	22.2	42518	2.593	33670	103	4.8
	12.0	3.7	8.5	40462	28654	1.748	46427	23.1	43562	2.615	34640	103	4.9
80	6.0	1.1	2.5	38947	28027	2.134	46227	18.3	45109	2.642	36094	105	5.0
	9.0	2.2	5.0	38983	28048	2.060	46012	18.9	46153	2.664	37064	105	5.1
	12.0	3.6	8.4	39018	28069	1.987	45797	19.6	47198	2.686	38034	106	5.2
90	6.0	1.0	2.4	37045	27200	2.503	45586	14.8	48040	2.699	38831	107	5.2
	9.0	2.1	4.9	37081	27220	2.430	45371	15.3	49084	2.721	39801	108	5.3
	12.0	3.6	8.2	37116	27241	2.356	45156	15.8	50128	2.743	40770	108	5.4
100	6.0	1.0	2.4	34666	26113	3.042	45045	11.4	Operation Not Recommended				
	9.0	2.1	4.9	34702	26134	2.968	44830	11.7					
	12.0	3.5	8.1	34738	26154	2.895	44615	12.0					
110	6.0	1.0	2.4	31794	24750	3.787	44714	8.4					
	9.0	2.1	4.8	31830	24771	3.713	44500	8.6					
	12.0	3.5	8.0	31865	24791	3.640	44285	8.8					
120	6.0	1.0	2.3	28410	23094	4.776	44706	5.9					
	9.0	2.1	4.8	28446	23114	4.702	44491	6.0					
	12.0	3.5	8.0	28482	23135	4.629	44276	6.2					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 216: WSTV036 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	6.0	1.2	2.8	Operation Not Recommended					16551	1.645	10938	84	2.9
	9.0	2.5	5.8						17233	1.643	11628	84	3.1
	12.0	4.2	9.6						17915	1.640	12318	85	3.2
30	6.0	1.2	2.8	31066	23752	0.972	34384	32.0	18039	1.645	12426	85	3.2
	9.0	2.5	5.7	31288	23804	0.923	34438	33.9	18721	1.643	13116	86	3.3
	12.0	4.1	9.5	31511	23856	0.874	34493	36.1	19403	1.640	13806	86	3.5
40	6.0	1.2	2.7	31247	24135	1.080	34933	28.9	21142	1.646	15527	88	3.8
	9.0	2.4	5.5	31470	24187	1.031	34987	30.5	21825	1.643	16217	88	3.9
	12.0	4.0	9.2	31692	24239	0.982	35042	32.3	22507	1.641	16907	89	4.0
50	6.0	1.1	2.6	31016	24268	1.111	34807	27.9	24326	1.647	18707	90	4.3
	9.0	2.3	5.4	31238	24320	1.062	34861	29.4	25008	1.645	19397	91	4.5
	12.0	3.9	8.9	31461	24372	1.013	34916	31.1	25690	1.642	20087	91	4.6
60	6.0	1.1	2.6	30411	24171	1.156	34355	26.3	27484	1.648	21862	93	4.9
	9.0	2.3	5.2	30633	24223	1.107	34410	27.7	28166	1.645	22552	94	5.0
	12.0	3.8	8.7	30855	24275	1.058	34465	29.2	28848	1.643	23242	94	5.1
70	6.0	1.1	2.5	29469	23867	1.275	33821	23.1	30511	1.647	24889	96	5.4
	9.0	2.2	5.1	29692	23919	1.226	33876	24.2	31193	1.645	25580	96	5.6
	12.0	3.7	8.5	29914	23971	1.177	33931	25.4	31875	1.643	26270	97	5.7
80	6.0	1.1	2.5	28231	23378	1.497	33338	18.9	33301	1.646	27685	98	5.9
	9.0	2.2	5.0	28453	23430	1.448	33393	19.7	33983	1.643	28375	98	6.1
	12.0	3.6	8.4	28676	23482	1.399	33448	20.5	34665	1.641	29065	99	6.2
90	6.0	1.0	2.4	26734	22725	1.816	32931	14.7	35747	1.642	30145	100	6.4
	9.0	2.1	4.9	26956	22777	1.767	32986	15.3	36429	1.640	30835	100	6.5
	12.0	3.6	8.2	27178	22829	1.718	33041	15.8	37112	1.637	31525	101	6.6
100	6.0	1.0	2.4	25016	21930	2.199	32518	11.4	Operation Not Recommended				
	9.0	2.1	4.9	25238	21982	2.150	32573	11.7					
	12.0	3.5	8.1	25461	22034	2.100	32628	12.1					
110	6.0	1.0	2.4	23116	21014	2.576	31907	9.0					
	9.0	2.1	4.8	23339	21066	2.527	31962	9.2					
	12.0	3.5	8.0	23561	21118	2.478	32017	9.5					
120	6.0	1.0	2.3	21073	20001	2.851	30800	7.4					
	9.0	2.1	4.8	21296	20053	2.801	30854	7.6					
	12.0	3.5	8.0	21518	20105	2.752	30909	7.8					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 217: WSTV042 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.4	3.2	Operation Not Recommended					20577	2.036	13629	84	3.0
	10.5	3.0	6.9						21961	2.070	14897	85	3.1
	14.0	5.2	11.9						23345	2.104	16165	86	3.3
30	7.0	1.4	3.2	48196	31385	2.034	55138	23.7	25495	2.295	17665	87	3.3
	10.5	3.0	6.8	48474	31483	1.943	55102	25.0	26879	2.329	18934	88	3.4
	14.0	5.1	11.8	48751	31580	1.851	55067	26.3	28263	2.363	20202	89	3.5
40	7.0	1.3	3.1	48353	31818	2.191	55828	22.1	33962	2.684	24803	93	3.7
	10.5	2.9	6.6	48631	31916	2.099	55792	23.2	35346	2.718	26071	94	3.8
	14.0	5.0	11.4	48908	32013	2.007	55756	24.4	36730	2.752	27339	95	3.9
50	7.0	1.3	3.0	47867	31947	2.286	55666	20.9	40795	2.933	30787	97	4.1
	10.5	2.8	6.5	48144	32045	2.194	55630	21.9	42179	2.967	32055	98	4.2
	14.0	4.8	11.1	48422	32142	2.102	55595	23.0	43563	3.001	33323	99	4.3
60	7.0	1.3	2.9	46864	31817	2.371	54954	19.8	46223	3.075	35729	101	4.4
	10.5	2.7	6.3	47141	31914	2.279	54918	20.7	47607	3.109	36998	102	4.5
	14.0	4.7	10.9	47419	32012	2.187	54883	21.7	48991	3.143	38266	103	4.6
70	7.0	1.2	2.9	45469	31472	2.489	53963	18.3	50474	3.145	39743	104	4.7
	10.5	2.7	6.2	45747	31570	2.398	53928	19.1	51858	3.179	41011	105	4.8
	14.0	4.6	10.6	46024	31667	2.306	53892	20.0	53242	3.213	42279	106	4.9
80	7.0	1.2	2.8	43810	30960	2.675	52938	16.4	53780	3.177	42940	106	5.0
	10.5	2.6	6.1	44088	31058	2.583	52903	17.1	55164	3.211	44208	107	5.0
	14.0	4.5	10.4	44365	31155	2.492	52867	17.8	56548	3.245	45476	108	5.1
90	7.0	1.2	2.8	42013	30326	2.954	52094	14.2	56368	3.205	45433	108	5.2
	10.5	2.6	6.0	42290	30424	2.863	52058	14.8	57752	3.239	46701	109	5.2
	14.0	4.4	10.3	42568	30521	2.771	52022	15.4	59136	3.273	47969	110	5.3
100	7.0	1.2	2.7	40203	29615	3.345	51615	12.0	Operation Not Recommended				
	10.5	2.5	5.9	40480	29712	3.253	51579	12.4					
	14.0	4.4	10.1	40758	29810	3.161	51543	12.9					
110	7.0	1.2	2.7	38506	28872	3.855	51659	10.0					
	10.5	2.5	5.8	38784	28970	3.763	51624	10.3					
	14.0	4.3	10.0	39062	29067	3.671	51588	10.6					
120	7.0	1.2	2.7	37050	28144	4.486	52355	8.3					
	10.5	2.5	5.8	37328	28242	4.394	52320	8.5					
	14.0	4.3	9.9	37605	28339	4.302	52284	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 218: WSTV042 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	7.0	1.4	3.2	Operation Not Recommended					19971	1.929	13390	85	3.0
	10.5	3.0	6.9						20835	1.931	14247	85	3.2
	14.0	5.2	11.9						21699	1.932	15105	86	3.3
30	7.0	1.4	3.2	35798	25002	1.214	39940	29.5	21686	1.940	15066	86	3.3
	10.5	3.0	6.8	36103	25143	1.158	40055	31.2	22550	1.942	15924	87	3.4
	14.0	5.1	11.8	36408	25284	1.102	40169	33.0	23414	1.944	16781	87	3.5
40	7.0	1.3	3.1	36277	25824	1.346	40869	27.0	25432	1.960	18745	89	3.8
	10.5	2.9	6.6	36582	25965	1.290	40983	28.4	26296	1.961	19603	89	3.9
	14.0	5.0	11.4	36887	26107	1.234	41098	29.9	27159	1.963	20461	90	4.1
50	7.0	1.3	3.0	36090	26120	1.418	40930	25.4	29418	1.975	22680	92	4.4
	10.5	2.8	6.5	36395	26261	1.363	41044	26.7	30281	1.976	23538	92	4.5
	14.0	4.8	11.1	36700	26403	1.307	41158	28.1	31145	1.978	24396	93	4.6
60	7.0	1.3	2.9	35353	25999	1.488	40429	23.8	33426	1.985	26651	95	4.9
	10.5	2.7	6.3	35658	26141	1.432	40543	24.9	34289	1.987	27509	95	5.1
	14.0	4.7	10.9	35963	26282	1.376	40658	26.1	35153	1.989	28367	96	5.2
70	7.0	1.2	2.9	34183	25572	1.593	39619	21.5	37239	1.992	30441	97	5.5
	10.5	2.7	6.2	34489	25714	1.537	39733	22.4	38102	1.994	31299	98	5.6
	14.0	4.6	10.6	34794	25855	1.481	39848	23.5	38966	1.996	32157	99	5.7
80	7.0	1.2	2.8	32698	24949	1.758	38697	18.6	40640	1.995	33831	100	6.0
	10.5	2.6	6.1	33004	25090	1.702	38812	19.4	41503	1.997	34689	101	6.1
	14.0	4.5	10.4	33309	25232	1.646	38926	20.2	42367	1.999	35547	101	6.2
90	7.0	1.2	2.8	31015	24239	1.991	37807	15.6	43411	1.995	36604	102	6.4
	10.5	2.6	6.0	31320	24381	1.935	37922	16.2	44275	1.997	37462	103	6.5
	14.0	4.4	10.3	31625	24522	1.879	38036	16.8	45138	1.998	38319	103	6.6
100	7.0	1.2	2.7	29250	23554	2.282	37037	12.8	Operation Not Recommended				
	10.5	2.5	5.9	29555	23695	2.226	37152	13.3					
	14.0	4.4	10.1	29861	23836	2.170	37266	13.8					
110	7.0	1.2	2.7	27521	23002	2.608	36421	10.6					
	10.5	2.5	5.8	27826	23143	2.553	36535	10.9					
	14.0	4.3	10.0	28131	23284	2.497	36650	11.3					
120	7.0	1.2	2.7	25944	22693	2.929	35939	8.9					
	10.5	2.5	5.8	26249	22835	2.873	36053	9.1					
	14.0	4.3	9.9	26554	22976	2.817	36168	9.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 219: WSTV048 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.2	2.8	Operation Not Recommended					31426	2.919	21466	89	3.2
	12.0	2.6	6.0						33259	2.959	23162	90	3.3
	16.0	4.5	10.3						35091	2.999	24857	91	3.4
30	8.0	1.2	2.8	53995	37831	2.208	61530	24.5	33854	2.964	23740	90	3.3
	12.0	2.6	5.9	54122	37922	2.106	61308	25.7	35687	3.004	25435	91	3.5
	16.0	4.4	10.1	54250	38013	2.003	61086	27.1	37519	3.045	27130	92	3.6
40	8.0	1.2	2.7	54780	38162	2.314	62675	23.7	39501	3.073	29015	94	3.8
	12.0	2.5	5.8	54908	38253	2.211	62453	24.8	41334	3.114	30710	95	3.9
	16.0	4.3	9.8	55035	38344	2.109	62231	26.1	43167	3.154	32406	96	4.0
50	8.0	1.1	2.7	54691	38157	2.448	63045	22.3	45913	3.201	34990	98	4.2
	12.0	2.4	5.6	54818	38248	2.346	62823	23.4	47746	3.242	36685	99	4.3
	16.0	4.1	9.6	54946	38339	2.244	62601	24.5	49578	3.282	38380	100	4.4
60	8.0	1.1	2.6	53940	37866	2.621	62883	20.6	52740	3.342	41338	102	4.6
	12.0	2.4	5.5	54067	37957	2.519	62661	21.5	54573	3.382	43033	103	4.7
	16.0	4.1	9.3	54194	38048	2.416	62439	22.4	56405	3.422	44729	104	4.8
70	8.0	1.1	2.5	52697	37337	2.841	62390	18.6	59633	3.487	47735	106	5.0
	12.0	2.3	5.4	52825	37428	2.738	62168	19.3	61466	3.527	49430	107	5.1
	16.0	4.0	9.1	52952	37519	2.636	61946	20.1	63299	3.568	51125	108	5.2
80	8.0	1.1	2.5	51092	36621	3.116	61724	16.4	66244	3.631	53853	110	5.3
	12.0	2.3	5.3	51219	36712	3.014	61502	17.0	68077	3.672	55549	111	5.4
	16.0	3.9	9.0	51347	36803	2.911	61280	17.6	69909	3.712	57244	112	5.5
90	8.0	1.1	2.4	49209	35765	3.456	61002	14.2	72223	3.767	59369	113	5.6
	12.0	2.2	5.2	49336	35856	3.354	60780	14.7	74056	3.807	61064	114	5.7
	16.0	3.8	8.8	49464	35947	3.252	60558	15.2	75888	3.848	62759	115	5.8
100	8.0	1.0	2.4	47091	34821	3.870	60297	12.2	Operation Not Recommended				
	12.0	2.2	5.1	47218	34912	3.768	60075	12.5					
	16.0	3.8	8.7	47345	35003	3.666	59853	12.9					
110	8.0	1.0	2.4	44737	33837	4.367	59638	10.2					
	12.0	2.2	5.1	44864	33928	4.265	59416	10.5					
	16.0	3.7	8.6	44992	34019	4.162	59194	10.8					
120	8.0	1.0	2.4	42105	32862	4.955	59014	8.5					
	12.0	2.2	5.0	42233	32953	4.853	58792	8.7					
	16.0	3.7	8.5	42360	33044	4.751	58570	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 220: WSTV048 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	8.0	1.2	2.8	Operation Not Recommended					21527	2.091	14393	84	3.0
	12.0	2.6	6.0						22377	2.091	15244	85	3.1
	16.0	4.5	10.3						23227	2.090	16094	86	3.3
30	8.0	1.2	2.8	39663	29427	1.310	44131	30.3	23582	2.094	16437	86	3.3
	12.0	2.6	5.9	39727	29680	1.256	44013	31.6	24432	2.094	17288	86	3.4
	16.0	4.4	10.1	39792	29933	1.203	43895	33.1	25282	2.094	18138	87	3.5
40	8.0	1.2	2.7	39693	30098	1.352	44305	29.4	27872	2.102	20698	89	3.9
	12.0	2.5	5.8	39758	30351	1.298	44187	30.6	28722	2.102	21549	89	4.0
	16.0	4.3	9.8	39822	30604	1.245	44069	32.0	29571	2.102	22399	90	4.1
50	8.0	1.1	2.7	40397	30332	1.432	45283	28.2	32317	2.112	25109	92	4.5
	12.0	2.4	5.6	40461	30585	1.378	45165	29.4	33166	2.112	25959	92	4.6
	16.0	4.1	9.6	40526	30838	1.325	45047	30.6	34016	2.112	26810	93	4.7
60	8.0	1.1	2.6	40181	30246	1.556	45490	25.8	36813	2.122	29572	95	5.1
	12.0	2.4	5.5	40245	30499	1.502	45372	26.8	37663	2.122	30423	95	5.2
	16.0	4.1	9.3	40310	30752	1.449	45254	27.8	38513	2.122	31274	96	5.3
70	8.0	1.1	2.5	38834	29924	1.727	44728	22.5	41259	2.130	33991	98	5.7
	12.0	2.3	5.4	38898	30177	1.674	44610	23.2	42109	2.130	34842	98	5.8
	16.0	4.0	9.1	38963	30430	1.620	44492	24.0	42959	2.130	35692	99	5.9
80	8.0	1.1	2.5	36927	29417	1.950	43579	18.9	45552	2.135	38268	101	6.3
	12.0	2.3	5.3	36992	29670	1.896	43461	19.5	46402	2.135	39118	101	6.4
	16.0	3.9	9.0	37056	29923	1.843	43343	20.1	47252	2.134	39969	102	6.5
90	8.0	1.1	2.4	35219	28740	2.224	42807	15.8	49589	2.135	42305	103	6.8
	12.0	2.2	5.2	35283	28993	2.170	42688	16.3	50439	2.134	43156	104	6.9
	16.0	3.8	8.8	35348	29246	2.117	42570	16.7	51288	2.134	44006	104	7.0
100	8.0	1.0	2.4	34054	27878	2.551	42757	13.4	Operation Not Recommended				
	12.0	2.2	5.1	34119	28131	2.497	42639	13.7					
	16.0	3.8	8.7	34183	28385	2.444	42521	14.0					
110	8.0	1.0	2.4	32772	26781	2.929	42767	11.2					
	12.0	2.2	5.1	32837	27034	2.876	42649	11.4					
	16.0	3.7	8.6	32901	27287	2.822	42531	11.7					
120	8.0	1.0	2.4	29105	25363	3.358	40561	8.7					
	12.0	2.2	5.0	29169	25616	3.304	40443	8.8					
	16.0	3.7	8.5	29234	25869	3.251	40325	9.0					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 221: WSTV060 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.5	3.4	Operation Not Recommended					41178	3.585	28945	90	3.4
	15.0	3.0	6.9						43407	3.638	30995	91	3.5
	20.0	5.0	11.4						45636	3.690	33046	92	3.6
30	10.0	1.4	3.3	68834	46908	2.708	78074	25.4	44500	3.648	32051	91	3.6
	15.0	2.9	6.8	69022	46988	2.586	77845	26.7	46728	3.701	34101	92	3.7
	20.0	4.9	11.3	69210	47068	2.463	77616	28.1	48957	3.753	36152	93	3.8
40	10.0	1.4	3.2	69473	47927	2.873	79275	24.2	51710	3.796	38758	95	4.0
	15.0	2.8	6.6	69661	48007	2.750	79046	25.3	53939	3.848	40808	96	4.1
	20.0	4.7	10.9	69849	48087	2.628	78816	26.6	56168	3.900	42859	97	4.2
50	10.0	1.4	3.1	68815	47768	3.041	79190	22.6	59440	3.966	45909	98	4.4
	15.0	2.8	6.4	69003	47848	2.918	78961	23.6	61669	4.018	47959	100	4.5
	20.0	4.6	10.6	69191	47928	2.796	78732	24.7	63898	4.070	50010	101	4.6
60	10.0	1.3	3.0	67125	46901	3.235	78162	20.8	67406	4.150	53245	102	4.8
	15.0	2.7	6.2	67312	46981	3.113	77933	21.6	69634	4.202	55295	103	4.9
	20.0	4.5	10.4	67500	47061	2.990	77703	22.6	71863	4.255	57346	104	5.0
70	10.0	1.3	3.0	64666	45684	3.476	76525	18.6	75323	4.342	60508	106	5.1
	15.0	2.6	6.1	64854	45765	3.353	76296	19.3	77552	4.394	62558	107	5.2
	20.0	4.4	10.2	65041	45845	3.231	76067	20.1	79781	4.447	64608	108	5.3
80	10.0	1.3	2.9	61704	44363	3.782	74607	16.3	82908	4.534	67438	110	5.4
	15.0	2.6	6.0	61891	44444	3.659	74377	16.9	85136	4.586	69488	111	5.4
	20.0	4.3	10.0	62079	44524	3.537	74148	17.6	87365	4.638	71539	112	5.5
90	10.0	1.2	2.9	58502	43071	4.169	72726	14.0	89875	4.718	73777	113	5.6
	15.0	2.6	5.9	58690	43151	4.046	72497	14.5	92104	4.770	75827	114	5.7
	20.0	4.3	9.8	58878	43231	3.924	72268	15.0	94333	4.823	77878	115	5.7
100	10.0	1.2	2.8	55327	41827	4.651	71195	11.9	Operation Not Recommended				
	15.0	2.5	5.8	55514	41907	4.528	70966	12.3					
	20.0	4.2	9.7	55702	41987	4.406	70736	12.6					
110	10.0	1.2	2.8	52441	40539	5.239	70317	10.0					
	15.0	2.5	5.8	52629	40620	5.117	70088	10.3					
	20.0	4.2	9.6	52816	40700	4.995	69859	10.6					
120	10.0	1.2	2.8	50110	39004	5.943	70389	8.4					
	15.0	2.5	5.7	50298	39084	5.821	70160	8.6					
	20.0	4.1	9.5	50485	39164	5.699	69931	8.9					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 222: WSTV060 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	10.0	1.5	3.4	Operation Not Recommended					27562	2.587	18734	85	3.1
	15.0	3.0	6.9						28639	2.588	19808	85	3.2
	20.0	5.0	11.4						29715	2.589	20881	86	3.4
30	10.0	1.4	3.3	50765	38191	1.524	55966	33.3	30482	2.608	21585	86	3.4
	15.0	2.9	6.8	51051	38246	1.451	56001	35.2	31559	2.609	22658	87	3.5
	20.0	4.9	11.3	51337	38300	1.377	56035	37.3	32636	2.610	23732	88	3.7
40	10.0	1.4	3.2	51729	39440	1.638	57317	31.6	36566	2.648	27529	90	4.0
	15.0	2.8	6.6	52015	39495	1.564	57351	33.3	37643	2.649	28602	90	4.2
	20.0	4.7	10.9	52301	39549	1.490	57386	35.1	38719	2.650	29676	91	4.3
50	10.0	1.4	3.1	51484	39599	1.787	57580	28.8	42808	2.688	33636	93	4.7
	15.0	2.8	6.4	51770	39654	1.713	57615	30.2	43885	2.689	34710	94	4.8
	20.0	4.6	10.6	52056	39708	1.639	57649	31.8	44961	2.690	35783	94	4.9
60	10.0	1.3	3.0	50330	39095	1.974	57064	25.5	49009	2.724	39713	96	5.3
	15.0	2.7	6.2	50616	39149	1.900	57098	26.6	50086	2.725	40786	97	5.4
	20.0	4.5	10.4	50902	39204	1.826	57133	27.9	51163	2.726	41860	97	5.5
70	10.0	1.3	3.0	48512	38234	2.202	56026	22.0	54970	2.756	45565	100	5.8
	15.0	2.6	6.1	48798	38289	2.128	56061	22.9	56047	2.757	46639	100	6.0
	20.0	4.4	10.2	49084	38344	2.055	56095	23.9	57123	2.758	47712	101	6.1
80	10.0	1.3	2.9	46223	37207	2.477	54674	18.7	60491	2.781	51000	102	6.4
	15.0	2.6	6.0	46509	37262	2.403	54708	19.4	61567	2.782	52074	103	6.5
	20.0	4.3	10.0	46794	37316	2.329	54743	20.1	62644	2.783	53147	104	6.6
90	10.0	1.2	2.9	43600	36083	2.803	53165	15.6	65372	2.798	55824	105	6.8
	15.0	2.6	5.9	43886	36138	2.729	53199	16.1	66449	2.799	56897	106	7.0
	20.0	4.3	9.8	44172	36192	2.656	53233	16.6	67526	2.800	57970	106	7.1
100	10.0	1.2	2.8	40729	34813	3.187	51605	12.8	Operation Not Recommended				
	15.0	2.5	5.8	41015	34868	3.114	51639	13.2					
	20.0	4.2	9.7	41301	34923	3.040	51674	13.6					
110	10.0	1.2	2.8	37641	33230	3.637	50051	10.3					
	15.0	2.5	5.8	37926	33285	3.563	50086	10.6					
	20.0	4.2	9.6	38212	33339	3.490	50120	10.9					
120	10.0	1.2	2.8	34312	31047	4.161	48510	8.2					
	15.0	2.5	5.7	34598	31101	4.087	48544	8.5					
	20.0	4.1	9.5	34883	31156	4.014	48578	8.7					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 223: WSTV070 Capacity Data - EC Motor, Full Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.3	2.9	Operation Not Recommended					48397	4.392	33413	89	3.2
	18.0	2.7	6.3						52374	4.491	37052	91	3.4
	24.0	4.6	10.7						56352	4.590	40692	92	3.6
30	12.0	1.3	2.9	76386	52780	3.195	87289	23.9	52216	4.464	36983	91	3.4
	18.0	2.7	6.2	76453	52569	3.055	86878	25.0	56193	4.563	40623	92	3.6
	24.0	4.6	10.5	76520	52359	2.915	86467	26.2	60171	4.662	44262	94	3.8
40	12.0	1.2	2.8	78010	54124	3.381	89548	23.1	60091	4.632	44286	94	3.8
	18.0	2.6	6.0	78077	53914	3.241	89137	24.1	64068	4.731	47925	96	4.0
	24.0	4.4	10.2	78143	53703	3.101	88726	25.2	68046	4.830	51565	97	4.1
50	12.0	1.2	2.7	78273	54609	3.620	90624	21.6	68149	4.823	51691	97	4.1
	18.0	2.5	5.8	78340	54398	3.480	90213	22.5	72126	4.922	55331	99	4.3
	24.0	4.3	9.9	78407	54188	3.340	89802	23.5	76103	5.021	58970	100	4.4
60	12.0	1.2	2.7	77368	54373	3.905	90694	19.8	76229	5.030	59064	100	4.4
	18.0	2.5	5.7	77435	54162	3.765	90283	20.6	80206	5.129	62704	102	4.6
	24.0	4.2	9.7	77502	53952	3.626	89872	21.4	84183	5.228	66344	104	4.7
70	12.0	1.1	2.6	75486	53555	4.242	89959	17.8	84172	5.246	66272	104	4.7
	18.0	2.4	5.6	75553	53344	4.102	89548	18.4	88149	5.345	69911	105	4.8
	24.0	4.1	9.5	75620	53134	3.962	89138	19.1	92126	5.444	73551	107	5.0
80	12.0	1.1	2.6	72819	52294	4.638	88644	15.7	91818	5.463	73178	107	4.9
	18.0	2.4	5.5	72886	52083	4.498	88233	16.2	95795	5.562	76818	108	5.0
	24.0	4.0	9.3	72953	51872	4.358	87822	16.7	99772	5.661	80457	110	5.2
90	12.0	1.1	2.5	69559	50728	5.110	86996	13.6	99006	5.673	79650	109	5.1
	18.0	2.3	5.4	69626	50517	4.970	86585	14.0	102983	5.772	83289	111	5.2
	24.0	4.0	9.2	69693	50307	4.830	86174	14.4	106960	5.871	86929	113	5.3
100	12.0	1.1	2.5	65898	48996	5.683	85288	11.6	Operation Not Recommended				
	18.0	2.3	5.3	65965	48786	5.543	84877	11.9					
	24.0	3.9	9.0	66032	48575	5.403	84466	12.2					
110	12.0	1.1	2.5	62027	47237	6.386	83816	9.7					
	18.0	2.3	5.2	62094	47027	6.246	83405	9.9					
	24.0	3.9	8.9	62160	46816	6.106	82994	10.2					
120	12.0	1.1	2.4	58138	45590	7.257	82899	8.0					
	18.0	2.2	5.2	58204	45380	7.117	82488	8.2					
	24.0	3.8	8.9	58271	45169	6.977	82077	8.4					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Table 224: WSTV070 Capacity Data - EC Motor, Part Load

EWT (°F)	GPM	WPD		Cooling - EAT 80/67°F					Heating - EAT 70°F				
		PSI	ft of W.C.	Total (Btu/h)	Sensible (Btu/h)	Power Input (kW)	THR (Btu/h)	EER	Total (Btu/h)	Power Input (kW)	THA (Btu/h)	LAT (°F)	COP
25	12.0	1.3	2.9	Operation Not Recommended					33396	3.306	22115	84	3.0
	18.0	2.7	6.3						35764	3.313	24458	85	3.2
	24.0	4.6	10.7						38131	3.321	26801	86	3.4
30	12.0	1.3	2.9	56373	42786	1.878	62783	30.0	36278	3.327	24926	86	3.2
	18.0	2.7	6.2	56465	42672	1.779	62537	31.7	38645	3.334	27269	87	3.4
	24.0	4.6	10.5	56557	42557	1.680	62291	33.7	41012	3.341	29611	88	3.6
40	12.0	1.2	2.8	58933	45102	1.941	65555	30.4	42604	3.379	31075	88	3.7
	18.0	2.6	6.0	59025	44987	1.842	65309	32.0	44972	3.386	33418	89	3.9
	24.0	4.4	10.2	59116	44872	1.743	65063	33.9	47339	3.393	35761	90	4.1
50	12.0	1.2	2.7	59709	46057	2.111	66914	28.3	49219	3.432	37509	91	4.2
	18.0	2.5	5.8	59801	45942	2.012	66668	29.7	51586	3.439	39852	92	4.4
	24.0	4.3	9.9	59893	45828	1.913	66422	31.3	53953	3.446	42195	93	4.6
60	12.0	1.2	2.7	59108	46041	2.365	67177	25.0	55699	3.474	43844	94	4.7
	18.0	2.5	5.7	59200	45926	2.266	66931	26.1	58066	3.481	46187	95	4.9
	24.0	4.2	9.7	59291	45811	2.167	66685	27.4	60433	3.489	48530	96	5.1
70	12.0	1.1	2.6	57477	45363	2.684	66634	21.4	61781	3.501	49836	97	5.2
	18.0	2.4	5.6	57569	45248	2.585	66388	22.3	64148	3.508	52178	98	5.4
	24.0	4.1	9.5	57661	45133	2.486	66141	23.2	66516	3.515	54521	99	5.5
80	12.0	1.1	2.6	55110	44256	3.057	65541	18.0	67360	3.511	55379	99	5.6
	18.0	2.4	5.5	55202	44141	2.958	65295	18.7	69727	3.518	57722	100	5.8
	24.0	4.0	9.3	55294	44026	2.859	65049	19.3	72094	3.526	60065	101	6.0
90	12.0	1.1	2.5	52246	42873	3.482	64129	15.0	72486	3.511	60507	101	6.1
	18.0	2.3	5.4	52338	42758	3.383	63883	15.5	74853	3.518	62850	102	6.2
	24.0	4.0	9.2	52429	42643	3.284	63637	16.0	77220	3.525	65192	103	6.4
100	12.0	1.1	2.5	49065	41292	3.965	62596	12.4	Operation Not Recommended				
	18.0	2.3	5.3	49157	41177	3.866	62350	12.7					
	24.0	3.9	9.0	49249	41062	3.767	62103	13.1					
110	12.0	1.1	2.5	45695	39510	4.518	61111	10.1					
	18.0	2.3	5.2	45787	39395	4.419	60865	10.4					
	24.0	3.9	8.9	45879	39280	4.320	60619	10.6					
120	12.0	1.1	2.4	42206	37447	5.161	59816	8.2					
	18.0	2.2	5.2	42298	37332	5.062	59570	8.4					
	24.0	3.8	8.9	42390	37217	4.963	59324	8.5					

NOTE 1: Operation at or below 40°F EWT is based upon a 15% methanol antifreeze solution.

NOTE 2: Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.

NOTE 3: See performance correction tables for operating conditions other than those listed.

NOTE 4: Interpolation is permissible; extrapolation is not.

NOTE 5: For performance data outside the EAT listed, refer to the Daikin Select Tools selection program.

NOTE 6: Table does not reflect fan or pump power corrections for AHRI/ISO conditions.

NOTE 7: Data is based on unit at full load operation.

Legend			
Btu/h	British Thermal Units per Hour	**GPM**	Gallons per Minute
CFM	Airflow Rate, Cubic Feet per Minute	**kW**	Kilowatts
COP	Coefficient of Performance	**LAT**	Leaving Air Temperature
EAT	Entering Air Temperature	**PSI**	Pounds per square Inch
EER	Energy Efficiency Ratio	**THA**	Total Heat of Absorption
EWT	Entering Water Temperature	**THR**	Total Heat of Rejection
ft of W.C.	Feet of Water Column	**WPD**	Waterside Pressure Drop

Fan Performance

Horizontal Units

Table 225: WSCH Fan Performance for Standard PSC Motor CFM Values - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
007	Low	250	302	295	282	266	245	218	183				
	Medium		347	340	327	312	291	262	224	177			
	High		430	422	407	389	364	331	288	233			
009	Low	300	302	295	282	266	245	218					
	Medium		347	340	327	312	291	262	224				
	High		430	422	407	389	364	331	288	233			
012	Low	400	302	295	282								
	Medium		347	340	327	312	291						
	High		430	422	407	389	364	331	288				
015	Low	500	655	642	621	587	524	431					
	Medium		730	715	695	666	611	522	401				
	High		906	886	862	830	769	667	525	352			
019	Low	600	659	648	627	591	529	443					
	Medium		734	719	700	674	626	548	439				
	High		924	912	873	832	791	739	647	469			
024	Low	800	703	704	708	703	680	632					
	Medium		829	826	824	814	783	723	633				
	High		967	958	945	925	885	817	718	591			
030	Low	1000	1220	1198	1136	1069	1005	939	853	713			
	Medium		1274	1249	1181	1107	1039	972	885	745			
	High		1307	1280	1210	1136	1066	995	906	769			
036	Low	1200	1335	1303	1269	1246	1207	1134	1014	841			
	Medium		1450	1404	1353	1321	1278	1198	1068	880			
	High		1517	1455	1399	1382	1352	1274	1130	914			
042	Low	1400	1245	1244	1245	1246	1235	1205	1144	1042			
	Medium		1442	1430	1425	1423	1405	1357	1268	1138			
	High		1641	1615	1587	1570	1545	1494	1407	1277	1101		
048	Low	1600	1256	1265	1268	1261	1252	1238	1214	1162			
	Medium		1492	1499	1490	1467	1440	1412	1378	1325	1234		
	High		1789	1780	1751	1713	1668	1618	1559	1483	1379	1230	
060	Low	2000	1861	1848	1823	1793	1750	1690	1612	1516	1406		
	Medium		2132	2109	2066	2020	1963	1889	1795	1682	1553	1415	
	High					2199	2126	2038	1930	1804	1661	1507	
070	Low	2300	1873	1872	1868	1861	1849	1832	1809	1777	1734		
	Medium		2177	2175	2169	2161	2146	2124	2093	2049	1991	1918	1827
	High		2539	2533	2518	2498	2470	2430	2377	2309	2223	2121	2001

NOTE 1: Speed adjustment is done at terminal strip on the motor. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Refer to schematic supplied with the unit for wiring as supplied by the factory. Wire colors BK = Hi, BL = Med & RD = Low.

Table 226: WSCH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	347	334	322	311	298	285	271	256	239	222	206	190	175
	Fan Speed 2	338	324	311	298	284	271	256	241	226	210	194	179	165
	Fan Speed 3	326	311	296	280	265	251	236	222	207	193	179	166	
	Fan Speed 4	316	300	284	268	252	237	222	207	193	179	166		
	Fan Speed 5	326	311	296	280	265	251	236	222	207	193	179	166	
	Fan Speed 6	316	300	284	268	252	237	222	207	193	179	166		
	Fan Speed 7	302	286	269	252	234	218	202	187	173				
	Fan Speed 8	291	275	257	239	221	204	188	172					
009	Fan Speed 1	387	375	364	353	342	331	319	307	294	281	267	252	237
	Fan Speed 2	372	360	348	338	326	315	302	288	273	258	242	227	212
	Fan Speed 3	359	347	336	325	314	302	288	273	257	240	223		
	Fan Speed 4	344	331	319	306	293	280	266	251	235	218			
	Fan Speed 5	359	347	336	325	314	302	288	273	257	240	223		
	Fan Speed 6	344	331	319	306	293	280	266	251	235	218			
	Fan Speed 7	332	317	303	289	275	261	246	232	216				
	Fan Speed 8	316	300	284	268	252	237	222						
012	Fan Speed 1	450	438	425	414	402	392	382	373	363	353	342	331	318
	Fan Speed 2	430	418	406	395	383	373	363	353	343	332	321	308	295
	Fan Speed 3	411	398	387	376	365	355	344	334	323	311	299	286	
	Fan Speed 4	393	381	370	359	348	337	326	315	302	290			
	Fan Speed 5	411	398	387	376	365	355	344	334	323	311	299	286	
	Fan Speed 6	393	381	370	359	348	337	326	315	302	290			
	Fan Speed 7	378	366	355	344	332	321	309	296	282				
	Fan Speed 8	362	350	339	328	317	305	291						

NOTE 1: Units are shipped at the Fan Speed 3 setting. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 227: WSCH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	810	784	761	754	741	708	644	547	420		
	High		765	745	709	675	639	598	549	489	415		
	Standard		694	679	639	592	543	494	446	397			
	Medium		632	602	549	500	452	402	350				
	Low		576	537	463	397							
019	Maximum	600	881	851	833	838	835	803	730	613	460		
	High		822	796	768	752	734	700	644	562	454		
	Standard		751	729	697	670	639	598	541	467			
	Medium		685	668	628	584	539	494	447				
	Low		631	609	554	495							
024	Maximum	800			1140	1086	1029	968	896	798	654		
	High		1068	1056	1034	1010	980	939	875	779	637		
	Standard		932	918	883	852	830	812	787	730	610		
	Medium		893	882	843	804	778	765	747	688			
	Low		830	814	775	738	710	689	663	611			
030	Maximum	1000			1142	1071	980	866	731				
	High				1123	1069	990	879	735				
	Standard				1125	1063	975	858	715				
	Medium		1085	1076	1058	1022	954	847	705				
	Low		1020	1013	1002	974	916	822					
036	Maximum	1200	1480	1461	1404	1341	1282	1223	1143	1009			
	High		1445	1434	1387	1328	1269	1208	1128	997			
	Standard		1404	1393	1353	1305	1256	1202	1123	991			
	Medium		1269	1256	1227	1201	1180	1152	1098	984			
	Low		1222	1208	1171	1139	1118	1101	1064	970			
042	Maximum	1400	1868	1843	1777	1699	1613	1522	1426	1321	1198	1048	
	High		1785	1774	1727	1658	1578	1492	1401	1302	1185	1038	
	Standard		1532	1514	1491	1471	1446	1406	1342	1251	1128		
	Medium		1482	1465	1437	1414	1390	1358	1310	1239	1137	994	
	Low		1434	1420	1389	1358	1328	1298	1262	1211	1134	1016	
048	Maximum	1600	1852	1841	1809	1775	1747	1725	1704	1670	1601	1468	1236
	High		1811	1800	1764	1725	1692	1669	1650	1621	1561	1438	1215
	Standard		1739	1731	1695	1651	1614	1590	1574	1553	1507	1404	1206
	Medium		1683	1676	1637	1588	1548	1523	1512	1501	1468	1377	1184
	Low		1635	1624	1581	1531	1489	1464	1452	1441	1412	1334	1168
060	Maximum	2000				2208	2149	2076	1988	1882	1756	1607	1432
	High		2246	2229	2195	2155	2105	2040	1958	1856	1732	1586	1418
	Standard		2163	2145	2114	2083	2045	1994	1926	1838	1725	1586	1421
	Medium		2101	2078	2040	2007	1974	1935	1884	1815	1720	1594	1430
	Low		2019	2003	1966	1925	1885	1845	1802	1751	1680	1579	1429
070	Maximum	2400	2489	2467	2426	2387	2351	2315	2276	2228	2164	2075	1950
	High		2474	2453	2413	2377	2342	2305	2264	2212	2144	2053	1929
	Standard		2464	2444	2406	2370	2336	2302	2263	2216	2152	2063	1939
	Medium		2408	2388	2345	2304	2265	2229	2193	2151	2098	2023	1913
	Low		2310	2293	2256	2218	2181	2145	2108	2066	2014	1944	1847

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 228: WSCH Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625
070	Fan Speed 1	1.0	1850	2300	2450	2300	2450	2450	2225	2300	2300
	Fan Speed 2		1850	2225	2375	2225	2375	2450	2150	2225	2225
	Fan Speed 3		1850	2150	2300	2150	2300	2450	2075	2150	2150
	Fan Speed 4		1850	2075	2225	2075	2225	2450	2075	2075	2075
	Fan Speed 5		1850	2188	2338	2188	2338	2450	2113	2188	2188
	Fan Speed 6		1850	2113	2263	2113	2263	2450	2075	2113	2113
	Fan Speed 7		1850	2075	2188	2075	2188	2450	2075	2075	2075
	Fan Speed 8		1850	2075	2113	2075	2113	2450	2075	2075	2075

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 229: WSDH Fan Performance for Constant CFM EC Motor CFM Values - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
070	Fan Speed 1	1.0	1850	2300	2450	2300	2450	2450	2225	2300	2300
	Fan Speed 2		1850	2225	2375	2225	2375	2450	2150	2225	2225
	Fan Speed 3		1850	2150	2300	2150	2300	2450	2075	2150	2150
	Fan Speed 4		1850	2075	2225	2075	2225	2450	2075	2075	2075
	Fan Speed 5		1850	2188	2338	2188	2338	2450	2113	2188	2188
	Fan Speed 6		1850	2113	2263	2113	2263	2450	2075	2113	2113
	Fan Speed 7		1850	2075	2188	2075	2188	2450	2075	2075	2075
	Fan Speed 8		1850	2075	2113	2075	2113	2450	2075	2075	2075

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 230: WSMH Fan Performance for Standard PSC Motor CFM Values - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
007	Low	250	317	307	288	267	245	218	184				
	Medium		358	353	335	314	292	267	233	179			
	High		449	442	422	398	373	344	309	261	190		
009	Low	300	317	307	288	267	245	218					
	Medium		358	353	335	314	292	267	233				
	High		449	442	422	398	373	344	309	261			
012	Low	400	317	307	288								
	Medium		358	353	335	314	292						
	High		449	442	422	398	373	344	309				
015	Low	500	670	659	631	590	535	465	376				
	Medium		743	731	714	686	631	544	434				
	High		922	912	883	846	800	738	647	507			
019	Low	600	670	659	631	590	535	465					
	Medium		743	731	714	686	631	544	434				
	High		922	912	883	846	800	738	647	507			
024	Low	800	710	674	638	617	581						
	Medium		741	749	730	696	662	624					
	High		911	917	908	883	848	804	747	662			
030	Low	1000	731	745	749	738	726	710					
	Medium		856	869	878	874	862	840	799	724			
	High		1028	1039	1041	1029	1012	991	955	886	755		
036	Low	1200	1236	1247	1242	1212	1168	1117	1057	982	882		
	Medium		1258	1262	1249	1217	1176	1127	1069	995	893		
	High		1343	1356	1349	1313	1259	1196	1126	1044	941		
042	Low	1400	1370	1356	1359	1368	1353	1291	1168	985			
	Medium		1597	1580	1555	1530	1490	1424	1318	1163			
	High		1829	1800	1748	1697	1634	1551	1433	1269	1043		
048	Low	1600	1397	1404	1412	1414	1411	1401	1382	1349	1298	1222	
	Medium		1200	1411	1631	1680	1652	1607	1578	1563	1531	1422	1140
	High		1929	1933	1929	1912	1886	1849	1802	1741	1661	1558	1422
060	Low	2000	2040	2033	2015	1994	1968	1936	1897	1847	1785	1708	1613
	Medium		2305	2294	2269	2239	2203	2163	2114	2055	1982	1888	1768
	High		2549	2529	2489	2445	2395	2339	2273	2196	2105	1998	1872

NOTE 1: Speed adjustment is done at terminal strip on the motor. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Refer to schematic supplied with the unit for wiring as supplied by the factory. Wire colors BK = Hi, BL = Med & RD = Low.

Table 231: WSMH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	345	330	310	295	275	260	245	225	210	195	180		
	Fan Speed 2	330	315	295	280	260	245	230	210	195	175	160		
	Fan Speed 3	310	295	275	255	240	220	205	185	170				
	Fan Speed 4	295	275	260	240	220	205	185	170					
	Fan Speed 5	310	295	275	255	240	220	205	185	170				
	Fan Speed 6	295	275	260	240	220	205	185	170					
	Fan Speed 7	280	260	240	220	205	185	165						
	Fan Speed 8	260	240	225	205	185	165							
009	Fan Speed 1	405	395	380	365	350	335	320	305	290	275	260	245	230
	Fan Speed 2	395	380	365	350	335	320	305	285	270	255	240	225	210
	Fan Speed 3	375	365	350	330	315	300	285	265	250	235			
	Fan Speed 4	360	345	330	310	295	285	270	245	230	215			
	Fan Speed 5	375	365	350	330	315	300	285	265	250	235			
	Fan Speed 6	360	345	330	310	295	285	270	245	230	215			
	Fan Speed 7	345	330	310	295	275	260	245	225	210				
	Fan Speed 8	325	310	290	270	255	240	225	205					
012	Fan Speed 1	460	445	430	420	405	390	375	370	355	340	325	315	300
	Fan Speed 2	450	435	420	405	395	380	365	355	340	325	310	295	285
	Fan Speed 3	435	420	405	390	380	365	350	335	320	305	295	280	
	Fan Speed 4	420	405	390	375	360	345	335	315	300	285			
	Fan Speed 5	435	420	405	390	380	365	350	335	320	305	295	280	
	Fan Speed 6	420	405	390	375	360	345	335	315	300	285			
	Fan Speed 7	400	385	375	355	340	330	315	295	280				
	Fan Speed 8	380	365	355	335	320	305	290	270					

NOTE 1: Units are shipped at the Fan Speed 3 setting. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 232: WSMH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-060) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	859	835	797	766	733	689	632	560	471	370	
	High		783	780	758	722	679	629	572	501	406		
	Standard		715	715	687	637	576	512	450	388			
	Medium		643	611	552	493	433	370					
	Low		733	513									
019	Maximum	600	983	945	897	869	844	808	750	661	537		
	High		839	839	811	765	716	670	622	557	449		
	Standard		813	794	752	704	652	598	542	483			
	Medium		664	681	664	606	534	464					
	Low		620	619	586	528	460						
024	Maximum	800	1023	1012	987	958	927	895	862	827	789	744	689
	High		985	970	938	907	876	846	814	777	731	671	589
	Standard		963	936	894	862	833	801	765	726	686	654	637
	Medium		880	868	836	799	763	728	694	655	605		
	Low		819	796	758	724	691	655	611				
030	Maximum	1000	1187	1190	1173	1141	1108	1080	1057	1029	982	893	731
	High		1151	1153	1136	1106	1075	1047	1023	996	953	874	735
	Standard		1116	1118	1099	1066	1031	1000	974	947	910	847	736
	Medium		1076	1063	1034	1004	974	944	913	880	843	798	740
	Low		1028	1006	969	938	909	879	846	810	771	728	
036	Maximum	1200	1321	1308	1282	1257	1234	1210	1179	1135	1068	965	
	High		1272	1267	1248	1224	1200	1177	1151	1114	1051	944	
	Standard		1237	1228	1204	1179	1155	1135	1113	1083	1034	953	
	Medium		1195	1190	1168	1140	1114	1092	1071	1045	1000	920	
	Low		1142	1146	1133	1105	1076	1051	1031	1010	978	918	
042	Maximum	1400	1808	1791	1762	1734	1703	1660	1599	1507	1374	1186	
	High		1572	1583	1565	1522	1480	1449	1427	1398	1331	1184	
	Standard		1528	1538	1519	1477	1435	1403	1380	1352	1294	1167	
	Medium		1478	1474	1448	1410	1373	1341	1313	1280	1227	1131	
	Low		1425	1407	1370	1333	1297	1263	1230	1193	1147	1086	1000
048	Maximum	1600	1855	1842	1816	1793	1771	1750	1728	1705	1680	1651	1617
	High		1823	1810	1784	1759	1735	1709	1681	1652	1622	1590	1558
	Standard		1790	1779	1755	1727	1699	1671	1643	1616	1588	1559	1527
	Medium		1745	1731	1703	1675	1647	1617	1588	1558	1528	1500	1476
	Low		1679	1666	1640	1612	1584	1553	1522	1492	1463	1438	1420
060	Maximum	2000	2261	2241	2202	2165	2129	2094	2059	2022	1984	1942	1894
	High		2222	2208	2174	2137	2098	2060	2023	1988	1952	1913	1868
	Standard		2187	2166	2125	2086	2049	2013	1978	1942	1903	1861	1812
	Medium		2086	2073	2041	2005	1967	1927	1887	1847	1807	1768	1730
	Low		2003	1990	1960	1925	1887	1847	1808	1768	1729	1688	1645

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 233: WSMH Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-060) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 234: WSNH Fan Performance for Constant CFM EC Motor CFM Values (Sizes 024-060) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 235: WSSH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	338	322	305	297	281	265	250	245	230	215	201	193	179
	Fan Speed 2	325	307	290	283	267	251	235	231	216	201	186	180	165
	Fan Speed 3	311	293	275	269	252	236	220	217	202	186	171	166	
	Fan Speed 4	297	279	260	255	238	221	204	203	187	172			
	Fan Speed 5	311	293	275	269	252	236	220	217	202	186	171	166	
	Fan Speed 6	297	279	260	255	238	221	204	203	187	172			
	Fan Speed 7	283	264	245	241	224	207	189	189	173				
	Fan Speed 8	274	255	235	232	214	197	179	180	164				
009	Fan Speed 1	402	389	375	362	348	334	321	309	296	283	269	258	245
	Fan Speed 2	384	369	355	343	329	315	300	291	277	263	249	240	226
	Fan Speed 3	370	355	340	329	315	300	285	277	263	249	235	226	212
	Fan Speed 4	352	336	320	311	295	280	265	259	244	230	215		
	Fan Speed 5	370	355	340	329	315	300	285	277	263	249	235	226	212
	Fan Speed 6	352	336	320	311	295	280	265	259	244	230	215		
	Fan Speed 7	338	322	305	297	281	265	250	245	230	215			
	Fan Speed 8	320	302	285	278	262	246	230	226	211				
012	Fan Speed 1	503	494	485	464	453	442	432	411	400	388	377	360	349
	Fan Speed 2	480	470	460	441	429	418	406	388	376	364	352	337	325
	Fan Speed 3	462	451	440	422	410	398	386	370	357	345	333	319	306
	Fan Speed 4	439	427	415	399	386	374	361	347	334	321	308	295	283
	Fan Speed 5	462	451	440	422	410	398	386	370	357	345	333	319	306
	Fan Speed 6	439	427	415	399	386	374	361	347	334	321	308	295	283
	Fan Speed 7	416	403	390	376	362	349	336	323	310	297	284		
	Fan Speed 8	398	384	370	357	343	329	316	305	291				

NOTE 1: Units are shipped at the Fan Speed 3 setting. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 236: WSSH Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	875	851	809	772	735	695	647	589	514	421	
	High		813	767	715	688	657	604	527	434			
	Standard		792	727	647	594	533	457	376				
	Medium		584	654	493								
	Low		617	590									
019	Maximum	600	885	886	860	818	776	740	707	663	586		
	High		855	823	780	750	719	677	618	544	458		
	Standard		804	759	706	674	639	588	519				
	Medium		941	702	535	484	383	285	458				
	Low		482	622	456	118	112	942					
024	Maximum	800	1011	1005	979	947	916	888	864	837	799	736	630
	High		965	955	930	901	873	846	818	787	748	694	616
	Standard		897	913	905	870	831	800	777	750	698	585	
	Medium		885	870	836	803	771	740	706	666	612		
	Low		803	795	772	743	710	674	633	581			
030	Maximum	1000	1187	1190	1173	1141	1108	1080	1057	1029	982	893	731
	High		1151	1153	1136	1106	1075	1047	1023	996	953	874	735
	Standard		1114	1111	1089	1059	1030	1006	985	961	919	840	
	Medium		1060	1056	1035	1006	976	950	926	900	861	798	
	Low		1022	1008	980	952	925	898	870	840	806	764	712
036	Maximum	1200	1372	1347	1319	1306	1295	1279	1247	1196	1121	1021	898
	High		1322	1309	1288	1271	1255	1235	1206	1163	1100	1009	883
	Standard		1274	1270	1251	1229	1207	1186	1165	1136	1087	1005	869
	Medium		1283	1265	1229	1196	1167	1142	1117	1087	1044	979	880
	Low		1159	1172	1172	1151	1123	1097	1074	1051	1018	961	860
042	Maximum	1400	1603	1588	1556	1524	1493	1464	1436	1408	1379	1345	1304
	High		1576	1558	1523	1490	1457	1427	1398	1369	1340	1308	1272
	Standard		1527	1512	1481	1452	1423	1393	1363	1332	1299	1264	1225
	Medium		1462	1447	1418	1388	1357	1325	1292	1258	1223	1188	1151
	Low		1407	1392	1360	1329	1297	1264	1230	1195	1159	1123	1086
048	Maximum	1600	1811	1797	1769	1743	1718	1693	1667	1640	1610	1575	1533
	High		1788	1778	1752	1721	1690	1661	1634	1608	1581	1549	1506
	Standard		1737	1728	1705	1677	1646	1616	1586	1559	1533	1509	1483
	Medium		1695	1678	1646	1615	1585	1558	1531	1506	1480	1454	1426
	Low		1632	1620	1591	1561	1530	1501	1475	1450	1426	1400	1370
060	Maximum	2000	2235	2212	2175	2144	2115	2083	2047	2007	1963	1919	1882
	High		2160	2147	2120	2091	2059	2025	1989	1951	1911	1870	1828
	Standard		2122	2104	2073	2044	2015	1983	1948	1908	1867	1824	1784
	Medium		2062	2048	2016	1983	1947	1911	1873	1834	1794	1751	1707
	Low		1992	1974	1941	1909	1876	1840	1801	1759	1715	1672	1633
070	Maximum	2400	2528	2525	2506	2477	2444	2410	2376	2343	2310	2273	2227
	High		2502	2491	2466	2439	2409	2378	2344	2310	2275	2242	2210
	Standard		2456	2450	2430	2403	2372	2339	2306	2272	2238	2202	2164
	Medium		2426	2419	2398	2370	2338	2304	2269	2235	2200	2164	2125
	Low		2394	2387	2366	2337	2304	2269	2234	2200	2167	2133	2097

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 237: WSSH Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625
070	Fan Speed 1	1.0	1725	2400	2625	2400	2625	2625	2288	2400	2400
	Fan Speed 2		1725	2288	2513	2288	2513	2625	2175	2288	2288
	Fan Speed 3		1725	2175	2400	2175	2400	2625	2063	2175	2175
	Fan Speed 4		1725	2063	2288	2063	2288	2625	2063	2063	2063
	Fan Speed 5		1725	2231	2456	2231	2456	2625	2119	2231	2231
	Fan Speed 6		1725	2119	2344	2119	2344	2625	2063	2119	2119
	Fan Speed 7		1725	2063	2231	2063	2231	2625	2063	2063	2063
	Fan Speed 8		1725	2063	2119	2063	2119	2625	2063	2063	2063

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 238: WSTH Fan Performance for Constant CFM EC Motor CFM Values (Sizes 024-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
070	Fan Speed 1	1.0	1725	2400	2625	2400	2625	2625	2288	2400	2400
	Fan Speed 2		1725	2288	2513	2288	2513	2625	2175	2288	2288
	Fan Speed 3		1725	2175	2400	2175	2400	2625	2063	2175	2175
	Fan Speed 4		1725	2063	2288	2063	2288	2625	2063	2063	2063
	Fan Speed 5		1725	2231	2456	2231	2456	2625	2119	2231	2231
	Fan Speed 6		1725	2119	2344	2119	2344	2625	2063	2119	2119
	Fan Speed 7		1725	2063	2231	2063	2231	2625	2063	2063	2063
	Fan Speed 8		1725	2063	2119	2063	2119	2625	2063	2063	2063

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Vertical Units

Table 239: WSCV Fan Performance for Standard PSC Motor CFM Values - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
007	Low	250	284	276	262	244	221	190					
	Medium		364	355	336	315	290	258	217				
	High		469	454	428	401	369	330	281	222			
009	Low	300	284	276	262	244	221						
	Medium		364	355	336	315	290	258	217				
	High		469	454	428	401	369	330	281	222			
012	Low	400	284										
	Medium		364	355	336	315	290						
	High		469	454	428	401	369	330	281				
015	Low	500	569	550	511	460	393						
	Medium		631	614	575	523	456	372					
	High		774	757	715	655	578	483	372				
019	Low	600	569	550	511	460							
	Medium		631	614	575	523	456						
	High		774	757	715	655	578	483					
024	Low	800	694	698	701	698	688	670	641	596			
	Medium		811	814	813	806	794	774	740	682	587		
	High		933	937	937	926	907	876	832	769	681		
030	Low	1000	1297	1284	1247	1202	1149	1090	1022	940	838	705	
	Medium		1390	1370	1326	1276	1219	1155	1081	995	893	771	
	High		1460	1435	1380	1321	1257	1186	1108	1018	910	778	
036	Low	1200	1273	1270	1258	1238	1206	1158	1089	996	874		
	Medium		1447	1436	1404	1361	1310	1249	1174	1076	946		
	High		1583	1562	1515	1460	1397	1323	1234	1128	999	841	
042	Low	1400	1253	1257	1263	1263	1256	1240	1214	1174	1120	1049	
	Medium		1486	1491	1487	1472	1451	1423	1388	1339	1267	1161	1005
	High		1723	1712	1693	1671	1643	1606	1554	1486	1397	1286	1150
048	Low	1600	1359	1368	1380	1386	1382	1366	1335	1285	1209		
	Medium		1595	1603	1613	1614	1604	1579	1535	1469	1377	1255	
	High		1800	1838	1878	1880	1854	1806	1739	1654	1545	1406	1226
060	Low	2000	2021	2009	2001	1999	1987	1956	1901	1820	1717	1599	1479
	Medium		2296	2281	2260	2243	2220	2184	2128	2048	1941	1807	1646
	High		2557	2530	2486	2449	2412	2365	2304	2221	2109		
070	Low	2400	2028	2022	2014	2002	1978	1937	1876	1790	1680		
	Medium		2279	2262	2240	2223	2199	2158	2092	1997	1869	1709	
	High		2567	2536	2488	2449	2409	2357	2286	2189	2061	1897	1695

NOTE 1: Speed adjustment is done at terminal strip on the motor. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Refer to schematic supplied with the unit for wiring as supplied by the factory. Wire colors BK = Hi, BL = Med & RD = Low.

Table 240: WSCV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	369	354	339	323	306	290	273	257	240	224	208	192	176
	Fan Speed 2	364	350	334	318	301	285	268	251	235	219	203	187	171
	Fan Speed 3	355	341	325	308	292	274	258	241	224	208	192	176	
	Fan Speed 4	346	331	315	298	281	264	247	230	213	197	181	164	
	Fan Speed 5	337	322	305	288	271	253	236	219	202	186	169		
	Fan Speed 6	328	312	295	277	260	242	225	208	191	173			
	Fan Speed 7	318	302	285	266	248	231	214	197	179				
	Fan Speed 8	248	227	207	188	169								
009	Fan Speed 1	411	398	384	369	354	339	324	309	294	279	264	249	234
	Fan Speed 2	408	395	380	366	350	335	320	304	289	274	259	244	229
	Fan Speed 3	397	383	369	354	338	322	306	291	275	260	244	229	214
	Fan Speed 4	389	375	361	345	329	313	297	281	265	250	234	219	
	Fan Speed 5	381	367	352	336	320	304	288	272	256	240	224		
	Fan Speed 6	369	354	339	323	306	290	273	256	240	224			
	Fan Speed 7	360	346	330	313	296	280	263	246	230	213			
	Fan Speed 8	287	269	250	232	213								
012	Fan Speed 1	449	436	422	409	396	383	369	356	343	329	316	302	289
	Fan Speed 2	441	427	414	400	387	373	359	345	331	317	303	290	
	Fan Speed 3	435	421	408	394	380	366	352	337	323	309	295	281	
	Fan Speed 4	425	412	398	384	370	355	340	325	311	296	283		
	Fan Speed 5	418	405	391	377	362	347	332	317	302	288			
	Fan Speed 6	408	395	380	366	350	335	320	304	289				
	Fan Speed 7	400	388	373	357	342	327	312	296					
	Fan Speed 8	323	307	290										

NOTE 1: Units are shipped at the Fan Speed 3 setting. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 241: WSCV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	817	786	747	718	683	630	553	452			
	High		770	743	708	679	642	587	512	420			
	Standard		652	661	639	591	535	484	439	389			
	Medium		580	573	536	484	427	372					
	Low		535	502	444	390							
019	Maximum	600						829	693	534			
	High				878	866	834	763	648	498			
	Standard		768	747	716	687	648	593	521				
	Medium		681	675	644	600	552	502	451				
	Low		616	602	560	506	451						
024	Maximum	800	994	987	968	943	914	883	850	816	783	750	719
	High		952	950	932	903	871	839	809	780	746	701	635
	Standard		935	925	896	863	831	801	773	744	709	658	581
	Medium		846	855	843	808	767	729	698	668	628		
	Low		796	800	778	740	700	666	637	603			
030	Maximum	1000	1138	1147	1133	1105	1080	1062	1043	1001	901		
	High		1130	1114	1088	1069	1051	1031	1007	976	937	891	838
	Standard		1076	1084	1074	1049	1023	1002	982	950	884	753	
	Medium		1034	1033	1019	997	975	955	936	915	879	816	707
	Low		1013	999	974	952	932	911	889	865	841	818	798
036	Maximum	1200	1394	1389	1385	1384	1378	1359	1321	1261	1174	1056	907
	High		1275	1268	1262	1260	1256	1244	1221	1181	1122	1040	933
	Standard		1232	1231	1232	1233	1228	1214	1188	1151	1103	1045	982
	Medium		1205	1203	1200	1197	1189	1174	1152	1122	1086	1044	1001
	Low		1200	1199	1195	1189	1178	1160	1134	1101	1063	1022	982
042	Maximum	1400	1571	1564	1542	1511	1479	1449	1419	1389	1353	1303	1229
	High		1563	1548	1518	1489	1460	1431	1401	1367	1327	1279	1218
	Standard		1519	1504	1476	1449	1420	1390	1357	1322	1285	1246	1207
	Medium		1464	1449	1425	1402	1377	1346	1309	1271	1234	1209	1203
	Low		1424	1405	1373	1344	1316	1286	1254	1218	1182	1148	1120
048	Maximum	1600	1809	1812	1795	1763	1728	1698	1672	1644	1603	1529	1396
	High		1780	1768	1740	1709	1677	1647	1618	1587	1549	1500	1431
	Standard		1735	1720	1689	1660	1630	1600	1569	1536	1501	1464	1424
	Medium		1668	1660	1636	1604	1571	1538	1507	1476	1439	1391	1322
	Low		1605	1594	1569	1540	1508	1475	1441	1406	1371	1334	1295
060	Maximum	2000	2208	2192	2167	2144	2118	2086	2046	2001	1952	1905	1866
	High		2173	2147	2113	2091	2070	2041	2002	1955	1905	1864	1847
	Standard		2128	2114	2090	2066	2036	2000	1958	1911	1862	1816	1780
	Medium		2075	2053	2016	1985	1954	1922	1885	1843	1792	1732	1663
	Low		2005	1991	1962	1931	1897	1860	1818	1770	1713	1645	1565
070	Maximum	2400				2421	2403	2383	2350	2298	2220	2113	1972
	High			2428	2391	2365	2344	2322	2292	2246	2175	2068	1913
	Standard		2412	2394	2361	2333	2310	2288	2261	2222	2162	2068	1927
	Medium		2392	2365	2324	2294	2269	2245	2216	2177	2122	2045	1941
	Low		2305	2277	2243	2224	2206	2180	2143	2095	2043	1998	1975

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 242: WSCV Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625
070	Fan Speed 1	1.0	1850	2300	2450	2300	2450	2450	2225	2300	2300
	Fan Speed 2		1850	2225	2375	2225	2375	2450	2150	2225	2225
	Fan Speed 3		1850	2150	2300	2150	2300	2450	2075	2150	2150
	Fan Speed 4		1850	2075	2225	2075	2225	2450	2075	2075	2075
	Fan Speed 5		1850	2188	2338	2188	2338	2450	2113	2188	2188
	Fan Speed 6		1850	2113	2263	2113	2263	2450	2075	2113	2113
	Fan Speed 7		1850	2075	2188	2075	2188	2450	2075	2075	2075
	Fan Speed 8		1850	2075	2113	2075	2113	2450	2075	2075	2075

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 243: WSDV Fan Performance for Constant CFM EC Motor CFM Values (Sizes 024-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
070	Fan Speed 1	1.0	1850	2300	2450	2300	2450	2450	2225	2300	2300
	Fan Speed 2		1850	2225	2375	2225	2375	2450	2150	2225	2225
	Fan Speed 3		1850	2150	2300	2150	2300	2450	2075	2150	2150
	Fan Speed 4		1850	2075	2225	2075	2225	2450	2075	2075	2075
	Fan Speed 5		1850	2188	2338	2188	2338	2450	2113	2188	2188
	Fan Speed 6		1850	2113	2263	2113	2263	2450	2075	2113	2113
	Fan Speed 7		1850	2075	2188	2075	2188	2450	2075	2075	2075
	Fan Speed 8		1850	2075	2113	2075	2113	2450	2075	2075	2075

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 244: WSMV Fan Performance for Standard PSC Motor CFM Values - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter) (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
007	Low	250	300	289	271	252	226	193					
	Medium		342	333	318	302	277	241	194				
	High		419	411	396	379	356	322	271	200			
009	Low	300	300	289	271	252	226						
	Medium		342	333	318	302	277	241					
	High		419	411	396	379	356	322	271				
012	Low	400	300	289									
	Medium		342	333	318	302							
	High		419	411	396	379	356	322					
015	Low	500	631	620	602	577	535	468	372				
	Medium		708	697	672	643	607	552	460				
	High		865	851	824	797	762	708	621	480			
019	Low	600	631	620	602	577	535	468					
	Medium		708	697	672	643	607	552	460				
	High		865	851	824	797	762	708	621	480			
024	Low	800	659	647	625	598							
	Medium		743	735	702	667	638	598					
	High		930	922	882	837	800	764	702	566			
030	Low	1000	855	851	850	845	827	792	741				
	Medium		1015	1017	1010	993	967	931	876	790			
	High		1204	1195	1178	1155	1122	1073	1001	904	774		
036	Low	1200	1121	1136	1153	1154	1138	1105	1054	982	888		
	Medium		1288	1293	1294	1279	1251	1207	1146	1065	962		
	High		1470	1472	1458	1424	1376	1316	1241	1148	1028	871	
042	Low	1400	1234	1245	1268	1285	1290	1279	1248	1195	1116	1012	
	Medium		1407	1428	1461	1480	1485	1472	1435	1369	1266	1119	
	High		1752	1766	1772	1758	1733	1697	1647	1573	1460	1287	1027
048	Low	1600	1302	1297	1304	1321	1337	1341	1325	1284	1213		
	Medium		1539	1546	1558	1563	1560	1545	1514	1465	1390	1285	1143
	High		1832	1831	1833	1832	1821	1794	1746	1673	1572	1441	1278
060	Low	2000	2016	2021	2023	2017	2003	1981	1950	1908	1852	1781	1689
	Medium		2326	2315	2296	2277	2254	2223	2182	2129	2062	1978	1878
	High		2651	2638	2612	2580	2541	2493	2435	2364	2280	2182	2069

NOTE 1: Speed adjustment is done at terminal strip on the motor. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Refer to schematic supplied with the unit for wiring as supplied by the factory. Wire colors BK = Hi, BL = Med & RD = Low.

Table 245: WSMV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	369	354	339	323	306	290	273	257	240	224	208	192	176
	Fan Speed 2	364	350	334	318	301	285	268	251	235	219	203	187	171
	Fan Speed 3	356	341	325	308	292	275	258	241	224	208	192	176	
	Fan Speed 4	346	331	315	298	281	264	247	230	213	197	181	164	
	Fan Speed 5	337	322	305	288	271	253	236	219	202	186	169		
	Fan Speed 6	328	312	295	277	260	242	225	208	191	173			
	Fan Speed 7	318	302	285	266	248	231	214	197	179				
	Fan Speed 8	248	227	207	188	169								
009	Fan Speed 1	411	398	384	369	354	339	324	309	294	279	264	249	234
	Fan Speed 2	408	395	380	366	350	335	320	304	289	274	259	244	229
	Fan Speed 3	397	383	369	354	338	322	306	291	275	260	244	229	214
	Fan Speed 4	389	375	361	345	329	313	297	281	265	250	234	219	
	Fan Speed 5	381	367	352	336	320	304	288	272	256	240	224		
	Fan Speed 6	369	354	339	323	306	290	273	256	240	224			
	Fan Speed 7	360	346	330	313	296	280	263	246	230	213			
	Fan Speed 8	287	269	250	232	213								
012	Fan Speed 1	449	436	422	409	396	383	369	356	343	329	316	302	289
	Fan Speed 2	441	427	414	400	387	373	359	345	331	317	303	290	
	Fan Speed 3	435	421	408	394	380	366	352	337	323	309	295		
	Fan Speed 4	425	412	398	384	370	355	340	325	311	296			
	Fan Speed 5	418	405	391	377	362	347	332	317	302	288			
	Fan Speed 6	408	395	380	366	350	335	320	304	289				
	Fan Speed 7	400	387	372	357	342	327	312	297					
	Fan Speed 8	323	307	290										

NOTE 1: Units are shipped at the Fan Speed 3 setting. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 246: WSMV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-060) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	754	729	695	670	644	610	567	516	466	426	412
	High		687	669	641	615	583	541	493	444	405	392	426
	Standard		633	627	605	573	533	487	438	388			
	Medium		573	570	545	503	454	403	354				
	Low		578	496									
019	Maximum	600	824	807	780	757	733	705	672	632	587	539	493
	High		778	767	743	715	686	654	619	580	538	490	
	Standard		719	721	703	670	635	604	572	529	458		
	Medium		698	678	642	608	573	536	494	449			
	Low		641	609	574	539	489	445	470	662			
024	Maximum	800	1015	998	966	937	910	882	852	819	780	733	676
	High		985	971	942	911	879	846	812	778	744	711	677
	Standard		932	925	903	872	839	803	769	735	702	668	632
	Medium		871	865	840	807	771	737	703	667	622		
	Low		800	800	776	738	699	665	631	589			
030	Maximum	1000	1214	1202	1174	1147	1122	1097	1064	1011	922	777	
	High		1135	1137	1119	1089	1059	1033	1007	969	896	759	
	Standard		1146	1128	1088	1052	1023	1001	978	942	875	751	
	Medium		1058	1047	1019	988	959	933	907	875	827	748	
	Low		1005	997	973	943	912	881	851	820	783	734	
036	Maximum	1200	1360	1367	1356	1328	1297	1271	1249	1224	1180	1095	939
	High		1334	1336	1319	1290	1260	1235	1214	1191	1153	1082	952
	Standard		1308	1302	1278	1249	1220	1194	1171	1146	1112	1058	969
	Medium		1273	1259	1232	1206	1180	1154	1127	1099	1070	1038	1004
	Low		1195	1191	1173	1147	1118	1088	1059	1031	1003	973	937
042	Maximum	1400	1580	1582	1560	1522	1481	1442	1406	1368	1315	1229	1086
	High		1561	1562	1541	1503	1461	1422	1387	1348	1295	1210	1067
	Standard		1544	1543	1521	1484	1442	1403	1367	1330	1285	1218	1111
	Medium		1463	1450	1422	1392	1358	1322	1283	1240	1195	1148	1100
	Low		1407	1392	1358	1321	1283	1245	1208	1172	1133	1091	1041
048	Maximum	1600	1774	1764	1738	1709	1679	1650	1622	1596	1570	1543	1511
	High		1737	1721	1689	1660	1632	1607	1582	1557	1530	1498	1460
	Standard		1695	1678	1645	1615	1587	1561	1535	1510	1484	1457	1425
	Medium		1634	1631	1611	1581	1550	1523	1500	1476	1444	1391	1298
	Low		1586	1580	1558	1528	1497	1469	1444	1420	1390	1347	1278
060	Maximum	2000	2257	2237	2202	2168	2132	2095	2055	2013	1970	1930	1896
	High		2217	2197	2157	2116	2075	2035	1995	1957	1919	1882	1847
	Standard		2147	2145	2119	2078	2032	1988	1949	1914	1880	1837	1773
	Medium		2083	2061	2022	1984	1946	1905	1863	1818	1773	1729	1689
	Low		2035	2011	1964	1920	1877	1836	1795	1754	1712	1669	1624

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 247: WSMV Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-060) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 248: WSNV Fan Performance for Constant CFM EC Motor CFM Values (Sizes 024-060) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 249: WSSV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 007-012) - 208 V Operation

Unit Size	Setting	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)												
		0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70
007	Fan Speed 1	369	354	339	323	306	290	273	257	240	224	208	192	176
	Fan Speed 2	364	350	334	318	301	285	268	251	235	219	203	187	171
	Fan Speed 3	355	341	325	308	292	274	258	241	224	208	192	176	
	Fan Speed 4	346	331	315	298	281	264	247	230	213	197	181	164	
	Fan Speed 5	337	322	305	288	271	253	236	219	202	186	169		
	Fan Speed 6	328	312	295	277	260	242	225	208	191	173			
	Fan Speed 7	318	302	285	266	248	231	214	197	179				
	Fan Speed 8	248	227	207	188	169								
009	Fan Speed 1	411	398	384	369	354	339	324	309	294	279	264	249	234
	Fan Speed 2	408	395	380	366	350	335	320	304	289	274	259	244	229
	Fan Speed 3	397	383	369	354	338	322	306	291	275	260	244	229	214
	Fan Speed 4	389	375	361	345	329	313	297	281	266	250	234	219	
	Fan Speed 5	381	367	352	337	320	304	288	271	255	240	225	210	
	Fan Speed 6	368	354	339	323	306	290	273	257	240	224			
	Fan Speed 7	360	346	330	313	296	280	263	246	230	213			
	Fan Speed 8	287	269	250	232	213								
012	Fan Speed 1	449	436	422	409	396	383	369	356	343	329	316	302	289
	Fan Speed 2	441	427	414	400	387	373	359	345	331	317	303	290	
	Fan Speed 3	435	421	408	394	380	366	352	337	323	309	295	281	
	Fan Speed 4	425	412	398	384	370	355	340	325	311	296	283		
	Fan Speed 5	418	405	391	377	362	347	332	317	302	287			
	Fan Speed 6	408	395	380	365	350	335	320	305	288				
	Fan Speed 7	400	389	373	356	341	327	313	294					
	Fan Speed 8	323	307	290										

NOTE 1: Units are shipped at Fan setting 3. Speed adjustment is done by Dip switches # 1-4 of the I/O Exp board located inside the control box. Refer to unit schematic.

NOTE 2: Gray tinted areas outside recommended operating range.

Table 250: WSSV Fan Performance for Optional Constant Torque EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Rated Airflow	External Static Pressure (in-H_2O) [Dry Coil and STD Filter] (inches of water column)										
			.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
015	Maximum	500	788	768	735	705	674	639	598	550	494	433	369
	High		733	709	674	644	611	571	520	464	408	365	
	Standard		716	674	617	577	541	497	444	382			
	Medium		700	646	560	496	443	394					
	Low		448	523									
019	Maximum	600	823	820	794	758	721	689	658	620	561	458	
	High		767	772	752	712	672	638	605	560	477		
	Standard		754	742	715	684	648	608	562	511	453		
	Medium		715	685	638	599	560	516	465				
	Low		745	593									
024	Maximum	800	1031	1016	986	954	920	884	847	809	771	735	701
	High		1003	986	952	920	886	850	812	772	733	697	668
	Standard		948	935	906	872	834	793	750	707	669	638	619
	Medium		877	868	838	800	760	721	681	637	578		
	Low		820	798	747	695	646	600					
030	Maximum	1000	1181	1187	1166	1126	1089	1061	1041	1010	940	789	
	High		1174	1161	1131	1099	1066	1034	1003	974	945	917	887
	Standard		1118	1116	1092	1056	1021	991	964	932	879	782	
	Medium		1065	1056	1029	997	965	933	900	864	817	751	
	Low		1015	997	966	937	905	869	828	784	742	706	
036	Maximum	1200	1364	1368	1353	1324	1295	1272	1254	1228	1176	1068	868
	High		1330	1325	1311	1292	1268	1238	1206	1174	1148	1133	1137
	Standard		1309	1301	1277	1250	1225	1205	1186	1160	1115	1032	889
	Medium		1252	1244	1221	1195	1171	1150	1130	1106	1071	1013	918
	Low		1214	1194	1163	1138	1115	1092	1067	1037	1003	965	922
042	Maximum	1400	1632	1616	1583	1551	1520	1488	1455	1421	1383	1340	1290
	High		1594	1576	1541	1508	1475	1442	1409	1375	1339	1299	1255
	Standard		1562	1541	1504	1470	1437	1404	1370	1334	1296	1257	1217
	Medium		1501	1474	1432	1399	1368	1336	1301	1262	1222	1184	1154
	Low		1415	1400	1367	1333	1298	1262	1225	1188	1152	1115	1077
048	Maximum	1600	1773	1768	1751	1728	1701	1673	1646	1619	1590	1559	1521
	High		1729	1727	1711	1687	1660	1633	1607	1584	1561	1534	1499
	Standard		1693	1701	1694	1669	1638	1609	1584	1561	1533	1487	1407
	Medium		1672	1658	1630	1604	1579	1556	1533	1506	1473	1427	1363
	Low		1624	1599	1563	1538	1516	1492	1464	1430	1394	1362	1339
060	Maximum	2000	2260	2239	2198	2160	2123	2086	2049	2010	1969	1923	1871
	High		2238	2218	2181	2143	2102	2057	2008	1957	1908	1867	1839
	Standard		2145	2137	2109	2071	2027	1980	1933	1886	1840	1793	1743
	Medium		2107	2096	2062	2018	1969	1919	1872	1826	1783	1739	1691
	Low		2031	2008	1963	1918	1872	1824	1776	1727	1680	1635	1593
070	Maximum	2300	2658	2644	2611	2574	2534	2494	2452	2405	2348	2276	2178
	High		2620	2608	2574	2533	2491	2450	2410	2367	2316	2249	2154
	Standard		2561	2547	2512	2473	2432	2391	2348	2303	2252	2191	2113
	Medium		2488	2468	2428	2387	2346	2305	2263	2219	2173	2123	2068
	Low		2413	2392	2352	2311	2270	2227	2183	2138	2091	2043	1994

NOTE 1: Units are shipped at setting 3 (standard). Speed adjustment is done at motor terminal strip.

NOTE 2: Gray tinted areas outside recommended operating range.

NOTE 3: Motor speed adjustments can be made by moving wire to appropriate motor tap 1-5.

Table 251: WSSV Fan Performance for Optional Constant CFM EC Motor CFM Values (Sizes 015-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
015	Fan Speed 1	1.0	313	500	563	500	563	563	469	500	500
	Fan Speed 2		313	469	531	469	531	563	438	469	469
	Fan Speed 3		313	438	500	438	500	563	406	438	438
	Fan Speed 4		313	406	469	406	469	563	406	406	406
	Fan Speed 5		313	453	516	453	516	563	422	453	453
	Fan Speed 6		313	422	484	422	484	563	406	422	422
	Fan Speed 7		313	406	453	406	453	563	406	406	406
	Fan Speed 8		313	406	422	406	422	563	406	406	406
019	Fan Speed 1	1.0	337	600	687	600	687	687	556	600	600
	Fan Speed 2		337	556	643	556	643	687	512	556	556
	Fan Speed 3		337	512	600	512	600	687	469	512	512
	Fan Speed 4		337	469	556	469	556	687	469	469	469
	Fan Speed 5		337	534	621	534	621	687	490	534	534
	Fan Speed 6		337	490	578	490	578	687	469	490	490
	Fan Speed 7		337	469	534	469	534	687	469	469	469
	Fan Speed 8		337	469	490	469	490	687	469	469	469
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625
070	Fan Speed 1	1.0	1725	2400	2625	2400	2625	2625	2288	2400	2400
	Fan Speed 2		1725	2288	2513	2288	2513	2625	2175	2288	2288
	Fan Speed 3		1725	2175	2400	2175	2400	2625	2063	2175	2175
	Fan Speed 4		1725	2063	2288	2063	2288	2625	2063	2063	2063
	Fan Speed 5		1725	2231	2456	2231	2456	2625	2119	2231	2231
	Fan Speed 6		1725	2119	2344	2119	2344	2625	2063	2119	2119
	Fan Speed 7		1725	2063	2231	2063	2231	2625	2063	2063	2063
	Fan Speed 8		1725	2063	2119	2063	2119	2625	2063	2063	2063

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Table 252: WSTV Fan Performance for Constant CFM EC Motor CFM Values (Sizes 024-070) - 208 V Operation

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
024	Fan Speed 1	1.0	500	800	900	800	900	900	750	800	800
	Fan Speed 2		500	750	850	750	850	900	700	750	750
	Fan Speed 3		500	700	800	700	800	900	650	700	700
	Fan Speed 4		500	650	750	650	750	900	650	650	650
	Fan Speed 5		500	725	825	725	825	900	675	725	725
	Fan Speed 6		500	675	775	675	775	900	650	675	675
	Fan Speed 7		500	650	725	650	725	900	650	650	650
	Fan Speed 8		500	650	675	650	675	900	650	650	650
030	Fan Speed 1	1.0	625	1000	1125	1000	1125	1125	938	1000	1000
	Fan Speed 2		625	938	1063	938	1063	1125	875	938	938
	Fan Speed 3		625	875	1000	875	1000	1125	813	875	875
	Fan Speed 4		625	813	938	813	938	1125	813	813	813
	Fan Speed 5		625	906	1031	906	1031	1125	844	906	906
	Fan Speed 6		625	844	969	844	969	1125	813	844	844
	Fan Speed 7		625	813	906	813	906	1125	813	813	813
	Fan Speed 8		625	813	844	813	844	1125	813	813	813
036	Fan Speed 1	1.0	750	1200	1350	1200	1350	1350	1125	1200	1200
	Fan Speed 2		750	1125	1275	1125	1275	1350	1050	1125	1125
	Fan Speed 3		750	1050	1200	1050	1200	1350	975	1050	1050
	Fan Speed 4		750	975	1125	975	1125	1350	975	975	975
	Fan Speed 5		750	1088	1238	1088	1238	1350	1013	1088	1088
	Fan Speed 6		750	1013	1163	1013	1163	1350	975	1013	1013
	Fan Speed 7		750	975	1088	975	1088	1350	975	975	975
	Fan Speed 8		750	975	1013	975	1013	1350	975	975	975
042	Fan Speed 1	1.0	875	1400	1575	1400	1575	1575	1313	1400	1400
	Fan Speed 2		875	1313	1488	1313	1488	1575	1225	1313	1313
	Fan Speed 3		875	1225	1400	1225	1400	1575	1138	1225	1225
	Fan Speed 4		875	1138	1313	1138	1313	1575	1138	1138	1138
	Fan Speed 5		875	1269	1444	1269	1444	1575	1181	1269	1269
	Fan Speed 6		875	1181	1356	1181	1356	1575	1138	1181	1181
	Fan Speed 7		875	1138	1269	1138	1269	1575	1138	1138	1138
	Fan Speed 8		875	1138	1181	1138	1181	1575	1138	1138	1138
048	Fan Speed 1	1.0	1000	1600	1800	1600	1800	1800	1500	1600	1600
	Fan Speed 2		1000	1500	1700	1500	1700	1800	1400	1500	1500
	Fan Speed 3		1000	1400	1600	1400	1600	1800	1300	1400	1400
	Fan Speed 4		1000	1300	1500	1300	1500	1800	1300	1300	1300
	Fan Speed 5		1000	1450	1650	1450	1650	1800	1350	1450	1450
	Fan Speed 6		1000	1350	1550	1350	1550	1800	1300	1350	1350
	Fan Speed 7		1000	1300	1450	1300	1450	1800	1300	1300	1300
	Fan Speed 8		1000	1300	1350	1300	1350	1800	1300	1300	1300
060	Fan Speed 1	1.0	1250	2000	2250	2000	2250	2250	1875	2000	2000
	Fan Speed 2		1250	1875	2125	1875	2125	2250	1750	1875	1875
	Fan Speed 3		1250	1750	2000	1750	2000	2250	1625	1750	1750
	Fan Speed 4		1250	1625	1875	1625	1875	2250	1625	1625	1625
	Fan Speed 5		1250	1813	2063	1813	2063	2250	1688	1813	1813
	Fan Speed 6		1250	1688	1938	1688	1938	2250	1625	1688	1688
	Fan Speed 7		1250	1625	1813	1625	1813	2250	1625	1625	1625
	Fan Speed 8		1250	1625	1688	1625	1688	2250	1625	1625	1625

Unit Size	Setting	Maximum ESP (in. wg.)[2]	Fan Only[3]	Low CFM Cool[1]	High CFM Cool[1]	Low CFM Heat[1]	High CFM Heat[1]	Auxiliary Electric Heat	Dehumidify	Waterside Economizer	Hydronic Heating
070	Fan Speed 1	1.0	1725	2400	2625	2400	2625	2625	2288	2400	2400
	Fan Speed 2		1725	2288	2513	2288	2513	2625	2175	2288	2288
	Fan Speed 3		1725	2175	2400	2175	2400	2625	2063	2175	2175
	Fan Speed 4		1725	2063	2288	2063	2288	2625	2063	2063	2063
	Fan Speed 5		1725	2231	2456	2231	2456	2625	2119	2231	2231
	Fan Speed 6		1725	2119	2344	2119	2344	2625	2063	2119	2119
	Fan Speed 7		1725	2063	2231	2063	2231	2625	2063	2063	2063
	Fan Speed 8		1725	2063	2119	2063	2119	2625	2063	2063	2063

NOTE 1: The unit is capable of high-low fan performance through the use of a two stage thermostat wired to specific terminals for High-Low CFM fan performance. Standard operation with a single stage thermostat is indicated as High CFM fan performance.

NOTE 2: Applications above 0.7″ ESP (in. wg.) are possible. However, increased fan noise should be anticipated and appropriate noise attenuation should be considered.

NOTE 3: Fan Only speed in the above table is when SW4 is Off. When SW4 is On, the Fan Only speed will match Cool Low CFM (Stage 1) speed.

Correction Factors

Airflow Correction Factors

Table 253: Horizontal Unit Airflow Correction Factors

Airflow	Cooling				Heating		
% of Nominal	Total Capacity	Sensible Capacity	Power	Heat of Rejection	Heating Capacity	Power	Heat of Absorption
60	0.926	0.768	0.945	0.929	0.953	1.120	0.909
65	0.935	0.798	0.952	0.938	0.959	1.105	0.920
70	0.944	0.826	0.958	0.947	0.965	1.090	0.932
75	0.954	0.856	0.965	0.956	0.971	1.075	0.943
80	0.963	0.884	0.972	0.965	0.976	1.060	0.954
85	0.972	0.913	0.979	0.973	0.982	1.045	0.966
90	0.981	0.942	0.986	0.982	0.988	1.030	0.977
95	0.991	0.971	0.993	0.991	0.994	1.015	0.989
100	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
105	1.009	1.029	1.007	1.009	1.006	0.985	1.012
110	1.019	1.058	1.014	1.018	1.012	0.970	1.023
115	1.028	1.087	1.021	1.027	1.018	0.955	1.034
120	1.037	1.116	1.028	1.035	1.024	0.940	1.046
125	1.047	1.145	1.035	1.044	1.030	0.925	1.057
130	1.056	1.174	1.042	1.053	1.035	0.910	1.068

NOTE: For exact airflow correction factors, refer to the Daikin Select Tools selection program.

Table 254: Vertical Unit Airflow Correction Factors

Airflow	Cooling				Heating		
% of Nominal	Total Capacity	Sensible Capacity	Power	Heat of Rejection	Heating Capacity	Power	Heat of Absorption
60	0.923	0.756	0.956	0.929	0.959	1.127	0.914
65	0.933	0.787	0.961	0.938	0.965	1.111	0.925
70	0.942	0.817	0.967	0.947	0.970	1.095	0.935
75	0.952	0.848	0.972	0.956	0.975	1.079	0.946
80	0.962	0.878	0.978	0.965	0.980	1.063	0.957
85	0.971	0.909	0.983	0.974	0.985	1.047	0.968
90	0.981	0.939	0.989	0.982	0.990	1.032	0.978
95	0.991	0.970	0.994	0.991	0.995	1.016	0.989
100	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
105	1.010	1.031	1.006	1.009	1.005	0.984	1.011
110	1.019	1.061	1.011	1.018	1.010	0.968	1.022
115	1.029	1.092	1.017	1.027	1.015	0.952	1.033
120	1.038	1.122	1.022	1.035	1.020	0.937	1.043
125	1.048	1.153	1.028	1.044	1.025	0.921	1.054
130	1.058	1.183	1.033	1.053	1.030	0.905	1.065

NOTE: For exact airflow correction factors, refer to the Daikin Select Tools selection program.

Capacity Correction Factors

Cooling Capacity Correction Factors

Table 255: Horizontal Unit Cooling Capacity Correction Table

Entering Air WB °F	Total Cooling Capacity	Sensible Cooling Capacity Multipliers - Entering DB °F						Power	Heat of Rejection
		65	70	75	80	80.6	85		
55	0.797	0.835	1.049	*	*	*	*	1.008	0.836
60	0.882	0.636	0.850	1.064	*	*	*	1.005	0.905
65	0.966		0.652	0.866	1.079	1.105	1.293	1.001	0.973
66.2	0.986		0.604	0.818	1.032	1.057	1.246	1.001	0.989
67	**1.000**		0.572	0.786	**1.000**	1.026	1.214	**1.000**	**1.000**
70	1.051			0.667	0.881	0.907	1.095	0.998	1.041
71	1.135				0.682	0.708	0.896	0.995	1.109

NOTE 1: * Sensible Capacity equals Total Capacity.

NOTE 2: AHRI/ISO/ASHRAE 13256-1 uses entering air conditions of Cooling - 80.6° F DB/66.2 °F WB.

NOTE 3: Cooling air corrections based on rated airflow.

NOTE 4: The correction factor table is for reference only. For precise performance numbers, use Daikin Select Tools.

Table 256: Vertical Unit Cooling Capacity Correction Table

Entering Air WB °F	Total Cooling Capacity	Sensible Cooling Capacity Multipliers - Entering DB °F						Power	Heat of Rejection
		65	70	75	80	80.6	85		
55	0.803	0.839	1.065	*	*	*	*	1.005	0.841
60	0.885	0.624	0.850	1.076	*	*	*	1.003	0.907
65	0.967		0.634	0.860	1.086	1.113	1.312	1.001	0.973
66.2	0.987		0.583	0.809	1.034	1.062	1.260	1.000	0.989
67	**1.000**		0.548	0.774	**1.000**	1.027	1.226	**1.000**	**1.000**
70	1.049			0.645	0.871	0.898	1.097	0.999	1.040
71	1.131				0.655	0.682	0.881	0.997	1.106

NOTE 1: * Sensible Capacity equals Total Capacity.

NOTE 2: AHRI/ISO/ASHRAE 13256-1 uses entering air conditions of Cooling - 80.6° F DB/66.2 °F WB.

NOTE 3: Cooling air corrections based on rated airflow.

NOTE 4: The correction factor table is for reference only. For precise performance numbers, use Daikin Select Tools.

Heating Capacity Correction Factors

Table 257: Horizontal Unit Heating Capacity Correction Table

Entering Air DB °F	Heating Capacity	Power	Heat of Absorption
50	1.036	0.780	1.103
55	1.027	0.835	1.077
60	1.018	0.890	1.052
65	1.009	0.945	1.026
68	1.004	0.978	1.010
70	**1.000**	**1.000**	**1.000**
75	0.991	1.055	0.974
80	0.982	1.110	0.948

NOTE 1: AHRI/ISO/ASHRAE 13256-1 uses entering air conditions of Heating 70°F.

NOTE 2: Heating air corrections based on rated airflow.

NOTE 3: The correction factor table is for reference only. For precise performance numbers, use Daikin Select Tools.

Table 258: Vertical Unit Heating Capacity Correction Table

Entering Air DB °F	Heating Capacity	Power	Heat of Absorption
50	1.032	0.809	1.093
55	1.024	0.857	1.070
60	1.016	0.905	1.046
65	1.008	0.952	1.023
68	1.003	0.981	1.009
70	**1.000**	**1.000**	**1.000**
75	0.992	1.048	0.977
80	0.984	1.095	0.954

NOTE 1: AHRI/ISO/ASHRAE 13256-1 uses entering air conditions of Heating 70°F.

NOTE 2: Heating air corrections based on rated airflow.

NOTE 3: The correction factor table is for reference only. For precise performance numbers, use Daikin Select Tools.

Motorized Isolation Valve Water Pressure Drop Values

Table 259: WSC, WSD Unit Motorized Isolation Valve Water Pressure Drop Values

WSC, WSD Unit Size	GPM	Cv	Maximum Shutoff Pressure	Maximum Operating Pressure	WPD	
					PSI	ft
015	1.88	4.9	125	300	0.15	0.34
	3.75				0.59	1.35
	5.0				1.04	2.41
019	2.38	4.9	125	300	0.23	0.54
	4.75				0.94	2.17
	6.33				1.67	3.86
024	3.0	10.3	125	300	0.08	0.20
	6.0				0.34	0.78
	8.0				0.60	1.39
030	3.75	10.3	125	300	0.13	0.31
	7.5				0.53	1.22
	10.0				0.94	2.18
036	4.5	10.3	125	300	0.19	0.44
	9.0				0.76	1.76
	12.0				1.36	3.14
042	5.25	10.3	125	300	0.26	0.60
	10.5				1.04	2.40
	14.0				1.85	4.27
048	6.0	8.9	125	300	0.45	1.05
	12.0				1.82	4.20
	16.0				3.23	7.47
060	7.5	8.9	125	300	0.71	1.64
	15.0				2.84	6.56
	20.0				5.05	11.67
070	8.75	8.9	125	300	0.97	2.23
	17.5				3.87	8.93
	23.33				6.87	15.88

Table 260: WSM, WSN Unit Motorized Isolation Valve Water Pressure Drop Values

WSM, WSN Unit Size	GPM	Cv	Maximum Shutoff Pressure	Maximum Operating Pressure	WPD	
					PSI	ft
015	1.88	10.3	125	300	0.03	0.08
	3.75				0.13	0.31
	5.0				0.24	0.54
019	2.38	10.3	125	300	0.05	0.12
	4.75				0.21	0.49
	6.33				0.38	0.87
024	3.0	10.3	125	300	0.08	0.20
	6.0				0.34	0.78
	8.0				0.60	1.39
030	3.75	10.3	125	300	0.13	0.31
	7.5				0.53	1.22
	10.0				0.94	2.18
036	4.5	8.9	125	300	0.26	0.59
	9.0				1.02	2.36
	12.0				1.82	4.20
042	5.25	8.9	125	300	0.35	0.80
	10.5				1.39	3.22
	14.0				2.47	5.72
048	6.0	8.9	125	300	0.45	1.05
	12.0				1.82	4.20
	16.0				3.23	7.47
060	7.5	8.9	125	300	0.71	1.64
	15.0				2.84	6.56
	20.0				5.05	11.67

Table 261: WSS, WST Unit Motorized Isolation Valve Water Pressure Drop Values

WSS, WST Unit Size	GPM	Cv	Maximum Shutoff Pressure	Maximum Operating Pressure	WPD	
					PSI	ft
007	0.88	4.9	125	300	0.03	0.07
	1.75				0.13	0.29
	2.33				0.23	0.52
009	1.13	4.9	125	300	0.05	0.12
	2.25				0.21	0.49
	3.0				0.37	0.87
012	1.5	4.9	125	300	0.09	0.22
	3.0				0.37	0.87
	4.0				0.67	1.54
015	1.88	8.9	125	300	0.04	0.10
	3.75				0.18	0.41
	5.0				0.32	0.73
019	2.38	8.9	125	300	0.07	0.16
	4.75				0.28	0.66
	6.33				0.51	1.17
024	3.0	8.9	125	300	0.11	0.26
	6.0				0.45	1.05
	8.0				0.81	1.87
030	3.75	8.9	125	300	0.18	0.41
	7.5				0.71	1.64
	10.0				1.26	2.92
036	4.5	8.9	125	300	0.26	0.59
	9.0				1.02	2.36
	12.0				1.82	4.20
042	5.25	8.9	125	300	0.35	0.80
	10.5				1.39	3.22
	14.0				2.47	5.72
048	6.0	8.9	125	300	0.45	1.05
	12.0				1.82	4.20
	16.0				3.23	7.47
060	7.5	8.9	125	300	0.71	1.64
	15.0				2.84	6.56
	20.0				5.05	11.67
070	8.8	8.9	125	300	0.97	2.23
	17.5				3.87	8.93
	23.33				6.87	15.88

Formula:

$$\Delta P = SL\left(\frac{QL}{Cv}\right)^2$$

Where:

Cv – *Valve (Flow) coefficient for valves*

QL – *Liquid flow in gallons per minute (GPM)*

Qg – *Rate of gas flow in cubic feet per minute at standard conditions, 14.7 PSIA and 60ºF (SCFM)*

P1 – *Absolute inlet pressure (PSIA)*

P1 = *Gauge pressure (PSIG) + 14.7*

P – *Pressure drop in pounds per square inch (PSI)*

SL – *Specific gravity of flowing liquid relative water at 60ºF*

Sg – *Specific gravity of gas relative to air.*

T – *Absolute temperature in degrees Rankine, (ºR)*

T = *ºF+460*

Economizer Capacity Data

Horizontal Unit Waterside Economizer Performance

Table 262: Model WSCH007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.3	4,000	3,600	4,400	4,000	5,000	4,700
	1.6	0.3	4,200	3,600	4,600	4,100	5,100	4,700
	1.8	0.4	4,500	3,800	4,900	4,200	5,400	4,900
	2.0	0.5	4,800	3,900	5,200	4,400	5,700	5,000
	PD (in W.C.)[2]		0.0028		0.0039		0.0057	

Table 263: Model WSCH009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.5	4,800	4,400	5,200	4,800	5,500	5,200
	2.1	0.5	5,100	4,500	5,400	4,900	5,700	5,300
	2.25	0.6	5,400	4,700	5,700	5,100	6,000	5,400
	2.6	0.8	5,800	4,900	6,100	5,300	6,400	5,600
	PD (in W.C.)[2]		0.0039		0.0051		0.0064	

Table 264: Model WSCH012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	0.8	6,600	5,900	6,900	6,300	7,000	6,500
	2.8	1.0	7,000	6,100	7,300	6,500	7,400	6,600
	3.0	1.1	7,300	6,200	7,600	6,600	7,700	6,800
	3.5	1.5	7,900	6,500	8,200	6,900	8,400	7,100
	PD (in W.C.)[2]		0.0064		0.0078		0.0086	

Table 265: Model WSCH015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.3	7,400	6,400	8,100	7,000	9,600	8,200
	3.4	0.4	7,800	6,600	8,600	7,200	10,000	8,300
	3.75	0.5	8,400	6,800	9,100	7,400	10,600	8,500
	4.4	0.6	9,200	7,100	9,900	7,700	11,400	8,800
	PD (in W.C.)[2]		0.0026		0.0030		0.0039	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 266: Model WSCH019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	0.7	9,200	8,300	9,700	9,100	9,900	9,400
	4.4	0.9	9,800	8,600	10,300	9,300	10,500	9,600
	4.8	1.0	10,400	8,800	10,800	9,500	11,000	9,900
	5.5	1.3	11,400	9,100	11,800	9,900	12,100	10,200
	PD (in W.C.)[2]		0.0049		0.0062		0.0069	

Table 267: Model WSCH/WSDH024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	1.1	15,400	12,800	16,300	13,900	17,100	14,900
	6.0	1.6	16,900	13,400	17,700	14,400	18,500	15,400
	7.0	2.2	18,300	13,900	19,100	14,900	20,000	15,900
	PD (in W.C.)[2]		0.0074		0.0090		0.0108	

Table 268: Model WSCH/WSDH030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	1.8	16,500	14,400	17,100	15,200	18,100	16,300
	7.5	2.6	17,900	15,000	18,500	15,800	19,500	16,900
	8.8	3.7	19,400	15,600	20,100	16,400	21,100	17,500
	PD (in W.C.)[2]		0.0108		0.0127		0.0159	

Table 269: Model WSCH/WSDH036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	2.6	22,000	18,700	23,300	20,000	24,600	21,400
	9.0	3.9	23,800	19,400	25,000	20,700	26,300	22,100
	10.5	5.4	25,500	20,100	26,800	21,400	28,100	22,800
	PD (in W.C.)[2]		0.0077		0.0095		0.0114	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 270: Model WSCH/WSDH042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	3.7	23,600	19,800	25,000	21,200	26,500	22,700
	10.5	5.5	25,300	20,500	26,700	21,900	28,200	23,400
	12.3	7.7	27,100	21,200	28,400	22,600	30,000	24,200
	PD (in W.C.)[2]		0.0098		0.0120		0.0148	

Table 271: Model WSCH/WSDH048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	4.4	29,500	23,700	31,100	25,300	32,700	27,000
	12.0	6.6	31,600	24,600	33,200	26,200	34,800	27,800
	14.0	9.3	33,800	25,500	35,400	27,100	36,900	28,700
	PD (in W.C.)[2]		0.0083		0.0102		0.0123	

Table 272: Model WSCH/WSDH060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	7.1	34,200	27,200	36,000	28,900	37,900	30,700
	15.0	10.7	36,400	28,100	38,300	29,900	40,100	31,700
	17.5	15.0	38,600	29,000	40,500	30,800	42,300	32,600
	PD (in W.C.)[2]		0.0077		0.0094		0.0113	

Table 273: Model WSCH/WSDH070, 2050 to 2450 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			2050		2350		2450	
			Total	Sensible	Total	Sensible	Total	Sensible
070	12.0	9.4	43,100	34,000	45,400	36,200	46,200	36,900
	18.0	14.0	45,800	35,200	48,200	37,300	48,900	38,000
	24.0	19.6	48,600	36,300	50,900	38,500	51,700	39,200
	PD (in W.C.)[2]		0.0061		0.0075		0.0080	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 274: Model WSMH007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.4	4,300	3,900	4,700	4,400	5,300	5,100
	1.6	0.4	4,500	3,900	4,900	4,400	5,500	5,200
	1.8	0.5	4,800	4,100	5,200	4,600	5,900	5,400
	2.0	0.6	5,200	4,300	5,600	4,800	6,200	5,500
	PD (in W.C.)[2]		0.0018		0.0025		0.0036	

Table 275: Model WSMH009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.6	4,900	4,400	5,200	4,800	5,500	5,200
	2.1	0.7	5,200	4,500	5,500	4,900	5,800	5,300
	2.25	0.9	5,400	4,700	5,700	5,100	6,000	5,500
	2.6	1.1	5,800	4,900	6,100	5,300	6,400	5,700
	PD (in W.C.)[2]		0.0025		0.0033		0.0040	

Table 276: Model WSMH012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	1.0	6,100	5,500	6,300	5,800	6,400	6,000
	2.8	1.3	6,500	5,600	6,700	6,000	6,800	6,200
	3.0	1.5	6,700	5,800	7,000	6,100	7,100	6,300
	3.5	2.0	7,400	6,000	7,600	6,400	7,700	6,500
	PD (in W.C.)[2]		0.0040		0.0049		0.0053	

Table 277: Model WSMH015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.4	7,500	7,000	7,700	7,400	8,300	8,200
	3.4	0.5	7,900	7,200	8,200	7,600	8,700	8,400
	3.75	0.6	8,500	7,400	8,700	7,800	9,300	8,600
	4.4	0.8	9,300	7,800	9,600	8,200	10,100	9,000
	PD (in W.C.)[2]		0.0038		0.0045		0.0058	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 278: Model WSMH019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	0.7	8,700	7,900	9,200	8,600	9,400	8,900
	4.4	0.9	9,200	8,100	9,700	8,800	9,900	9,100
	4.8	1.1	9,700	8,300	10,200	9,000	10,400	9,300
	5.5	1.4	10,500	8,700	11,100	9,400	11,300	9,700
	PD (in W.C.)[2]		0.0052		0.0066		0.0074	

Table 279: Model WSMH/WSNH024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	1.1	13,500	12,100	14,200	13,000	15,000	13,900
	6.0	1.6	14,900	12,600	15,600	13,500	16,400	14,400
	7.0	2.2	16,200	13,200	17,000	14,000	17,700	14,900
	PD (in W.C.)[2]		0.0041		0.0051		0.0061	

Table 280: Model WSMH/WSNH030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	1.8	15,200	13,400	15,800	14,200	16,800	15,200
	7.5	2.6	16,600	14,000	17,200	14,700	18,100	15,800
	8.8	3.7	18,000	14,600	18,600	15,300	19,600	16,400
	PD (in W.C.)[2]		0.0061		0.0072		0.0089	

Table 281: Model WSMH/WSNH036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	3.0	20,900	17,600	22,100	18,900	23,300	20,100
	9.0	4.5	22,500	18,300	23,700	19,600	24,900	20,800
	10.5	6.3	24,100	19,000	25,300	20,200	26,500	21,500
	PD (in W.C.)[2]		0.0060		0.0074		0.0089	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 282: Model WSMH/WSNH042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	4.3	22,900	19,100	24,200	20,400	25,700	21,900
	10.5	6.3	24,500	19,800	25,900	21,100	27,400	22,600
	12.3	9.0	26,300	20,500	27,600	21,800	29,100	23,300
	PD (in W.C.)[2]		0.0077		0.0094		0.0116	

Table 283: Model WSMH/WSNH048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	4.2	28,400	23,200	29,900	24,700	31,400	26,200
	12.0	6.2	30,400	24,000	31,900	25,500	33,400	27,000
	14.0	8.7	32,400	24,900	33,900	26,400	35,300	27,800
	PD (in W.C.)[2]		0.0035		0.0042		0.0050	

Table 284: Model WSMH/WSNH060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	6.7	32,400	26,300	34,500	28,100	36,600	29,900
	15.0	10.1	35,100	27,400	37,200	29,200	39,200	31,000
	17.5	14.2	37,800	28,500	39,900	30,300	41,900	32,100
	PD (in W.C.)[2]		0.0048		0.0059		0.0070	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 285: Model WSSH007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.12	4,100	3,900	4,500	4,300	5,100	4,800
	1.6	0.1	4,100	3,900	4,500	4,300	5,200	4,900
	1.8	0.2	4,200	3,900	4,600	4,300	5,200	4,900
	2.0	0.2	4,200	4,000	4,600	4,400	5,300	5,000
	PD (in W.C.)[2]		0.0012		0.0016		0.0023	

Table 286: Model WSSH009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.18	4,700	4,200	5,000	4,400	5,300	4,700
	2.1	0.2	4,800	4,200	5,000	4,500	5,300	4,700
	2.25	0.3	4,800	4,300	5,100	4,500	5,400	4,800
	2.6	0.3	4,900	4,300	5,200	4,600	5,400	4,800
	PD (in W.C.)[2]		0.0016		0.0021		0.0026	

Table 287: Model WSSH012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	0.3	5,200	4,300	5,500	4,700	5,600	4,900
	2.8	0.4	6,900	5,500	7,200	5,900	7,300	6,100
	3.0	0.4	8,000	6,300	8,300	6,700	8,400	6,900
	3.5	0.6	10,800	8,300	11,100	8,700	11,200	8,900
	PD (in W.C.)[2]		0.0025		0.0031		0.0033	

Table 288: Model WSSH015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.4	5,600	5,100	5,900	5,600	6,400	6,400
	3.4	0.4	7,000	6,100	7,200	6,500	7,700	7,300
	3.75	0.5	8,700	7,300	9,000	7,700	9,500	8,600
	4.4	0.7	11,400	9,200	11,600	9,600	12,200	10,400
	PD (in W.C.)[2]		0.0022		0.0025		0.0033	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 289: Model WSSH019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	0.7	8,400	7,800	8,800	8,500	9,000	8,900
	4.4	0.9	9,000	8,000	9,400	8,800	9,600	9,100
	4.8	1.0	9,600	8,200	10,000	9,000	10,200	9,300
	5.5	1.3	10,600	8,600	11,000	9,300	11,200	9,700
	PD (in W.C.)[2]		0.0049		0.0058		0.0062	

Table 290: Model WSSH/WSTH024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	1.3	16,000	12,300	16,700	13,100	17,400	13,900
	6.0	1.9	17,200	12,800	17,900	13,600	18,700	14,400
	7.0	2.6	18,500	13,200	19,200	14,100	19,900	14,900
	PD (in W.C.)[2]		0.0034		0.0041		0.0048	

Table 291: Model WSSH/WSTH030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	2.1	16,400	13,600	17,000	14,300	17,900	15,400
	7.5	3.0	17,700	14,200	18,300	14,900	19,300	15,900
	8.8	4.2	19,200	14,800	19,800	15,500	20,700	16,500
	PD (in W.C.)[2]		0.0048		0.0057		0.0069	

Table 292: Model WSSH/WSTH036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	2.2	22,100	16,500	23,000	17,500	23,900	18,400
	9.0	3.3	23,500	17,100	24,400	18,100	25,200	19,000
	10.5	4.6	24,900	17,700	25,800	18,600	26,600	19,600
	PD (in W.C.)[2]		0.0023		0.0028		0.0033	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 293: Model WSSH/WSTH042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	3.1	22,700	18,400	23,900	19,600	25,300	20,900
	10.5	4.6	24,300	19,100	25,500	20,200	26,900	21,600
	12.3	6.5	26,000	19,800	27,200	20,900	28,600	22,300
	PD (in W.C.)[2]		0.0028		0.0035		0.0042	

Table 294: Model WSSH/WSTH048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	4.6	26,900	21,900	28,300	23,300	29,600	24,600
	12.0	6.8	28,800	22,700	30,100	24,100	31,500	25,400
	14.0	9.6	30,700	23,500	32,000	24,800	33,300	26,200
	PD (in W.C.)[2]		0.0030		0.0036		0.0044	

Table 295: Model WSSH/WSTH060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	7.4	32,300	25,800	33,900	27,300	35,600	28,900
	15.0	11.0	34,500	26,700	36,100	28,200	37,700	29,800
	17.5	15.6	36,600	27,600	38,200	29,200	39,900	30,700
	PD (in W.C.)[2]		0.0053		0.0065		0.0077	

Table 296: Model WSSH/WSTH070, 2050 to 2450 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			2050		2350		2450	
			Total	Sensible	Total	Sensible	Total	Sensible
070	14.6	10.3	38,100	29,900	40,000	31,800	40,700	32,400
	17.5	15.3	40,400	31,000	42,400	32,800	43,100	33,400
	20.4	21.5	42,800	32,000	44,800	33,800	45,500	34,400
	PD (in W.C.)[2]		0.0053		0.0065		0.0070	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

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Table 297: Model WSCV007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.3	4,100	3,400	4,500	4,000	5,200	4,800
	1.6	0.3	4,300	3,600	4,800	4,100	5,500	5,000
	1.8	0.4	4,600	3,700	5,100	4,300	5,800	5,100
	2.0	0.5	5,100	4,000	5,600	4,500	6,300	5,400
	PD (in W.C.)[2]		0.0028		0.0039		0.0058	

Table 298: Model WSCV009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.4	5,900	5,200	6,300	5,700	6,700	6,200
	2.1	0.5	6,200	5,300	6,600	5,800	7,000	6,300
	2.25	0.6	6,500	5,500	6,900	6,000	7,300	6,500
	2.6	0.8	7,100	5,800	7,500	6,300	7,900	6,800
	PD (in W.C.)[2]		0.0039		0.0051		0.0065	

Table 299: Model WSCV012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	0.2	7,700	6,700	8,000	7,100	8,200	7,300
	2.8	0.4	8,100	6,800	8,400	7,300	8,600	7,500
	3.0	0.8	8,400	7,000	8,800	7,400	8,900	7,600
	3.5	1.3	9,200	7,300	9,500	7,700	9,600	8,000
	PD (in W.C.)[2]		0.0067		0.0082		0.0090	

Table 300: Model WSCV015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.7	10,100	8,700	10,500	9,200	11,200	10,100
	3.4	0.8	10,600	8,900	10,900	9,400	11,700	10,300
	3.75	0.9	11,000	9,100	11,400	9,600	12,100	10,500
	4.4	1.2	11,900	9,500	12,300	10,000	13,000	10,900
	PD (in W.C.)[2]		0.0050		0.0058		0.0075	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 301: Model WSCV019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	0.8	12,000	10,100	12,700	11,000	13,000	11,400
	4.4	0.9	12,500	10,400	13,300	11,200	13,600	11,700
	4.8	1.1	13,100	10,600	13,800	11,500	14,200	11,900
	5.5	1.4	14,300	11,100	15,000	11,900	15,400	12,400
	PD (in W.C.)[2]		0.0066		0.0084		0.0093	

Table 302: Model WSCV/WSDV024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	1.3	15,700	13,300	16,400	14,200	17,100	15,100
	6.0	1.8	17,100	13,900	17,800	14,800	18,500	15,600
	7.0	2.4	18,500	14,500	19,200	15,300	19,900	16,200
	PD (in W.C.)[2]		0.0061		0.0073		0.0086	

Table 303: Model WSCV/WSDV030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	1.5	16,800	14,900	17,500	15,700	18,600	16,900
	7.5	2.9	18,600	15,700	19,300	16,500	20,500	17,600
	8.8	4.7	20,500	16,400	21,200	17,200	22,300	18,400
	PD (in W.C.)[2]		0.0086		0.0101		0.0124	

Table 304: Model WSCV/WSDV036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	1.3	22,900	19,400	23,800	20,700	24,800	22,000
	9.0	2.0	25,000	20,300	26,000	21,600	27,000	22,900
	10.5	2.7	27,200	21,200	28,200	22,500	29,200	23,800
	PD (in W.C.)[2]		0.0060		0.0073		0.0088	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 305: Model WSCV/WSDV042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	1.8	25,700	21,700	26,900	23,100	28,300	24,700
	10.5	2.7	28,100	22,700	29,300	24,000	30,600	25,600
	12.3	3.9	30,500	23,600	31,600	25,000	33,000	26,600
	PD (in W.C.)[2]		0.0076		0.0093		0.0113	

Table 306: Model WSCV/WSDV048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	1.9	34,800	28,900	36,500	30,900	38,100	32,900
	12.0	2.9	37,900	30,100	39,500	32,100	41,200	34,100
	14.0	4.0	41,000	31,400	42,600	33,400	44,300	35,400
	PD (in W.C.)[2]		0.0055		0.0067		0.0081	

Table 307: Model WSCV/WSDV060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	2.0	41,300	33,900	43,500	36,200	45,700	38,500
	15.0	2.8	44,600	35,300	46,800	37,500	49,000	39,800
	17.5	3.6	47,900	36,600	50,100	38,900	52,300	41,100
	PD (in W.C.)[2]		0.0053		0.0065		0.0077	

Table 308: Model WSCV/WSDV070, 2050 to 2450 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			2050		2350		2450	
			Total	Sensible	Total	Sensible	Total	Sensible
070	14.6	4.4	46,800	37,900	49,200	40,300	50,000	41,200
	17.5	6.6	50,100	39,300	52,500	41,700	53,300	42,500
	20.4	9.2	53,400	40,600	55,700	43,000	56,500	43,800
	PD (in W.C.)[2]		0.0098		0.0119		0.0127	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 309: Model WSMV007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.4	5,000	4,300	5,500	5,000	6,300	5,900
	1.6	0.5	5,300	4,500	5,800	5,100	6,500	6,000
	1.8	0.6	5,600	4,600	6,100	5,200	6,800	6,200
	2.0	0.8	6,200	4,900	6,700	5,500	7,400	6,400
	PD (in W.C.)[2]		0.0011		0.0016		0.0024	

Table 310: Model WSMV009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.7	6,200	5,400	6,700	5,900	7,200	6,500
	2.1	0.8	6,600	5,500	7,100	6,100	7,500	6,600
	2.25	1.0	6,900	5,600	7,400	6,200	7,900	6,800
	2.6	1.3	7,600	5,900	8,100	6,500	8,600	7,100
	PD (in W.C.)[2]		0.0016		0.0021		0.0027	

Table 311: Model WSMV012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	1.2	8,300	7,000	8,700	7,500	8,900	7,700
	2.8	1.5	8,700	7,100	9,100	7,600	9,300	7,900
	3.0	1.7	9,000	7,300	9,500	7,800	9,700	8,000
	3.5	2.4	9,800	7,600	10,200	8,100	10,400	8,300
	PD (in W.C.)[2]		0.0026		0.0032		0.0036	

Table 312: Model WSMV015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.5	10,700	9,400	11,100	9,900	12,000	11,000
	3.4	0.6	11,200	9,600	11,700	10,200	12,500	11,300
	3.75	0.8	11,800	9,800	12,200	10,400	13,100	11,500
	4.4	1.0	12,900	10,300	13,300	10,900	14,100	12,000
	PD (in W.C.)[2]		0.0033		0.0039		0.0049	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 313: Model WSMV019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	1.2	12,900	11,100	13,700	12,100	14,200	12,600
	4.4	1.4	13,500	11,300	14,400	12,400	14,800	12,900
	4.8	1.7	14,200	11,600	15,000	12,700	15,500	13,200
	5.5	2.4	15,500	12,200	16,300	13,200	16,800	13,700
	PD (in W.C.)[2]		0.0043		0.0055		0.0061	

Table 314: Model WSMV/WSNV024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	1.1	16,600	13,900	17,400	14,900	18,200	15,900
	6.0	1.6	18,100	14,600	18,900	15,600	19,700	16,500
	7.0	2.3	19,600	15,200	20,400	16,200	21,300	17,200
	PD (in W.C.)[2]		0.0026		0.0032		0.0039	

Table 315: Model WSMV/WSNV030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	1.8	20,100	16,700	20,900	17,600	22,200	18,900
	7.5	2.7	21,800	17,400	22,600	18,300	23,800	19,600
	8.8	3.8	23,400	18,000	24,200	18,900	25,400	20,300
	PD (in W.C.)[2]		0.0039		0.0046		0.0057	

Table 316: Model WSMV/WSNV036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	1.0	27,200	23,000	28,700	24,800	30,100	26,500
	9	1.5	29,800	24,200	31,200	25,900	32,700	27,600
	10.5	2.1	32,400	25,300	33,800	27,000	35,300	28,700
	PD (in W.C.)[2]		0.0037		0.0044		0.0053	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 317: Model WSMV/WSNV042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	1.4	29,500	24,400	31,100	26,100	32,900	28,000
	10.5	2.1	32,100	25,400	33,700	27,100	35,500	29,100
	12.3	3.0	34,800	26,500	36,300	28,200	38,100	30,100
	PD (in W.C.)[2]		0.0036		0.0044		0.0054	

Table 318: Model WSMV/WSNV048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	2.3	35,300	28,600	37,200	30,600	39,100	32,600
	12.0	3.4	38,000	29,800	39,900	31,800	41,800	33,800
	14.0	4.7	40,700	30,900	42,600	32,900	44,500	34,900
	PD (in W.C.)[2]		0.0035		0.0043		0.0051	

Table 319: Model WSMV/WSNV060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	3.7	41,900	33,600	44,100	35,800	46,300	38,000
	15.0	5.5	45,000	34,800	47,100	37,100	49,300	39,300
	17.5	7.7	48,000	36,100	50,100	38,300	52,300	40,500
	PD (in W.C.)[2]		0.0049		0.0060		0.0072	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 320: Model WSSV007, 200 to 325 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			200		250		325	
			Total	Sensible	Total	Sensible	Total	Sensible
007	1.5	0.4	5,400	4,800	5,900	5,400	6,600	6,400
	1.6	0.5	5,700	4,900	6,200	5,500	6,900	6,500
	1.8	0.6	6,000	5,100	6,500	5,700	7,200	6,600
	2.0	0.8	6,600	5,300	7,100	5,900	7,800	6,900
	PD (in W.C.)[2]		0.0013		0.0017		0.0024	

Table 321: Model WSSV009, 250 to 350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			250		300		350	
			Total	Sensible	Total	Sensible	Total	Sensible
009	1.9	0.7	6,400	5,400	6,900	6,000	7,400	6,500
	2.1	0.8	6,700	5,500	7,200	6,100	7,700	6,700
	2.25	1.0	7,100	5,700	7,500	6,300	8,000	6,800
	2.6	1.3	7,700	6,000	8,200	6,500	8,700	7,100
	PD (in W.C.)[2]		0.0017		0.0021		0.0027	

Table 322: Model WSSV012, 350 to 425 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			350		400		425	
			Total	Sensible	Total	Sensible	Total	Sensible
012	2.5	1.2	8,500	7,000	8,900	7,500	9,100	7,800
	2.8	1.4	8,900	7,200	9,300	7,700	9,500	7,900
	3.0	1.7	9,300	7,400	9,700	7,800	9,900	8,100
	3.5	2.4	10,100	7,700	10,500	8,200	10,700	8,400
	PD (in W.C.)[2]		0.0027		0.0033		0.0036	

Table 323: Model WSSV015, 450 to 600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			450		500		600	
			Total	Sensible	Total	Sensible	Total	Sensible
015	3.1	0.5	11,100	9,600	11,700	10,300	12,800	11,700
	3.4	0.5	11,700	9,900	12,300	10,600	13,400	12,000
	3.75	0.6	12,300	10,100	12,900	10,800	14,000	12,200
	4.4	0.9	13,500	10,600	14,100	11,300	15,200	12,700
	PD (in W.C.)[2]		0.0014		0.0016		0.0021	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 324: Model WSSV019, 550 to 700 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			550		650		700	
			Total	Sensible	Total	Sensible	Total	Sensible
019	4.0	0.7	13,100	10,300	14,000	11,400	14,500	12,000
	4.4	0.9	13,800	10,600	14,700	11,700	15,200	12,300
	4.8	1.0	14,500	10,900	15,400	12,000	15,900	12,600
	5.5	1.4	15,800	11,500	16,800	12,600	17,300	13,200
	PD (in W.C.)[2]		0.0031		0.0037		0.0040	

Table 325: Model WSSV/WSTV024, 700 to 900 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			700		800		900	
			Total	Sensible	Total	Sensible	Total	Sensible
024	5.0	0.5	19,900	16,800	21,000	18,200	22,200	19,600
	6.0	0.7	21,900	17,700	23,000	19,100	24,100	20,500
	7.0	0.9	23,800	18,600	24,900	20,000	26,100	21,400
	PD (in W.C.)[2]		0.0021		0.0025		0.0029	

Table 326: Model WSSV/WSTV030, 900 to 1150 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			900		1000		1150	
			Total	Sensible	Total	Sensible	Total	Sensible
030	6.3	0.7	22,000	17,500	23,200	18,800	25,000	20,800
	7.5	1.0	24,300	18,500	25,500	19,800	27,200	21,800
	8.8	1.4	26,600	19,500	27,800	20,900	29,500	22,800
	PD (in W.C.)[2]		0.0029		0.0034		0.0042	

Table 327: Model WSSV/WSTV036, 1050 to 1350 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1050		1200		1350	
			Total	Sensible	Total	Sensible	Total	Sensible
036	7.5	1.2	27,000	20,600	28,600	22,200	30,200	23,800
	9.0	1.8	29,600	21,800	31,200	23,400	32,800	24,900
	10.5	2.5	32,200	22,900	33,800	24,500	35,400	26,100
	PD (in W.C.)[2]		0.0023		0.0028		0.0033	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Table 328: Model WSSV/WSTV042, 1225 to 1600 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1225		1400		1600	
			Total	Sensible	Total	Sensible	Total	Sensible
042	8.8	1.7	27,700	21,000	29,500	22,900	31,600	25,100
	10.5	2.5	30,200	22,100	32,000	24,000	34,100	26,200
	12.3	3.5	32,800	23,200	34,700	25,100	36,800	27,300
	PD (in W.C.)[2]		0.0028		0.0035		0.0043	

Table 329: Model WSSV/WSTV048, 1400 to 1800 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1400		1600		1800	
			Total	Sensible	Total	Sensible	Total	Sensible
048	10.0	1.0	36,400	31,000	38,400	33,300	40,300	35,700
	12.0	1.5	39,900	32,500	41,900	34,900	43,900	37,200
	14.0	2.1	43,500	34,100	45,500	36,400	47,400	38,700
	PD (in W.C.)[2]		0.0038		0.0047		0.0055	

Table 330: Model WSSV/WSTV060, 1750 to 2250 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			1750		2000		2250	
			Total	Sensible	Total	Sensible	Total	Sensible
060	12.5	1.6	44,300	37,100	46,300	39,600	48,200	42,100
	15.0	2.4	48,200	38,700	50,200	41,200	52,200	43,800
	17.5	3.4	52,200	40,400	54,200	42,900	56,200	45,400
	PD (in W.C.)[2]		0.0053		0.0065		0.0077	

Table 331: Model WSSV/WSTV070, 2050 to 2450 CFM[1]

Unit Size	GPM	WPD ft of W.C.[3]	CFM					
			2050		2350		2450	
			Total	Sensible	Total	Sensible	Total	Sensible
070	14.6	2.3	49,600	40,800	52,100	43,600	52,900	44,600
	17.5	3.4	53,300	42,400	55,800	45,300	56,700	46,300
	20.4	4.8	57,100	44,100	59,600	46,900	60,400	47,900
	PD (in W.C.)[2]		0.0067		0.0082		0.0087	

[1] Capacity is based on 80/67°F entering air and 45°F entering water temperatures. Total and sensible capacities are MBtuh.
[2] Air PD is air pressure drop in inches of water column wet coil.
[3] WPD is water side pressure drop in feet of water. Coil pressure drop only.

Heating Data

Horizontal Unit Hydronic Heat Performance

Table 332: Unit WSCH (Sizes 007-070) / WSDH (Sizes 024-070) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.13	250	2,600	85.0	80.0	4,200	92.0	86.0	5,900	99.0	92.0	7,500	105.0	98.0
	1.5	0.28		2,900	87.0	81.0	4,600	94.0	88.0	6,200	102.0	93.0	7,900	110.0	100.0
	2.0	0.48		3,300	87.0	83.0	4,900	96.0	89.0	6,500	104.0	95.0	8,200	112.0	101.0
	2.5	0.73		3,600	88.0	84.0	5,200	96.0	90.0	6,900	105.0	96.0	8,500	114.0	102.0
009	1.0	0.13	300	3,200	84.0	80.0	5,200	90.0	87.0	7,200	96.0	93.0	9,200	102.0	99.0
	1.5	0.28		3,500	86.0	81.0	5,400	93.0	87.0	7,400	101.0	93.0	9,500	108.0	100.0
	2.25	0.62		3,900	87.0	83.0	5,800	95.0	88.0	7,900	103.0	95.0	9,900	112.0	101.0
	3.0	1.07		4,300	88.0	84.0	6,200	96.0	90.0	8,300	105.0	96.0	10,300	114.0	102.0
012	1.5	0.28	400	4,000	85.0	80.0	6,300	92.0	85.0	8,700	99.0	91.0	11,200	106.0	96.0
	2.0	0.49		4,200	86.0	80.0	6,600	94.0	86.0	9,000	101.0	91.0	11,400	109.0	97.0
	3.0	1.12		4,600	87.0	81.0	7,000	96.0	87.0	9,400	104.0	92.0	11,900	113.0	98.0
	4.0	2.01		5,100	88.0	82.0	7,500	97.0	88.0	9,900	106.0	93.0	12,300	114.0	99.0
015	2.0	0.1	500	5,500	85.0	81.0	8,800	92.0	87.0	12,200	98.0	93.0	15,500	105.0	99.0
	2.5	0.2		5,800	86.0	81.0	9,100	93.0	87.0	12,500	100.0	94.0	15,800	108.0	100.0
	3.75	0.5		6,500	87.0	83.0	9,800	95.0	89.0	13,200	103.0	95.0	16,600	112.0	101.0
	5.0	0.8		7,300	88.0	84.0	10,600	96.0	90.0	14,000	105.0	96.0	17,300	114.0	103.0
019	2.5	0.3	600	6,500	85.0	81.0	10,400	92.0	87.0	14,300	99.0	93.0	18,300	106.0	99.0
	3.0	0.4		6,800	86.0	81.0	10,700	93.0	87.0	14,600	101.0	93.0	18,500	108.0	99.0
	4.5	0.9		7,600	87.0	82.0	11,500	95.0	88.0	15,400	104.0	94.0	19,400	112.0	100.0
	6.0	1.5		8,500	88.0	84.0	12,300	96.0	89.0	16,300	105.0	96.0	20,200	114.0	102.0
024	4.0	0.7	800	9,200	86.0	81.0	14,400	93.0	87.0	19,600	101.0	93.0	24800	108.0	99.0
	6.0	1.6		10,200	87.0	82.0	15,400	95.0	88.0	20,600	104.0	94.0	25800	112.0	100.0
	8.0	2.9		11,200	88.0	83.0	16,400	96.0	89.0	21,600	105.0	95.0	26900	114.0	102.0
030	5.0	1.1	1000	9,200	87.0	79.0	14,400	95.0	84.0	19,700	103.0	89.0	25,000	110.0	94.0
	7.5	2.6		10,200	88.0	80.0	15,400	96.0	85.0	20,600	105.0	90.0	25,900	114.0	94.0
	10.0	4.9		11,200	88.0	81.0	16,400	97.0	86.0	21,600	106.0	90.0	26,900	115.0	95.0
036	6.0	1.6	1200	12,900	86.0	80.0	20,100	94.0	86.0	27,300	101.0	92.0	34,600	109.0	97.0
	9.0	3.9		14,200	87.0	81.0	21,400	96.0	87.0	28,600	104.0	93.0	35,900	113.0	98.0
	12.0	7.3		15,500	88.0	82.0	22,700	97.0	88.0	29,900	106.0	94.0	37,200	114.0	99.0
042	7.0	2.3	1400	14,400	86.0	80.0	22,400	94.0	85.0	30,400	102.0	91.0	38,500	109.0	96.0
	10.5	5.5		15,800	87.0	81.0	23,800	96.0	86.0	31,800	104.0	92.0	39,900	113.0	97.0
	14.0	10.3		17,200	88.0	82.0	25,200	97.0	87.0	33,200	106.0	92.0	41,300	115.0	98.0
048	8.0	2.7	1600	20,300	85.0	82.0	31,300	93.0	89.0	42,400	100.0	95.0	53,500	107.0	101.0
	12.0	6.6		21,800	87.0	83.0	32,800	95.0	89.0	43,900	103.0	96.0	55,000	111.0	102.0
	16.0	12.4		23,300	88.0	84.0	34,300	96.0	90.0	45,300	105.0	97.0	56,500	113.0	103.0
060	10.0	4.4	2000	25,100	85.0	82.0	38,700	93.0	88.0	52,300	100.0	95.0	66,000	107.0	101.0
	15.0	10.7		26,800	87.0	83.0	40,400	95.0	89.0	54,000	103.0	95.0	67,700	111.0	102.0
	20.0	20.2		28,600	88.0	84.0	42,100	96.0	90.0	55,700	105.0	96.0	69,400	114.0	103.0
070	12.0	6.2	2300	23,900	87.0	80.0	37,300	94.0	86.0	50,800	102.0	91.0	64,400	110.0	96.0
	18.0	14.9		25,800	88.0	81.0	39,200	96.0	86.0	52,700	105.0	92.0	66,300	113.0	97.0
	24.0	27.9		27,700	88.0	82.0	41,100	97.0	87.0	54,600	106.0	92.0	68,200	115.0	98.0

NOTE: Data based on 70°F EDB.

Table 333: Unit WSMH (Sizes 007-060) / WSNH (Sizes 024-060) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.17	250	3,400	84.0	83.0	5,200	90.0	90.0	7,000	96.0	96.0	8,900	103.0	103.0
	1.5	0.37		3,700	86.0	84.0	5,500	93.0	91.0	7,300	101.0	98.0	9,200	108.0	105.0
	2.0	0.64		3,900	87.0	85.0	5,800	95.0	92.0	7,600	103.0	99.0	9,400	111.0	105.0
	2.5	0.97		4,200	87.0	86.0	6,000	96.0	93.0	7,900	104.0	100.0	9,700	113.0	106.0
009	1.0	0.16	300	3,100	84.0	80.0	6,100	88.0	89.0	9,700	91.0	100.0	12,100	96.0	108.0
	1.5	0.36		3,400	86.0	81.0	6,300	92.0	90.0	10,000	97.0	101.0	12,300	104.0	108.0
	2.25	0.81		3,800	87.0	82.0	6,700	95.0	91.0	10,400	101.0	103.0	12,700	109.0	110.0
	3.0	1.45		4,200	88.0	83.0	7,200	96.0	93.0	10,800	103.0	104.0	13,100	112.0	111.0
012	1.5	0.34	400	4,900	84.0	82.0	7,800	90.0	89.0	10,700	96.0	95.0	13,600	102.0	102.0
	2.0	0.62		5,200	85.0	83.0	8,000	92.0	89.0	10,900	100.0	96.0	13,900	107.0	103.0
	3.0	1.47		5,600	87.0	83.0	8,500	95.0	90.0	11,400	103.0	97.0	14,300	111.0	104.0
	4.0	2.71		6,100	87.0	85.0	9,000	96.0	91.0	11,900	105.0	98.0	14,800	113.0	105.0
015	2.0	0.2	500	8,300	82.0	86.0	12,800	88.0	94.0	17,400	93.0	103.0	22,000	98.0	111.0
	2.5	0.3		8,500	84.0	86.0	13,100	90.0	95.0	17,600	96.0	103.0	22,200	103.0	112.0
	3.75	0.6		9,000	86.0	87.0	13,600	93.0	96.0	18,200	101.0	104.0	22,800	108.0	113.0
	5.0	1.1		9,600	87.0	88.0	14,100	95.0	97.0	18,700	103.0	105.0	23,300	111.0	114.0
019	2.5	0.3	600	7,300	85.0	82.0	12,000	91.0	89.0	14,100	99.0	92.0	20,100	104.0	102.0
	3.0	0.4		7,500	85.0	82.0	12,200	92.0	89.0	14,400	101.0	93.0	20,400	107.0	102.0
	4.5	0.9		8,300	87.0	83.0	13,000	95.0	91.0	15,100	104.0	94.0	21,100	111.0	103.0
	6.0	1.6		9,000	87.0	84.0	13,700	96.0	92.0	15,900	105.0	95.0	21,900	113.0	104.0
024	4.0	0.7	800	10,300	85.0	82.0	16,100	92.0	89.0	21,900	100.0	96.0	27,700	107.0	103.0
	6.0	1.6		11,500	87.0	84.0	17,300	95.0	91.0	23,100	103.0	97.0	28,900	111.0	104.0
	8.0	2.9		12,700	87.0	85.0	18,400	96.0	92.0	24,300	104.0	99.0	30,100	113.0	105.0
030	5.0	1.1	1000	11,600	86.0	81.0	18,100	93.0	87.0	24,700	101.0	93.0	31,300	108.0	99.0
	7.5	2.6		12,900	87.0	82.0	19,400	95.0	88.0	26,000	104.0	95.0	32,500	112.0	101.0
	10.0	4.8		14,100	88.0	84.0	20,700	96.0	90.0	27,200	105.0	96.0	33,800	114.0	102.0
036	6.0	1.8	1200	16,600	85.0	83.0	25,900	92.0	90.0	35,200	99.0	98.0	44,500	106.0	105.0
	9.0	4.5		18,500	86.0	85.0	27,800	94.0	92.0	37,100	102.0	99.0	46,400	110.0	106.0
	12.0	8.5		20,400	87.0	86.0	29,700	96.0	93.0	39,000	104.0	101.0	48,300	112.0	108.0
042	7.0	2.5	1400	17,500	85.0	82.0	27,200	93.0	88.0	36,900	100.0	95.0	46,700	107.0	101.0
	10.5	6.3		19,300	87.0	83.0	29,000	95.0	90.0	38,700	103.0	96.0	48,500	111.0	103.0
	14.0	12.0		21,100	87.0	84.0	30,800	96.0	91.0	40,500	105.0	97.0	50,300	113.0	104.0
048	8.0	2.5	1600	21,500	85.0	83.0	33,400	92.0	90.0	45,300	99.0	97.0	57,200	106.0	104.0
	12.0	6.2		23,500	87.0	84.0	35,400	95.0	91.0	47,300	103.0	98.0	59,200	111.0	105.0
	16.0	11.7		25,500	87.0	85.0	37,400	96.0	92.0	49,300	104.0	99.0	61,200	113.0	106.0
060	10.0	4.1	2000	27,800	85.0	83.0	43,100	92.0	90.0	58,400	99.0	98.0	73,700	106.0	105.0
	15.0	10.1		30,400	86.0	85.0	45,600	94.0	92.0	60,900	102.0	99.0	76,200	110.0	106.0
	20.0	19.1		32,900	87.0	86.0	48,200	96.0	93.0	63,500	104.0	100.0	78,700	113.0	107.0

NOTE: Data based on 70°F EDB.

Table 334: Unit WSSH (Sizes 007-070) / WSTH (Sizes 024-070) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.05	250	1,000	88.0	74.0	2,800	95.0	81.0	4,600	101.0	88.0	6,400	108.0	94.0
	1.5	0.12		2,100	88.0	78.0	3,900	95.0	85.0	5,600	103.0	91.0	7,500	110.0	98.0
	2.0	0.19		3,200	87.0	82.0	4,900	96.0	89.0	6,700	104.0	95.0	8,500	112.0	102.0
	2.5	0.29		4,300	87.0	86.0	6,000	96.0	93.0	7,800	104.0	99.0	9,600	113.0	106.0
009	1.0	0.05	300	2,800	85.0	79.0	5,600	89.0	88.0	9,000	92.0	98.0	11,200	98.0	105.0
	1.5	0.11		3,100	86.0	80.0	5,900	93.0	89.0	9,300	98.0	99.0	11,600	105.0	106.0
	2.25	0.24		3,700	87.0	82.0	6,500	95.0	91.0	9,900	102.0	101.0	12,100	110.0	108.0
	3.0	0.41		4,200	88.0	83.0	7,000	96.0	92.0	10,400	104.0	103.0	12,700	112.0	110.0
012	1.5	0.11	400	4,900	84.0	82.0	8,000	90.0	89.0	11,000	96.0	96.0	14,000	102.0	103.0
	2.0	0.20		5,300	85.0	83.0	8,300	92.0	90.0	11,300	99.0	97.0	14,400	106.0	104.0
	3.0	0.42		6,000	86.0	84.0	9,000	94.0	91.0	12,000	102.0	98.0	15,100	110.0	105.0
	4.0	0.71		6,700	87.0	86.0	9,700	96.0	93.0	12,700	104.0	100.0	15,800	113.0	107.0
015	2.0	0.2	500	5,700	85.0	81.0	9,200	91.0	88.0	12,700	98.0	94.0	16,200	104.0	100.0
	2.5	0.2		6,000	86.0	82.0	9,500	93.0	88.0	13,000	100.0	95.0	16,500	107.0	101.0
	3.75	0.5		6,800	87.0	83.0	10,300	95.0	90.0	13,800	103.0	96.0	17,300	111.0	103.0
	5.0	0.9		7,600	87.0	85.0	11,100	96.0	91.0	14,600	105.0	98.0	18,100	113.0	104.0
019	2.5	0.3	600	7,100	85.0	81.0	11,400	91.0	88.0	15,600	98.0	95.0	19,900	105.0	101.0
	3.0	0.4		7,400	86.0	82.0	11,700	93.0	89.0	15,900	100.0	95.0	20,200	107.0	102.0
	4.5	0.9		8,400	87.0	83.0	12,600	95.0	90.0	16,900	103.0	97.0	21,200	111.0	103.0
	6.0	1.6		9,300	87.0	85.0	13,500	96.0	91.0	17,800	105.0	98.0	22,100	113.0	105.0
024	4.0	0.8	800	11,000	85.0	83.0	17,100	92.0	90.0	23,300	99.0	97.0	29,500	106.0	105.0
	6.0	1.9		12,200	86.0	85.0	18,400	94.0	92.0	24,600	102.0	99.0	30,800	110.0	106.0
	8.0	3.4		13,500	87.0	86.0	19,700	96.0	93.0	25,900	104.0	100.0	32,100	112.0	108.0
030	5.0	1.3	1000	13,200	85.0	83.0	20,600	92.0	90.0	28,000	99.0	96.0	35,400	106.0	103.0
	7.5	3.0		14,600	87.0	84.0	22,000	95.0	91.0	29,400	103.0	98.0	36,900	111.0	105.0
	10.0	5.6		16,100	87.0	85.0	23,500	96.0	92.0	30,900	104.0	99.0	38,300	113.0	106.0
036	6.0	1.4	1200	14,700	86.0	82.0	22,800	93.0	88.0	30,900	100.0	94.0	39,100	107.0	101.0
	9.0	3.3		16,100	87.0	83.0	24,200	95.0	89.0	32,400	103.0	95.0	40,600	111.0	102.0
	12.0	6.1		17,500	88.0	84.0	25,600	96.0	90.0	33,800	105.0	97.0	42,000	113.0	103.0
042	7.0	1.9	1400	15,900	86.0	81.0	24,700	93.0	87.0	33,500	101.0	93.0	42,400	108.0	99.0
	10.5	4.6		17,400	87.0	82.0	26,100	96.0	88.0	35,000	104.0	94.0	43,800	112.0	99.0
	14.0	8.6		18,800	88.0	83.0	27,600	97.0	89.0	36,400	105.0	95.0	45,300	114.0	100.0
048	8.0	2.8	1600	17,300	86.0	81.0	26,800	94.0	86.0	36,400	101.0	92.0	46,000	109.0	97.0
	12.0	6.8		18,800	87.0	81.0	28,300	96.0	87.0	37,900	104.0	92.0	47,500	113.0	98.0
	16.0	12.9		20,300	88.0	82.0	29,800	97.0	88.0	39,400	106.0	93.0	49,000	114.0	99.0
060	10.0	4.5	2000	24,000	86.0	82.0	37,100	93.0	88.0	50,200	100.0	94.0	63,400	108.0	100.0
	15.0	11.0		26,000	87.0	83.0	39,100	95.0	89.0	52,200	104.0	95.0	65,400	112.0	101.0
	20.0	20.9		28,000	88.0	83.0	41,100	96.0	90.0	54,300	105.0	96.0	67,500	114.0	102.0
070	12.0	6.7	2300	24,400	86.0	80.0	38,200	94.0	86.0	52,100	102.0	91.0	66,000	109.0	97.0
	18.0	16.3		26,400	88.0	81.0	40,200	96.0	87.0	54,100	104.0	92.0	67,900	113.0	98.0
	24.0	30.6		28,400	88.0	82.0	42,200	97.0	87.0	56,000	106.0	93.0	69,900	115.0	99.0

NOTE: Data based on 70°F EDB.

Vertical Unit Hydronic Heat Performance

Table 335: Unit WSCV (Sizes 007-070) / WSDV (Sizes 024-070) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.13	250	2,100	86.0	78.0	3,800	93.0	85.0	5,400	100.0	90.0	7,100	106.0	97.0
	1.5	0.28		2,400	87.0	79.0	4,100	95.0	86.0	5,700	103.0	92.0	7,400	111.0	98.0
	2.0	0.48		2,800	88.0	81.0	4,400	96.0	87.0	6,100	104.0	93.0	7,700	113.0	99.0
	2.5	0.73		3,100	88.0	82.0	4,700	97.0	88.0	6,400	105.0	94.0	8,100	114.0	100.0
009	1.0	0.13	300	2,700	85.0	79.0	5,100	90.0	86.0	8,200	94.0	96.0	10,200	100.0	102.0
	1.5	0.28		2,900	87.0	79.0	5,400	93.0	87.0	8,400	99.0	96.0	10,500	106.0	103.0
	2.25	0.62		3,300	88.0	81.0	5,800	95.0	88.0	8,900	103.0	98.0	10,900	111.0	104.0
	3.0	1.07		3,800	88.0	82.0	6,200	96.0	90.0	9,300	104.0	99.0	11,300	113.0	105.0
012	1.5	0.22	400	2,700	87.0	77.0	5,600	93.0	83.0	8,900	99.0	91.0	11,400	105.0	97.0
	2.0	0.37		2,900	88.0	77.0	5,800	95.0	84.0	9,100	101.0	92.0	11,600	109.0	97.0
	3.0	0.75		3,400	88.0	78.0	6,300	96.0	85.0	9,600	104.0	93.0	12,100	112.0	99.0
	4.0	1.25		3,900	89.0	80.0	6,700	97.0	86.0	10,100	105.0	94.0	12,500	114.0	99.0
015	2.0	0.3	500	4,500	86.0	79.0	8,700	92.0	87.0	13,000	97.0	95.0	16,300	104.0	101.0
	2.5	0.5		4,700	87.0	79.0	8,900	93.0	87.0	13,200	100.0	95.0	16,500	107.0	101.0
	3.75	0.9		5,300	88.0	80.0	9,600	95.0	88.0	13,800	103.0	96.0	17,100	111.0	102.0
	5.0	1.5		5,900	88.0	81.0	10,200	96.0	89.0	14,400	105.0	97.0	17,700	113.0	103.0
019	2.5	0.4	600	4,500	87.0	77.0	9,100	93.0	85.0	13,700	100.0	92.0	17,400	107.0	97.0
	3.0	0.5		4,700	87.0	78.0	9,300	94.0	85.0	13,900	101.0	92.0	17,600	109.0	98.0
	4.5	1.0		5,300	88.0	79.0	9,900	96.0	86.0	14,600	104.0	93.0	18,300	112.0	99.0
	6.0	1.5		6,000	88.0	80.0	10,600	97.0	87.0	15,200	105.0	94.0	18,900	114.0	100.0
024	4.0	0.8	800	8,900	86.0	81.0	13,900	94.0	87.0	18,900	101.0	92.0	23900	109.0	98.0
	6.0	1.8		9,800	87.0	82.0	14,700	96.0	88.0	19,700	104.0	93.0	24800	112.0	99.0
	8.0	3.0		10,600	88.0	83.0	15,600	97.0	89.0	20,600	105.0	94.0	25600	114.0	100.0
030	5.0	1.9	1000	10,400	86.0	80.0	16,200	94.0	85.0	22,000	102.0	91.0	27,800	109.0	96.0
	7.5	4.7		11,300	87.0	81.0	17,100	96.0	86.0	22,900	104.0	92.0	28,700	113.0	97.0
	10.0	8.9		12,300	88.0	82.0	18,000	97.0	87.0	23,800	106.0	93.0	29,700	115.0	98.0
036	6.0	0.8	1200	13,100	86.0	81.0	20,500	94.0	86.0	27,900	101.0	92.0	35,400	109.0	98.0
	9.0	2.0		14,400	87.0	82.0	21,800	96.0	87.0	29,300	104.0	93.0	36,700	112.0	99.0
	12.0	3.7		15,800	88.0	83.0	23,100	97.0	88.0	30,600	105.0	94.0	38,100	114.0	100.0
042	7.0	1.1	1400	14,600	86.0	80.0	22,800	94.0	86.0	31,100	102.0	91.0	39,400	109.0	97.0
	10.5	2.7		16,000	87.0	81.0	24,200	96.0	87.0	32,500	104.0	92.0	40,800	113.0	97.0
	14.0	5.2		17,400	88.0	82.0	25,600	97.0	87.0	33,900	106.0	93.0	42,200	114.0	98.0
048	8.0	1.2	1600	18,500	86.0	81.0	28,500	93.0	87.0	38,800	101.0	93.0	39,000	111.0	93.0
	12.0	2.9		20,200	87.0	82.0	30,200	95.0	88.0	40,500	104.0	94.0	40,800	114.0	94.0
	16.0	5.4		21,900	88.0	83.0	31,900	97.0	89.0	42,300	105.0	95.0	42,500	115.0	95.0
060	10.0	1.3	2000	21,600	86.0	80.0	33,500	94.0	86.0	45,500	101.0	92.0	57,600	109.0	97.0
	15.0	2.8		23,500	87.0	81.0	35,400	96.0	87.0	47,400	104.0	92.0	59,500	113.0	98.0
	20.0	4.6		25,400	88.0	82.0	37,300	97.0	88.0	49,300	106.0	93.0	61,400	114.0	99.0
070	12.0	2.9	2300	23,600	87.0	80.0	37,000	94.0	85.0	50,500	102.0	91.0	64,100	110.0	96.0
	18.0	7.0		25,600	88.0	81.0	39,000	96.0	86.0	52,500	105.0	92.0	66,100	113.0	97.0
	24.0	13.2		27,600	88.0	82.0	41,100	97.0	87.0	54,600	106.0	92.0	68,200	115.0	98.0

NOTE: Data based on 70°F EDB.

Table 336: Unit WSMV (Sizes 007-060) / WSNV (Sizes 024-060) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.21	250	3,200	84.0	82.0	5,000	90.0	89.0	6,700	97.0	95.0	8,500	103.0	102.0
	1.5	0.44		3,500	86.0	83.0	5,200	94.0	90.0	7,000	101.0	96.0	8,800	109.0	103.0
	2.0	0.76		3,800	87.0	85.0	5,500	95.0	91.0	5,500	105.0	91.0	9,000	111.0	104.0
	2.5	1.16		4,100	87.0	86.0	5,800	96.0	92.0	5,800	106.0	92.0	9,300	113.0	105.0
009	1.0	0.19	300	2,900	85.0	79.0	5,700	89.0	88.0	9,000	92.0	98.0	11,200	98.0	105.0
	1.5	0.43		3,200	86.0	80.0	5,900	93.0	89.0	9,300	98.0	99.0	11,500	105.0	106.0
	2.25	0.97		3,500	87.0	81.0	6,300	95.0	90.0	7,500	104.0	94.0	11,800	110.0	107.0
	3.0	1.71		3,900	88.0	83.0	6,700	96.0	91.0	7,900	105.0	95.0	12,200	112.0	108.0
012	1.5	0.41	400	2,900	87.0	77.0	6,100	92.0	85.0	9,800	97.0	93.0	12,500	104.0	99.0
	2.0	0.74		3,100	87.0	78.0	6,300	94.0	85.0	10,000	100.0	94.0	12,700	108.0	100.0
	3.0	1.74		3,500	88.0	79.0	6,700	96.0	86.0	7,800	105.0	89.0	13,100	112.0	101.0
	4.0	3.18		4,000	88.0	80.0	7,200	97.0	87.0	8,300	106.0	90.0	13,600	114.0	102.0
015	2.0	0.3	500	4,800	86.0	79.0	9,600	91.0	88.0	14,400	96.0	97.0	18,000	102.0	104.0
	2.5	0.4		5,100	86.0	80.0	9,800	93.0	89.0	14,700	99.0	98.0	18,300	106.0	104.0
	3.75	0.8		5,700	87.0	81.0	10,500	95.0	90.0	11,800	104.0	92.0	19,000	110.0	106.0
	5.0	1.3		6,400	88.0	82.0	11,200	96.0	91.0	12,400	106.0	93.0	19,600	113.0	107.0
019	2.5	0.4	600	4,700	87.0	78.0	9,900	93.0	86.0	15,200	98.0	94.0	19,300	105.0	100.0
	3.0	0.7		5,000	87.0	78.0	10,200	94.0	86.0	15,400	100.0	94.0	19,600	107.0	101.0
	4.5	1.5		5,700	88.0	79.0	11,000	96.0	87.0	12,100	105.0	89.0	20,300	111.0	102.0
	6.0	2.8		6,500	88.0	81.0	11,700	97.0	89.0	12,800	106.0	90.0	21,100	113.0	103.0
024	4.0	0.7	800	9,500	86.0	81.0	14,700	93.0	88.0	20,000	100.0	94.0	25,400	108.0	100.0
	6.0	1.6		10,400	87.0	83.0	15,600	95.0	89.0	20,900	104.0	95.0	26,300	112.0	101.0
	8.0	3.1		11,300	88.0	84.0	16,500	96.0	90.0	21,900	105.0	96.0	27,200	114.0	102.0
030	5.0	1.1	1000	11,100	86.0	81.0	17,300	94.0	87.0	23,500	101.0	92.0	29,800	109.0	98.0
	7.5	2.7		12,100	87.0	82.0	18,300	96.0	87.0	24,500	104.0	93.0	30,800	112.0	99.0
	10.0	5.1		13,100	88.0	83.0	19,300	97.0	88.0	25,500	105.0	94.0	31,800	114.0	100.0
036	6.0	0.6	1200	13,500	86.0	81.0	21,100	93.0	87.0	28,700	101.0	93.0	36,400	108.0	99.0
	9.0	1.5		14,800	87.0	82.0	22,400	96.0	88.0	30,000	104.0	94.0	37,700	112.0	100.0
	12.0	2.8		16,100	88.0	83.0	23,700	97.0	89.0	31,300	105.0	95.0	39,000	114.0	101.0
042	7.0	0.9	1400	15,100	86.0	80.0	23,500	94.0	86.0	32,000	101.0	92.0	40,500	109.0	97.0
	10.5	2.1		16,500	87.0	81.0	24,900	96.0	87.0	33,300	104.0	93.0	41,800	113.0	98.0
	14.0	4.0		17,900	88.0	82.0	26,200	97.0	88.0	34,700	106.0	93.0	43,200	114.0	99.0
048	8.0	1.4	1600	20,600	85.0	82.0	32,200	92.0	89.0	43,900	100.0	96.0	55,700	107.0	103.0
	12.0	3.4		22,800	87.0	84.0	34,400	95.0	90.0	46,100	103.0	97.0	57,800	111.0	104.0
	16.0	6.3		24,900	87.0	85.0	36,500	96.0	92.0	48,200	104.0	98.0	60,000	113.0	105.0
060	10.0	2.3	2000	24,400	86.0	82.0	38,100	93.0	88.0	51,900	100.0	95.0	65,700	107.0	101.0
	15.0	5.5		26,900	87.0	83.0	40,500	95.0	89.0	54,300	103.0	96.0	68,100	111.0	102.0
	20.0	10.4		29,300	88.0	84.0	43,000	96.0	90.0	56,700	105.0	97.0	70,600	113.0	103.0

NOTE: Data based on 70°F EDB.

Table 337: Unit WSSV (Sizes 007-070) / WSTV (Sizes 024-070) Hydronic Heat Performance

Unit Size	GPM	WPD (ft)	CFM	90°F EWT			100°F EWT			110°F EWT			120°F EWT		
				Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F	Capacity (Btu/h)	LWT °F	LDB °F
007	1.0	0.20	250	3,600	83.0	84.0	5,400	90.0	90.0	7,100	96.0	97.0	8,900	103.0	103.0
	1.5	0.43		3,900	85.0	85.0	5,700	93.0	92.0	7,400	101.0	98.0	9,200	108.0	105.0
	2.0	0.73		4,200	86.0	86.0	5,900	95.0	92.0	7,700	103.0	99.0	9,400	111.0	105.0
	2.5	1.10		4,500	87.0	87.0	6,200	96.0	93.0	8,000	104.0	100.0	9,700	113.0	106.0
009	1.0	0.20	300	3,500	83.0	81.0	5,600	89.0	88.0	7,700	95.0	94.0	9,900	101.0	101.0
	1.5	0.43		3,800	85.0	82.0	5,900	93.0	89.0	8,000	100.0	95.0	10,200	107.0	102.0
	2.25	0.95		4,200	87.0	83.0	6,300	95.0	90.0	8,400	103.0	96.0	10,600	111.0	103.0
	3.0	1.66		4,500	87.0	84.0	6,700	96.0	91.0	8,800	105.0	98.0	10,900	113.0	104.0
012	1.5	0.42	400	4,500	84.0	81.0	7,100	91.0	87.0	9,800	97.0	93.0	12,400	104.0	99.0
	2.0	0.76		4,700	86.0	81.0	7,300	93.0	87.0	10,000	100.0	94.0	12,600	108.0	100.0
	3.0	1.73		5,200	87.0	83.0	7,800	95.0	89.0	10,400	104.0	95.0	13,100	112.0	101.0
	4.0	3.10		5,600	88.0	83.0	8,200	96.0	89.0	10,900	105.0	96.0	13,500	114.0	102.0
015	2.0	0.2	500	6,400	84.0	82.0	10,100	90.0	89.0	13,900	97.0	96.0	17,700	103.0	103.0
	2.5	0.3		6,600	85.0	83.0	10,400	92.0	90.0	14,200	99.0	97.0	18,000	106.0	104.0
	3.75	0.6		7,400	87.0	84.0	11,100	95.0	91.0	14,900	103.0	98.0	18,700	111.0	105.0
	5.0	1.1		8,100	87.0	85.0	11,800	96.0	92.0	15,600	104.0	99.0	19,400	113.0	106.0
019	2.5	0.3	600	7,500	84.0	82.0	11,800	91.0	89.0	16,200	98.0	95.0	20,600	104.0	102.0
	3.0	0.4		7,700	85.0	82.0	12,100	92.0	89.0	16,400	100.0	96.0	20,800	107.0	103.0
	4.5	0.9		8,500	87.0	84.0	12,900	95.0	90.0	17,200	103.0	97.0	21,600	111.0	104.0
	6.0	1.6		9,300	87.0	85.0	13,600	96.0	91.0	18,000	104.0	98.0	22,400	113.0	105.0
024	4.0	0.3	800	11,000	85.0	83.0	17,200	92.0	90.0	23,500	99.0	98.0	29,800	106.0	105.0
	6.0	0.7		12,200	86.0	85.0	18,400	94.0	92.0	24,700	102.0	99.0	31,000	110.0	106.0
	8.0	1.2		13,400	87.0	86.0	19,600	96.0	93.0	25,900	104.0	100.0	32,200	112.0	108.0
030	5.0	0.5	1000	13,000	85.0	83.0	20,400	92.0	89.0	27,900	99.0	96.0	35,500	106.0	103.0
	7.5	1.0		14,600	87.0	84.0	22,000	95.0	91.0	29,500	103.0	98.0	37,000	111.0	105.0
	10.0	1.9		16,100	87.0	85.0	23,600	96.0	92.0	31,100	104.0	99.0	38,600	113.0	106.0
036	6.0	0.8	1200	14,700	86.0	82.0	22,800	93.0	88.0	31,100	100.0	94.0	39,300	107.0	101.0
	9.0	1.8		16,100	87.0	83.0	24,200	95.0	89.0	32,400	103.0	95.0	40,700	111.0	102.0
	12.0	3.3		17,400	88.0	84.0	25,600	96.0	90.0	33,800	105.0	97.0	42,100	113.0	103.0
042	7.0	1.1	1400	25,600	83.0	87.0	25,800	93.0	88.0	35,000	100.0	94.0	44,000	108.0	100.0
	10.5	2.5		27,100	85.0	88.0	27,300	95.0	89.0	36,500	104.0	95.0	45,500	112.0	101.0
	14.0	4.6		28,600	86.0	89.0	28,800	96.0	90.0	38,000	105.0	96.0	47,000	114.0	102.0
048	8.0	0.6	1600	18,500	86.0	81.0	28,700	93.0	87.0	39,000	101.0	93.0	49,400	108.0	99.0
	12.0	1.5		20,100	87.0	82.0	30,400	95.0	88.0	40,600	104.0	94.0	51,000	112.0	100.0
	16.0	2.7		21,800	88.0	83.0	32,000	96.0	89.0	42,300	105.0	95.0	52,600	114.0	101.0
060	10.0	1.0	2000	23,600	86.0	81.0	36,800	93.0	88.0	50,000	100.0	94.0	63,400	108.0	100.0
	15.0	2.4		25,900	87.0	82.0	39,000	95.0	89.0	52,300	104.0	95.0	65,700	112.0	101.0
	20.0	4.5		28,200	88.0	84.0	41,300	96.0	90.0	54,600	105.0	96.0	68,000	114.0	102.0
070	12.0	1.5	2300	25,400	86.0	81.0	40,000	94.0	87.0	54,800	101.0	93.0	69,600	109.0	99.0
	18.0	3.6		27,800	87.0	82.0	42,400	96.0	88.0	57,200	104.0	94.0	72,000	112.0	99.0
	24.0	6.8		30,200	88.0	83.0	44,900	97.0	89.0	59,600	106.0	94.0	74,400	114.0	100.0

NOTE: Data based on 70°F EDB.

Electrical Data

Horizontal Units

Table 338: WSCH Unit with PSC Motor

WSCH Unit Size	Voltage/Hz/Phase	Compressor		PSC Fan Motor		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/12	1.3	6.9	8.3	15
	208-230/60/1	2.9	16.4	1/10	0.8	3.7	4.4	15
	265/60/1	2.4	10.7	1/12	0.5	2.9	3.5	15
009	115/60/1	8.3	53.5	1/12	1.3	9.6	11.7	15
	208-230/60/1	4.3	25.0	1/10	0.8	5.1	6.2	15
	265/60/1	3.7	19.0	1/12	0.5	4.2	5.1	15
012	115/60/1	10.9	60.0	1/12	1.3	12.2	14.9	25
	208-230/60/1	5.6	30.0	1/10	0.8	6.4	7.8	15
	265/60/1	4.7	24.0	1/12	0.5	5.2	6.4	15
015	115/60/1	11.0	54.5	1/12	1.0	12.0	14.8	25
	208-230/60/1	5.5	26.4	1/6	1.0	6.5	7.9	15
	265/60/1	4.8	21.5		1.0	5.8	7.0	15
019	208-230/60/1	7.2	41.8	1/6	1.0	8.2	10.0	15
	265/60/1	6.2	31.0		1.0	7.2	8.8	15
024	208-230/60/1	10.3	59.3	1/5	1.3	11.6	14.2	20
	265/60/1	10.3	60.5		1.0	11.3	13.9	20
	208-230/60/3	7.1	59.9		1.3	8.4	10.2	15
	460/60/3	3.8	32.4		0.6	4.4	5.4	15
030	208-230/60/1	11.5	66.3	1/2	3.3	14.8	17.7	25
	265/60/1	10.9	71.7		2.5	13.4	16.1	25
	208-230/60/3	9.0	67.7		3.3	12.3	14.6	20
	460/60/3	4.5	38.1		1.8	6.3	7.4	15
036	208-230/60/1	16.5	88.0	1/2	3.3	19.8	23.9	40
	265/60/1	13.1	90.8		2.5	15.6	18.9	30
	208-230/60/3	10.6	97.5		3.3	13.9	16.6	25
	460/60/3	4.9	44.3		1.8	6.7	7.9	15
042	208-230/60/1	14.4	112.2	1/2	3.3	17.7	21.3	35
	208-230/60/3	11.5	102.8		3.3	14.8	17.7	25
	460/60/3	5.8	50.0		1.8	7.6	9.1	15
048	208-230/60/1	19.9	129.0	1/2	3.3	23.2	28.2	45
	208-230/60/3	12.8	120.4		3.3	16.1	19.3	30
	460/60/3	6.4	55.1		1.8	8.2	9.8	15
	575/60/3	5.1	41.0		1.2	6.3	7.6	15
060	208-230/60/1	24.0	155.6	3/4	5.5	29.5	35.5	50
	208-230/60/3	17.3	155.0		5.5	22.8	27.1	40
	460/60/3	7.7	58.1		2.4	10.1	12.0	15
	575/60/3	7.1	47.8		1.7	8.8	10.6	15
070	208-230/60/1	26.9	174.1	3/4	5.5	32.4	39.1	60
	208-230/60/3	19.2	156.5		5.5	24.7	29.5	45
	460/60/3	9.0	74.8		2.4	11.4	13.7	20
	575/60/3	7.1	53.9		1.7	8.8	10.6	15

Table 339: WSCH Unit with EC Motor - Constant Torque

WSCH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/10	1.8	7.4	8.8	15
	208-230/60/1	2.9	16.4		0.9	3.8	4.5	15
	265/60/1	2.4	10.7		1.8	4.2	4.8	15
009	115/60/1	8.3	53.5	1/10	1.8	10.1	12.2	20
	208-230/60/1	4.3	25.0		0.9	5.2	6.3	15
	265/60/1	3.7	19.0		1.8	5.5	6.4	15
012	115/60/1	10.9	60.0	1/10	1.8	12.7	15.4	25
	208-230/60/1	5.6	30.0		0.9	6.5	7.9	15
	265/60/1	4.7	24.0		1.8	6.5	7.7	15
015	115/60/1	11.0	54.5	1/3	4.8	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.8	8.3	9.7	15
	265/60/1	4.8	21.5		2.6	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.8	10.0	11.8	15
	265/60/1	6.2	31.0		2.6	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/2	2.8	13.1	15.7	25
	265/60/1	10.3	60.5		2.6	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.8	9.9	11.7	15
	460/60/3	3.8	32.4		2.1	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/2	2.8	14.3	17.2	25
	265/60/1	10.9	71.7		2.6	13.5	16.2	25
	208-230/60/3	9.0	67.7		2.8	11.8	14.1	20
	460/60/3	4.5	38.1		2.1	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.1	20.6	24.7	40
	265/60/1	13.1	90.8		3.6	16.7	20.0	30
	208-230/60/3	10.6	97.5		4.1	14.7	17.4	25
	460/60/3	4.9	44.3		2.1	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.1	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.1	15.6	18.5	25
	460/60/3	5.8	50.0		2.1	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6	25.9	30.9	50
	208-230/60/3	12.8	120.4		6	18.8	22.0	30
	460/60/3	6.4	55.1		3.2	9.6	11.2	15
060	208-230/60/1	24.0	155.6	1	7.6	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.6	24.9	29.2	45
	460/60/3	7.7	58.1		4.0	11.7	13.6	20
070	208-230/60/1	26.9	174.1	1	7.6	34.5	41.2	60
	208-230/60/3	19.2	156.5		7.6	26.8	31.6	50
	460/60/3	9.0	74.8		4.0	13.0	15.3	20

Table 340: WSCH Unit with EC Motor - Constant CFM

WSCH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	4.0	15.0	17.8	25
	208-230/60/1	5.5	26.4		2.8	8.3	9.7	15
	265/60/1	4.8	21.5		2.4	7.2	8.4	15
019	208-230/60/1	7.2	41.8	1/3	2.8	10.0	11.8	15
	265/60/1	6.2	31.0		2.4	8.6	10.2	15
024	208-230/60/1	10.3	59.3	1/3	2.8	13.1	15.7	25
	265/60/1	10.3	60.5		2.4	12.7	15.3	25
	208-230/60/3	7.1	59.9		2.8	9.9	11.7	15
	460/60/3*	3.8	32.4		2.4	6.2	7.2	15
030	208-230/60/1	11.5	66.3	1/3	2.8	14.3	17.2	25
	265/60/1	10.9	71.7		2.4	13.3	16.0	25
	208-230/60/3	9.0	67.7		2.8	11.8	14.1	15
	460/60/3*	4.5	38.1		2.4	6.9	8.0	15
036	208-230/60/1	16.5	88.0	1/2	4.0	20.5	24.6	40
	265/60/1	13.1	90.8		3.4	16.5	19.8	30
	208-230/60/3	10.6	97.5		4.0	14.6	17.3	25
	460/60/3*	4.9	44.3		3.4	8.3	9.5	15
042	208-230/60/1	14.4	112.2	1/2	4.0	18.4	22.0	35
	208-230/60/3	11.5	102.8		4.0	15.5	18.4	25
	460/60/3*	5.8	50.0		3.4	9.2	10.7	15
048	208-230/60/1	19.9	129.0	3/4	5.9	25.8	30.8	50
	208-230/60/3	12.8	120.4		5.9	18.7	21.9	30
	460/60/3*	6.4	55.1		4.8	11.2	12.8	15
060	208-230/60/1	24.0	155.6	1	7.4	31.4	37.4	60
	208-230/60/3	17.3	155.0		7.4	24.7	29.0	45
	460/60/3*	7.7	58.1		6.2	13.9	15.8	20
070	208-230/60/1	26.9	174.1	1	7.4	34.3	41.0	60
	208-230/60/3	19.2	156.5		7.4	26.6	31.4	50
	460/60/3*	9.0	74.8		6.2	15.2	17.5	25

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 341: WSMH Unit with PSC Motor

WSMH Unit Size	Voltage/Hz/Phase	Compressor		PSC Fan Motor		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/12	1.20	6.8	8.2	15
	208-230/60/1	2.9	16.4	1/10	0.65	3.6	4.3	15
	265/60/1	2.4	10.7	1/15	0.42	2.82	3.4	15
009	115/60/1	8.3	53.5	1/8	2.10	10.4	12.5	20
	208-230/60/1	4.3	25.0	1/10	0.65	5.0	6.0	15
	265/60/1	3.7	19.0	1/8	0.70	4.4	5.3	15
012	115/60/1	10.9	60.0	1/8	2.10	13.0	15.7	25
	208-230/60/1	5.6	30.0	1/10	0.65	6.3	7.7	15
	265/60/1	4.7	24.0	1/8	0.70	5.4	6.6	15
015	115/60/1	11.0	54.5	1/12	1.00	12.0	14.8	25
	208-230/60/1	5.5	26.4	1/6	1.00	6.5	7.9	15
	265/60/1	4.8	21.5		1.00	5.8	7.0	15
019	208-230/60/1	7.2	41.8	1/6	1.00	8.2	10.0	15
	265/60/1	6.2	31.0		1.00	7.2	8.8	15
024	208-230/60/1	10.3	59.3	1/6	1.00	11.3	13.9	20
	265/60/1	10.3	60.5	1/5	1.00	11.3	13.9	20
	208-230/60/3	7.1	59.9		1.00	8.1	9.9	15
	460/60/3	3.8	32.4		0.60	4.4	5.4	15
030	208-230/60/1	11.5	66.3	1/3	1.60	13.1	16.0	25
	265/60/1	10.9	71.7	1/5	1.00	11.9	14.6	25
	208-230/60/3	9.0	67.7	1/3	1.60	10.6	12.9	20
	460/60/3	4.5	38.1		1.00	5.5	6.6	15
036	208-230/60/1	16.5	88.0	1/3	3.10	19.6	23.7	40
	265/60/1	13.1	90.8		1.00	14.1	17.4	30
	208-230/60/3	10.6	97.5		3.10	13.7	16.4	25
	460/60/3	4.9	44.3		1.40	6.3	7.5	15
042	208-230/60/1	14.4	112.2	1/2	3.30	17.7	21.3	35
	208-230/60/3	11.5	102.8		3.30	14.8	17.7	25
	460/60/3	5.8	50.0	1/3	1.40	7.2	8.7	15
048	208-230/60/1	19.9	129.0	1/2	3.30	23.2	28.2	45
	208-230/60/3	12.8	120.4		3.30	16.1	19.3	30
	460/60/3	6.4	55.1	1/3	1.40	7.8	9.4	15
	575/60/3	5.1	41.0	1/2	1.20	6.3	7.6	15
060	208-230/60/1	24.0	155.6	3/4	5.50	29.5	35.5	50
	208-230/60/3	17.3	155.0		5.50	22.8	27.1	40
	460/60/3	7.7	58.1	1/2	1.80	9.5	11.4	15
	575/60/3	7.1	47.8		1.20	8.3	10.1	15

Table 342: WSMH Unit with EC Motor - Constant Torque

WSMH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/10	1.80	7.4	8.8	15
	208-230/60/1	2.9	16.4		0.96	3.9	4.6	15
	265/60/1	2.4	10.7		1.80	4.20	4.8	15
009	115/60/1	8.3	53.5	1/10	1.80	10.1	12.2	20
	208-230/60/1	4.3	25.0		0.90	5.2	6.3	15
	265/60/1	3.7	19.0		1.80	5.5	6.4	15
012	115/60/1	10.9	60.0	1/10	1.80	12.7	15.4	25
	208-230/60/1	5.6	30.0		0.90	6.5	7.9	15
	265/60/1	4.7	24.0		1.80	6.5	7.7	15
015	115/60/1	11.0	54.5	1/3	4.80	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.80	8.3	9.7	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.80	10.0	11.8	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	2.80	13.1	15.7	25
	265/60/1	10.3	60.5	1/2	2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.80	9.9	11.7	15
	460/60/3	3.8	32.4		2.10	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/3	2.80	14.3	17.2	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7	1/2	2.80	11.8	14.1	20
	460/60/3	4.5	38.1		2.10	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.10	20.6	24.7	40
	265/60/1	13.1	90.8		3.60	16.7	20.0	30
	208-230/60/3	10.6	97.5		4.10	14.7	17.4	25
	460/60/3	4.9	44.3		2.10	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.10	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.10	15.6	18.5	25
	460/60/3	5.8	50.0		2.10	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6.00	25.9	30.9	50
	208-230/60/3	12.8	120.4		6.00	18.8	22.0	30
	460/60/3	6.4	55.1		3.20	9.6	11.2	15
060	208-230/60/1	24.0	155.6	1	7.60	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.60	24.9	29.2	45
	460/60/3	7.7	58.1		4.00	11.7	13.6	20

Table 343: WSMH Unit with EC Motor - Constant CFM

WSMH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	5.00	16.0	18.8	25
	208-230/60/1	5.5	26.4		3.00	8.5	9.9	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	3.00	10.2	12.0	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	3.00	13.3	15.9	25
	265/60/1	10.3	60.5		2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		3.00	10.1	11.9	15
	460/60/3*	3.8	32.4		2.60	6.4	7.4	15
030	208-230/60/1	11.5	66.3	1/3	3.00	14.5	17.4	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7		3.00	12.0	14.3	20
	460/60/3*	4.5	38.1		2.60	7.1	8.2	15
036	208-230/60/1	16.5	88.0	1/2	5.00	21.5	25.6	40
	265/60/1	13.1	90.8		4.10	17.2	20.5	30
	208-230/60/3	10.6	97.5		5.00	15.6	18.3	25
	460/60/3*	4.9	44.3		4.10	9.0	10.2	15
042	208-230/60/1	14.4	112.2	3/4	7.30	21.7	25.3	35
	208-230/60/3	11.5	102.8		7.30	18.8	21.7	30
	460/60/3*	5.8	50.0		5.50	11.3	12.8	15
048	208-230/60/1	19.9	129.0	3/4	7.30	27.2	32.2	50
	208-230/60/3	12.8	120.4		7.30	20.1	23.3	35
	460/60/3*	6.4	55.1		5.50	11.9	13.5	15
060	208-230/60/1	24.0	155.6	1	9.40	33.4	39.4	60
	208-230/60/3	17.3	155.0		9.40	26.7	31.0	45
	460/60/3*	7.7	58.1		6.90	14.6	16.5	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 344: WSSH Unit with EC Motor - Constant Torque

WSSH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	4.9	25.2	1/10	1.80	6.7	7.9	15
	208-230/60/1	2.4	13.4		0.9	3.3	3.9	15
	265/60/1	2.1	11.0		1.8	3.9	4.4	15
009	115/60/1	6.1	31.5	1/10	1.80	7.9	9.4	15
	208-230/60/1	3.4	16.5		0.9	4.3	5.2	15
	265/60/1	3.0	16.3		1.8	4.8	5.6	15
012	115/60/1	8.6	38.0	1/10	1.80	10.4	12.6	20
	208-230/60/1	4.3	20.6		0.9	5.2	6.3	15
	265/60/1	3.7	16.4		1.8	5.5	6.4	15
015	115/60/1	11.0	54.5	1/3	4.80	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.80	8.3	9.7	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.80	10.0	11.8	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	2.80	13.1	15.7	25
	265/60/1	10.3	60.5		2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.80	9.9	11.7	15
	460/60/3	3.8	32.4	1/2	2.10	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/3	2.80	14.3	17.2	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7		2.80	11.8	14.1	20
	460/60/3	4.5	38.1	1/2	2.10	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.10	20.6	24.7	40
	265/60/1	13.1	90.8		3.60	16.7	20.0	30
	208-230/60/3	10.6	44.3		4.10	14.7	17.4	25
	460/60/3	4.9	44.3		2.10	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.10	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.1	15.6	18.5	25
	460/60/3	5.8	50.0		2.10	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6.00	25.9	30.9	50
	208-230/60/3	12.8	120.4		6.00	18.8	22.0	30
	460/60/3	6.4	55.1		3.20	9.6	11.2	15
	575/60/3	5.1	41.0		8.40	13.5	15.6	20
060	208-230/60/1	24.0	155.6	1	7.60	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.60	24.9	29.2	45
	460/60/3	7.7	58.1		4.00	11.7	13.6	20
	575/60/3	7.1	47.8		10.9	18.0	20.7	30
070	208-230/60/1	26.9	174.1	1	7.60	34.5	41.2	60
	208-230/60/3	19.2	156.5		7.60	26.8	31.6	50
	460/60/3	9.0	74.8		4.00	13.0	15.3	20
	575/60/3	7.1	53.9		10.9	18.0	20.7	30

Table 345: WSSH Unit with EC Motor - Constant CFM

WSSH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	4.00	15.0	17.8	25
	208-230/60/1	5.5	26.4		2.80	8.3	9.7	15
	265/60/1	4.8	21.5		2.40	7.2	8.4	15
019	208-230/60/1	7.2	41.8	1/3	2.80	10.0	11.8	15
	265/60/1	6.2	31.0		2.40	8.6	10.2	15
024	208-230/60/1	10.3	59.3	1/3	2.80	13.1	15.7	25
	265/60/1	10.3	60.5		2.40	12.7	15.3	25
	208-230/60/3	7.1	59.9		2.80	9.9	11.7	15
	460/60/3*	3.8	32.4		2.4	6.2	7.2	15
030	208-230/60/1	11.5	66.3	1/3	2.80	14.3	17.2	25
	265/60/1	10.9	71.7		2.40	13.3	16.0	25
	208-230/60/3	9.0	67.7		2.80	11.8	14.1	20
	460/60/3*	4.5	38.1		2.40	6.9	8.0	15
036	208-230/60/1	16.5	88.0	1/2	4.00	20.5	24.6	40
	265/60/1	13.1	90.8		3.40	16.5	19.8	30
	208-230/60/3	10.6	44.3		4.00	14.6	17.3	25
	460/60/3*	4.9	44.3		3.40	8.3	9.5	15
042	208-230/60/1	14.4	112.2	1/2	4.00	18.4	22.0	35
	208-230/60/3	11.5	102.8		4.00	15.5	18.4	25
	460/60/3*	5.8	50.0		3.40	9.2	10.7	15
048	208-230/60/1	19.9	129.0	3/4	5.90	25.8	30.8	50
	208-230/60/3	12.8	120.4		5.90	18.7	21.9	30
	460/60/3*	6.4	55.1		4.80	11.2	12.8	15
	575/60/3	5.1	41.0		8.50	13.6	15.7	20
060	208-230/60/1	24.0	155.6	1	7.40	31.4	37.4	60
	208-230/60/3	17.3	155.0		7.40	24.7	29.0	45
	460/60/3*	7.7	58.1		6.20	13.9	15.8	20
	575/60/3	7.1	47.8		11.10	18.2	21.0	30
070	208-230/60/1	26.9	174.1	1	7.40	34.3	41.0	60
	208-230/60/3	19.2	156.5		7.40	26.6	31.4	50
	460/60/3*	9.0	74.8		6.20	15.2	17.5	25
	575/60/3	7.1	53.9		11.10	18.2	21.0	30

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 346: WSDH Unit with EC Motor - Constant CFM

WSDH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	2.80	12.7	15.2	25
	265/60/1	7.9	52.0		2.40	10.3	12.3	20
	208-230/60/3	7.0	28.0		2.80	9.8	11.6	15
	460/60/3*	3.8	29.0		2.40	6.2	7.2	15
030	208-230/60/1	13.1	88.0	1/3	2.80	15.9	19.2	30
	265/60/1	11.5	72.0		2.40	13.9	16.8	25
	208-230/60/3	8.0	68.0		2.80	10.8	12.8	20
	460/60/3*	3.0	39.0		2.40	5.4	6.2	15
036	208-230/60/1	14.6	91.0	1/2	4.00	18.6	22.3	35
	265/60/1	11.9	79.0		3.40	15.3	18.3	30
	208-230/60/3	9.2	82.0		4.00	13.2	15.5	20
	460/60/3*	4.2	44.3		3.40	7.6	8.7	15
042	208-230/60/1	22.4	126.0	1/2	4.00	26.4	32.0	50
	208-230/60/3	9.2	82.0		4.00	13.2	15.5	20
	460/60/3*	6.7	56.0		3.40	10.1	11.8	15
048	208-230/60/1	23.3	128.4	3/4	5.90	29.2	35.0	50
	208-230/60/3	12.0	105.3		5.90	17.9	20.9	30
	460/60/3*	6.2	61.8		4.80	11.0	12.6	15
060	208-230/60/1	27.1	178.0	1	7.40	34.5	41.3	60
	208-230/60/3	15.2	140.0		7.40	22.6	26.4	40
	460/60/3*	7.4	54.7		6.20	13.6	15.4	20
070	208-230/60/1	29.2	185.2	1	7.40	36.6	43.9	70
	208-230/60/3	16.2	155.0		7.40	23.6	27.6	40
	460/60/3*	7.1	70.8		6.20	13.3	15.0	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 347: WSNH Unit with EC Motor - Constant CFM

WSNH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	3.00	12.9	15.4	25
	265/60/1	7.9	52.0		2.60	10.5	12.5	20
	208-230/60/3	7.0	28.0		3.00	10.0	11.8	15
	460/60/3*	3.8	29.0		2.60	6.4	7.4	15
030	208-230/60/1	13.1	88.0	1/3	3.00	16.1	19.4	30
	265/60/1	11.5	72.0		2.60	14.1	17.0	25
	208-230/60/3	8.0	68.0		3.00	11.0	13.0	20
	460/60/3*	3.0	39.0		2.60	5.6	6.4	15
036	208-230/60/1	14.6	91.0	1/2	5.00	19.6	23.3	35
	265/60/1	11.9	79.0		4.10	16.0	19.0	30
	208-230/60/3	9.2	82.0		5.00	14.2	16.5	25
	460/60/3*	4.2	44.3		4.10	8.3	9.4	15
042	208-230/60/1	22.4	126.0	1/2	7.30	29.7	35.3	50
	208-230/60/3	9.2	82.0		7.30	16.5	18.8	25
	460/60/3*	6.7	56.0		5.50	12.2	13.9	20
048	208-230/60/1	23.3	128.4	3/4	7.30	30.6	36.4	50
	208-230/60/3	12.0	105.3		7.30	19.3	22.3	30
	460/60/3*	6.2	61.8		5.50	11.7	13.3	15
060	208-230/60/1	27.1	178.0	1	9.40	36.5	43.3	70
	208-230/60/3	15.2	140.0		9.40	24.6	28.4	40
	460/60/3*	7.4	54.7		6.90	14.3	16.1	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 348: WSTH Unit with EC Motor - Constant CFM

WSTH Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	2.80	12.7	15.2	25
	265/60/1	7.9	52.0		2.40	10.3	12.3	20
	208-230/60/3	7.0	28.0		2.80	9.8	11.6	15
	460/60/3*	3.8	29.0		2.40	6.2	7.2	15
030	208-230/60/1	13.1	88.0	1/3	2.80	15.9	19.2	30
	265/60/1	11.5	72.0		2.40	13.9	16.8	25
	208-230/60/3	8.0	68.0		2.80	10.8	12.8	20
	460/60/3*	3.0	39.0		2.40	5.4	6.2	15
036	208-230/60/1	14.6	91.0	1/2	4.00	18.6	22.3	35
	265/60/1	11.9	79.0		3.40	15.3	18.3	30
	208-230/60/3	9.2	82.0		4.00	13.2	15.5	20
	460/60/3*	4.2	44.3		3.40	7.6	8.7	15
042	208-230/60/1	22.4	126.0	1/2	4.00	26.4	32.0	50
	208-230/60/3	9.2	82.0		4.00	13.2	15.5	20
	460/60/3*	6.7	56.0		3.40	10.1	11.8	15
048	208-230/60/1	23.3	128.4	3/4	5.90	29.2	35.0	50
	208-230/60/3	12.0	105.3		5.90	17.9	20.9	30
	460/60/3*	6.2	61.8		4.80	11.0	12.6	15
	575/60/3	4.5	39.0		8.50	13.0	15.1	20
060	208-230/60/1	27.1	178.0	1	7.40	34.5	41.3	60
	208-230/60/3	15.2	140.0		7.40	22.6	26.4	40
	460/60/3*	7.4	54.7		6.20	13.6	15.4	20
	575/60/3	5.6	47.8		11.10	16.7	19.5	30
070	208-230/60/1	29.2	185.2	1	7.40	36.6	43.9	70
	208-230/60/3	16.2	155.0		7.40	23.6	27.6	40
	460/60/3*	7.1	70.8		6.20	13.3	15.0	20
	575/60/3	6.0	58.2		11.10	17.1	19.9	30

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Vertical Units

Table 349: WSCV Unit with PSC Motor

WSCV Unit Size	Voltage/Hz/Phase	Compressor		PSC Fan Motor		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/12	1.3	6.9	8.3	15
	208-230/60/1	2.9	16.4	1/10	0.8	3.7	4.4	15
	265/60/1	2.4	10.7	1/12	0.5	2.9	3.5	15
009	115/60/1	8.3	53.5	1/12	1.3	9.6	11.7	15
	208-230/60/1	4.3	25.0	1/10	0.8	5.1	6.2	15
	265/60/1	3.7	19.0	1/12	0.5	4.2	5.1	15
012	115/60/1	10.9	60.0	1/12	1.3	12.2	14.9	25
	208-230/60/1	5.6	30.0	1/10	0.8	6.4	7.8	15
	265/60/1	4.7	24.0	1/12	0.5	5.2	6.4	15
015	115/60/1	11.0	54.5	1/12	1.0	12.0	14.8	25
	208-230/60/1	5.5	26.4	1/6	1.0	6.5	7.9	15
	265/60/1	4.8	21.5		1.0	5.8	7.0	15
019	208-230/60/1	7.2	41.8	1/6	1.0	8.2	10.0	15
	265/60/1	6.2	31.0		1.0	7.2	8.8	15
024	208-230/60/1	10.3	59.3	1/5	1.3	11.6	14.2	20
	265/60/1	10.3	60.5		1.0	11.3	13.9	20
	208-230/60/3	7.1	59.9		1.3	8.4	10.2	15
	460/60/3	3.8	32.4		0.6	4.4	5.4	15
030	208-230/60/1	11.5	66.3	1/2	3.3	14.8	17.7	25
	265/60/1	10.9	71.7		2.5	13.4	16.1	25
	208-230/60/3	9.0	67.7		3.3	12.3	14.6	20
	460/60/3	4.5	38.1		1.8	6.3	7.4	15
036	208-230/60/1	16.5	88.0	1/2	3.3	19.8	23.9	40
	265/60/1	13.1	90.8		2.5	15.6	18.9	30
	208-230/60/3	10.6	97.5		3.3	13.9	16.6	25
	460/60/3	4.9	44.3		1.8	6.7	7.9	15
042	208-230/60/1	14.4	112.2	1/2	3.3	17.7	21.3	35
	208-230/60/3	11.5	102.8		3.3	14.8	17.7	25
	460/60/3	5.8	50.0		1.8	7.6	9.1	15
048	208-230/60/1	19.9	129.0	1/2	3.3	23.2	28.2	45
	208-230/60/3	12.8	120.4		3.3	16.1	19.3	30
	460/60/3	6.4	55.1		1.8	8.2	9.8	15
	575/60/3	5.1	41.0		1.2	6.3	7.6	15
060	208-230/60/1	24.0	155.6	3/4	5.5	29.5	35.5	50
	208-230/60/3	17.3	155.0		5.5	22.8	27.1	40
	460/60/3	7.7	58.1		2.4	10.1	12.0	15
	575/60/3	7.1	47.8		1.7	8.8	10.6	15
070	208-230/60/1	26.9	174.1	3/4	5.5	32.4	39.1	60
	208-230/60/3	19.2	156.5		5.5	24.7	29.5	45
	460/60/3	9.0	74.8		2.4	11.4	13.7	20
	575/60/3	7.1	53.9		1.7	8.8	10.6	15

Table 350: WSCV Unit with EC Motor - Constant Torque

WSCV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/10	1.8	7.4	8.8	15
	208-230/60/1	2.9	16.4		0.9	3.8	4.5	15
	265/60/1	2.4	10.7		1.8	4.2	4.8	15
009	115/60/1	8.3	53.5	1/10	1.8	10.1	12.2	20
	208-230/60/1	4.3	25.0		0.9	5.2	6.3	15
	265/60/1	3.7	19.0		1.8	5.5	6.4	15
012	115/60/1	10.9	60.0	1/10	1.8	12.7	15.4	25
	208-230/60/1	5.6	30.0		0.9	6.5	7.9	15
	265/60/1	4.7	24.0		1.8	6.5	7.7	15
015	115/60/1	11.0	54.5	1/3	4.8	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.8	8.3	9.7	15
	265/60/1	4.8	21.5		2.6	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.8	10.0	11.8	15
	265/60/1	6.2	31.0		2.6	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/2	2.8	13.1	15.7	25
	265/60/1	10.3	60.5		2.6	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.8	9.9	11.7	15
	460/60/3	3.8	32.4		2.1	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/2	4.1	15.6	18.5	25
	265/60/1	10.9	71.7		3.6	14.5	17.2	25
	208-230/60/3	9.0	67.7		4.1	13.1	15.4	20
	460/60/3	4.5	38.1		2.1	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.1	20.6	24.7	40
	265/60/1	13.1	90.8		3.6	16.7	20.0	30
	208-230/60/3	10.6	97.5		4.1	14.7	17.4	25
	460/60/3	4.9	44.3		2.1	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.1	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.1	15.6	18.5	25
	460/60/3	5.8	50.0		2.1	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6	25.9	30.9	50
	208-230/60/3	12.8	120.4		6	18.8	22.0	30
	460/60/3	6.4	55.1		3.2	9.6	11.2	15
060	208-230/60/1	24.0	155.6	1	7.6	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.6	24.9	29.2	45
	460/60/3	7.7	58.1		4.0	11.7	13.6	20
070	208-230/60/1	26.9	174.1	1	7.6	34.5	41.2	60
	208-230/60/3	19.2	156.5		7.6	26.8	31.6	50
	460/60/3	9.0	74.8		4.0	13.0	15.3	20

Table 351: WSCV Unit with EC Motor - Constant CFM

WSCV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	5.0	16.0	18.8	25
	208-230/60/1	5.5	26.4		3.0	8.5	9.9	15
	265/60/1	4.8	21.5		2.6	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	3.0	10.2	12.0	15
	265/60/1	6.2	31.0		2.6	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	3.0	13.3	15.9	25
	265/60/1	10.3	60.5		2.6	12.9	15.5	25
	208-230/60/3	7.1	59.9		3.0	10.1	11.9	15
	460/60/3*	3.8	32.4		2.6	6.4	7.4	15
030	208-230/60/1	11.5	66.3	1/3	3.0	14.5	17.4	25
	265/60/1	10.9	71.7		2.6	13.5	16.2	25
	208-230/60/3	9.0	67.7		3.0	12.0	14.3	15
	460/60/3*	4.5	38.1		2.6	7.1	8.2	15
036	208-230/60/1	16.5	88.0	1/2	5.0	21.5	25.6	40
	265/60/1	13.1	90.8		4.1	17.2	20.5	30
	208-230/60/3	10.6	97.5		5.0	15.6	18.3	25
	460/60/3*	4.9	44.3		4.1	9.0	10.2	15
042	208-230/60/1	14.4	112.2	1/2	7.3	21.7	25.3	35
	208-230/60/3	11.5	102.8		7.3	18.8	21.7	30
	460/60/3*	5.8	50.0		5.5	11.3	12.8	15
048	208-230/60/1	19.9	129.0	3/4	7.3	27.2	32.2	50
	208-230/60/3	12.8	120.4		7.3	20.1	23.3	35
	460/60/3*	6.4	55.1		5.5	11.9	13.5	15
060	208-230/60/1	24.0	155.6	1	9.4	33.4	39.4	60
	208-230/60/3	17.3	155.0		9.4	26.7	31.0	45
	460/60/3*	7.7	58.1		6.9	14.6	16.5	20
070	208-230/60/1	26.9	174.1	1	9.4	36.3	43.0	60
	208-230/60/3	19.2	156.5		9.4	28.6	33.4	50
	460/60/3*	9.0	74.8		6.9	15.9	18.2	25

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 352: WSMV Unit with PSC Motor

WSMV Unit Size	Voltage/Hz/Phase	Compressor		PSC Fan Motor		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/12	1.20	6.8	8.2	15
	208-230/60/1	2.9	16.4	1/10	0.65	3.6	4.3	15
	265/60/1	2.4	10.7	1/15	0.42	2.82	3.4	15
009	115/60/1	8.3	53.5	1/8	1.20	9.5	11.6	15
	208-230/60/1	4.3	25.0	1/10	0.65	5.0	6.0	15
	265/60/1	3.7	19.0	1/8	0.70	4.4	5.3	15
012	115/60/1	10.9	60.0	1/8	1.20	12.1	14.8	25
	208-230/60/1	5.6	30.0	1/10	0.65	6.3	7.7	15
	265/60/1	4.7	24.0	1/8	0.70	5.4	6.6	15
015	115/60/1	11.0	54.5	1/12	1.00	12.0	14.8	25
	208-230/60/1	5.5	26.4	1/6	1.00	6.5	7.9	15
	265/60/1	4.8	21.5		1.00	5.8	7.0	15
019	208-230/60/1	7.2	41.8	1/6	1.00	8.2	10.0	15
	265/60/1	6.2	31.0		1.00	7.2	8.8	15
024	208-230/60/1	10.3	59.3	1/6	1.00	11.3	13.9	20
	265/60/1	10.3	60.5	1/5	1.00	11.3	13.9	20
	208-230/60/3	7.1	59.9		1.00	8.1	9.9	15
	460/60/3	3.8	32.4		0.60	4.4	5.4	15
030	208-230/60/1	11.5	66.3	1/3	1.90	13.4	16.3	25
	265/60/1	10.9	71.7	1/5	1.90	12.8	15.5	25
	208-230/60/3	9.0	67.7	1/3	1.90	10.9	13.2	20
	460/60/3	4.5	38.1		1.00	5.5	6.6	15
036	208-230/60/1	16.5	88.0	1/3	3.10	19.6	23.7	40
	265/60/1	13.1	90.8		1.90	15.0	18.3	30
	208-230/60/3	10.6	97.5		3.10	13.7	16.4	25
	460/60/3	4.9	44.3		1.40	6.3	7.5	15
042	208-230/60/1	14.4	112.2	1/2	3.30	17.7	21.3	35
	208-230/60/3	11.5	102.8		3.30	14.8	17.7	25
	460/60/3	5.8	50.0	1/3	1.40	7.2	8.7	15
048	208-230/60/1	19.9	129.0	1/2	3.30	23.2	28.2	45
	208-230/60/3	12.8	120.4		3.30	16.1	19.3	30
	460/60/3	6.4	55.1	1/3	1.40	7.8	9.4	15
	575/60/3	5.1	41.0	1/2	1.20	6.3	7.6	15
060	208-230/60/1	24.0	155.6	3/4	5.50	29.5	35.5	50
	208-230/60/3	17.3	155.0		5.50	22.8	27.1	40
	460/60/3	7.7	58.1	1/2	1.80	9.5	11.4	15
	575/60/3	7.1	47.8		1.70	8.8	10.6	15

Table 353: WSMV Unit with EC Motor - Constant Torque

WSMV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	5.6	30.0	1/10	1.80	7.4	8.8	15
	208-230/60/1	2.9	16.4		0.90	3.8	4.5	15
	265/60/1	2.4	10.7		1.80	4.20	4.8	15
009	115/60/1	8.3	53.5	1/10	1.80	10.1	12.2	20
	208-230/60/1	4.3	25.0		0.90	5.2	6.3	15
	265/60/1	3.7	19.0		1.80	5.5	6.4	15
012	115/60/1	10.9	60.0	1/10	1.80	12.7	15.4	25
	208-230/60/1	5.6	30.0		0.90	6.5	7.9	15
	265/60/1	4.7	24.0		1.80	6.5	7.7	15
015	115/60/1	11.0	54.5	1/3	4.80	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.80	8.3	9.7	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.80	10.0	11.8	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	2.80	13.1	15.7	25
	265/60/1	10.3	60.5	1/2	2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.80	9.9	11.7	15
	460/60/3	3.8	32.4		2.10	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/3	2.80	14.3	17.2	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7	1/2	2.80	11.8	14.1	20
	460/60/3	4.5	38.1		2.10	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.10	20.6	24.7	40
	265/60/1	13.1	90.8		3.60	16.7	20.0	30
	208-230/60/3	10.6	97.5		4.10	14.7	17.4	25
	460/60/3	4.9	44.3		2.10	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.10	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.10	15.6	18.5	25
	460/60/3	5.8	50.0		2.10	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6.00	25.9	30.9	50
	208-230/60/3	12.8	120.4		6.00	18.8	22.0	30
	460/60/3	6.4	55.1		3.20	9.6	11.2	15
060	208-230/60/1	24.0	155.6	1	7.60	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.60	24.9	29.2	45
	460/60/3	7.7	58.1		4.00	11.7	13.6	20

Table 354: WSMV Unit with EC Motor - Constant CFM

WSMV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	5.00	16.0	18.8	25
	208-230/60/1	5.5	26.4		3.00	8.5	9.9	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	3.00	10.2	12.0	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	3.00	13.3	15.9	25
	265/60/1	10.3	60.5		2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		3.00	10.1	11.9	15
	460/60/3*	3.8	32.4		2.60	6.4	7.4	15
030	208-230/60/1	11.5	66.3	1/3	3.00	14.5	17.4	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7		3.00	12.0	14.3	20
	460/60/3*	4.5	38.1		2.60	7.1	8.2	15
036	208-230/60/1	16.5	88.0	1/2	5.00	21.5	25.6	40
	265/60/1	13.1	90.8		4.10	17.2	20.5	30
	208-230/60/3	10.6	97.5		5.00	15.6	18.3	25
	460/60/3*	4.9	44.3		4.10	9.0	10.2	15
042	208-230/60/1	14.4	112.2	3/4	7.30	21.7	25.3	35
	208-230/60/3	11.5	102.8		7.30	18.8	21.7	30
	460/60/3*	5.8	50.0		5.50	11.3	12.8	15
048	208-230/60/1	19.9	129.0	3/4	7.30	27.2	32.2	50
	208-230/60/3	12.8	120.4		7.30	20.1	23.3	35
	460/60/3*	6.4	55.1		5.50	11.9	13.5	15
060	208-230/60/1	24.0	155.6	1	9.40	33.4	39.4	60
	208-230/60/3	17.3	155.0		9.40	26.7	31.0	45
	460/60/3*	7.7	58.1		6.90	14.6	16.5	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 355: WSSV Unit with EC Motor - Constant Torque

WSSV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant Torque		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
007	115/60/1	4.9	25.2	1/10	1.80	6.7	7.9	15
	208-230/60/1	2.4	13.4		0.9	3.3	3.9	15
	265/60/1	2.1	11.0		1.8	3.9	4.4	15
009	115/60/1	6.1	31.5	1/10	1.80	7.9	9.4	15
	208-230/60/1	3.4	16.5		0.9	4.3	5.2	15
	265/60/1	3.0	16.3		1.8	4.8	5.6	15
012	115/60/1	8.6	38.0	1/10	1.80	10.4	12.6	20
	208-230/60/1	4.3	20.6		0.9	5.2	6.3	15
	265/60/1	3.7	16.4		1.8	5.5	6.4	15
015	115/60/1	11.0	54.5	1/3	4.80	15.8	18.6	25
	208-230/60/1	5.5	26.4		2.80	8.3	9.7	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	2.80	10.0	11.8	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	2.80	13.1	15.7	25
	265/60/1	10.3	60.5		2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		2.80	9.9	11.7	15
	460/60/3	3.8	32.4	1/2	2.10	5.9	6.9	15
030	208-230/60/1	11.5	66.3	1/3	2.80	14.3	17.2	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7		2.80	11.8	14.1	20
	460/60/3	4.5	38.1	1/2	2.10	6.6	7.7	15
036	208-230/60/1	16.5	88.0	1/2	4.10	20.6	24.7	40
	265/60/1	13.1	90.8		3.60	16.7	20.0	30
	208-230/60/3	10.6	44.3		4.10	14.7	17.4	25
	460/60/3	4.9	44.3		2.10	7.0	8.2	15
042	208-230/60/1	14.4	112.2	1/2	4.10	18.5	22.1	35
	208-230/60/3	11.5	102.8		4.1	15.6	18.5	25
	460/60/3	5.8	50.0		2.10	7.9	9.4	15
048	208-230/60/1	19.9	129.0	3/4	6.00	25.9	30.9	50
	208-230/60/3	12.8	120.4		6.00	18.8	22.0	30
	460/60/3	6.4	55.1		3.20	9.6	11.2	15
	575/60/3	5.1	41.0		8.40	13.5	15.6	20
060	208-230/60/1	24.0	155.6	1	7.60	31.6	37.6	60
	208-230/60/3	17.3	155.0		7.60	24.9	29.2	45
	460/60/3	7.7	58.1		4.00	11.7	13.6	20
	575/60/3	7.1	47.8		10.9	18.0	20.7	30
070	208-230/60/1	26.9	174.1	1	7.60	34.5	41.2	60
	208-230/60/3	19.2	156.5		7.60	26.8	31.6	50
	460/60/3	9.0	74.8		4.00	13.0	15.3	20
	575/60/3	7.1	53.9		10.9	18.0	20.7	30

Table 356: WSSV Unit with EC Motor - Constant CFM

WSSV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
015	115/60/1	11.0	54.5	1/3	5.00	16.0	18.8	25
	208-230/60/1	5.5	26.4		3.00	8.5	9.9	15
	265/60/1	4.8	21.5		2.60	7.4	8.6	15
019	208-230/60/1	7.2	41.8	1/3	3.00	10.2	12.0	15
	265/60/1	6.2	31.0		2.60	8.8	10.4	15
024	208-230/60/1	10.3	59.3	1/3	3.00	13.3	15.9	25
	265/60/1	10.3	60.5		2.60	12.9	15.5	25
	208-230/60/3	7.1	59.9		3.00	10.1	11.9	15
	460/60/3*	3.8	32.4		2.6	6.4	7.4	15
030	208-230/60/1	11.5	66.3	1/3	3.00	14.5	17.4	25
	265/60/1	10.9	71.7		2.60	13.5	16.2	25
	208-230/60/3	9.0	67.7		3.00	12.0	14.3	20
	460/60/3*	4.5	38.1		2.60	7.1	8.2	15
036	208-230/60/1	16.5	88.0	1/2	5.00	21.5	25.6	40
	265/60/1	13.1	90.8		4.10	17.2	20.5	30
	208-230/60/3	10.6	44.3		5.00	15.6	18.3	25
	460/60/3*	4.9	44.3		4.10	9.0	10.2	15
042	208-230/60/1	14.4	112.2	1/2	7.30	21.7	25.3	35
	208-230/60/3	11.5	102.8		7.30	18.8	21.7	30
	460/60/3*	5.8	50.0		5.50	11.3	12.8	15
048	208-230/60/1	19.9	129.0	3/4	7.30	27.2	32.2	50
	208-230/60/3	12.8	120.4		7.30	20.1	23.3	35
	460/60/3*	6.4	55.1		5.50	11.9	13.5	15
	575/60/3	5.1	41.0		9.60	14.7	17.1	25
060	208-230/60/1	24.0	155.6	1	9.40	33.4	39.4	60
	208-230/60/3	17.3	155.0		9.40	26.7	31.0	45
	460/60/3*	7.7	58.1		6.90	14.6	16.5	20
	575/60/3	7.1	47.8		12.80	19.9	23.1	35
070	208-230/60/1	26.9	174.1	1	9.40	36.3	43.0	60
	208-230/60/3	19.2	156.5		9.40	28.6	33.4	50
	460/60/3*	9.0	74.8		6.90	15.9	18.2	25
	575/60/3	7.1	53.9		12.80	19.9	23.1	35

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 357: WSDV Unit with EC Motor - Constant CFM

WSDV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	3.00	12.9	15.4	25
	265/60/1	7.9	52.0		2.60	10.5	12.5	20
	208-230/60/3	7.0	28.0		3.00	10.0	11.8	15
	460/60/3*	3.8	29.0		2.60	6.4	7.4	15
030	208-230/60/1	13.1	88.0	1/3	3.00	16.1	19.4	30
	265/60/1	11.5	72.0		2.60	14.1	17.0	25
	208-230/60/3	8.0	68.0		3.00	11.0	13.0	20
	460/60/3*	3.0	39.0		2.60	5.6	6.4	15
036	208-230/60/1	14.6	91.0	1/2	5.00	19.6	23.3	35
	265/60/1	11.9	79.0		4.10	16.0	19.0	30
	208-230/60/3	9.2	82.0		5.00	14.2	16.5	25
	460/60/3*	4.2	44.3		4.10	8.3	9.4	15
042	208-230/60/1	22.4	126.0	1/2	7.30	29.7	35.3	50
	208-230/60/3	9.2	82.0		7.30	16.5	18.8	25
	460/60/3*	6.7	56.0		5.50	12.2	13.9	20
048	208-230/60/1	23.3	128.4	3/4	7.30	30.6	36.4	50
	208-230/60/3	12.0	105.3		7.30	19.3	22.3	30
	460/60/3*	6.2	61.8		5.50	11.7	13.3	15
060	208-230/60/1	27.1	178.0	1	9.40	36.5	43.3	70
	208-230/60/3	15.2	140.0		9.40	24.6	28.4	40
	460/60/3*	7.4	54.7		6.90	14.3	16.1	20
070	208-230/60/1	29.2	185.2	1	9.40	38.6	45.9	70
	208-230/60/3	16.2	155.0		9.40	25.6	29.6	45
	460/60/3*	7.1	70.8		6.90	14.0	15.7	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 358: WSNV Unit with EC Motor - Constant CFM

WSNV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	3.00	12.9	15.4	25
	265/60/1	7.9	52.0		2.60	10.5	12.5	20
	208-230/60/3	7.0	28.0		3.00	10.0	11.8	15
	460/60/3*	3.8	29.0		2.60	6.4	7.4	15
030	208-230/60/1	13.1	88.0	1/3	3.00	16.1	19.4	30
	265/60/1	11.5	72.0		2.60	14.1	17.0	25
	208-230/60/3	8.0	68.0		3.00	11.0	13.0	20
	460/60/3*	3.0	39.0		2.60	5.6	6.4	15
036	208-230/60/1	14.6	91.0	1/2	5.00	19.6	23.3	35
	265/60/1	11.9	79.0		4.10	16.0	19.0	30
	208-230/60/3	9.2	82.0		5.00	14.2	16.5	25
	460/60/3*	4.2	44.3		4.10	8.3	9.4	15
042	208-230/60/1	22.4	126.0	1/2	7.30	29.7	35.3	50
	208-230/60/3	9.2	82.0		7.30	16.5	18.8	25
	460/60/3*	6.7	56.0		5.50	12.2	13.9	20
048	208-230/60/1	23.3	128.4	3/4	7.30	30.6	36.4	50
	208-230/60/3	12.0	105.3		7.30	19.3	22.3	30
	460/60/3*	6.2	61.8		5.50	11.7	13.3	15
060	208-230/60/1	27.1	178.0	1	9.40	36.5	43.3	70
	208-230/60/3	15.2	140.0		9.40	24.6	28.4	40
	460/60/3*	7.4	54.7		6.90	14.3	16.1	20

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Table 359: WSTV Unit with EC Motor - Constant CFM

WSTV Unit Size	Voltage/Hz/Phase	Compressor		EC Fan Motor - Constant CFM		Total Unit FLA	MCA	MOCP
		RLA	LRA	HP	FLA			
024	208-230/60/1	9.9	67.5	1/3	3.00	12.9	15.4	25
	265/60/1	7.9	52.0		2.60	10.5	12.5	20
	208-230/60/3	7.0	28.0		3.00	10.0	11.8	15
	460/60/3*	3.8	29.0		2.60	6.4	7.4	15
030	208-230/60/1	13.1	88.0	1/3	3.00	16.1	19.4	30
	265/60/1	11.5	72.0		2.60	14.1	17.0	25
	208-230/60/3	8.0	68.0		3.00	11.0	13.0	20
	460/60/3*	3.0	39.0		2.60	5.6	6.4	15
036	208-230/60/1	14.6	91.0	1/2	5.00	19.6	23.3	35
	265/60/1	11.9	79.0		4.10	16.0	19.0	30
	208-230/60/3	9.2	82.0		5.00	14.2	16.5	25
	460/60/3*	4.2	44.3		4.10	8.3	9.4	15
042	208-230/60/1	22.4	126.0	3/4	7.30	29.7	35.3	50
	208-230/60/3	9.2	82.0		7.30	16.5	18.8	25
	460/60/3*	6.7	56.0		5.50	12.2	13.9	20
048	208-230/60/1	23.3	128.4	3/4	7.30	30.6	36.4	50
	208-230/60/3	12.0	105.3		7.30	19.3	22.3	30
	460/60/3*	6.2	61.8		5.50	11.7	13.3	15
	575/60/3	4.5	39.0		9.60	14.1	16.5	25
060	208-230/60/1	27.1	178.0	1	9.40	36.5	43.3	70
	208-230/60/3	15.2	140.0		9.40	24.6	28.4	40
	460/60/3*	7.4	54.7		6.90	14.3	16.1	20
	575/60/3	5.6	47.8		12.80	18.4	21.6	30
070	208-230/60/1	29.2	185.2	1	9.40	38.6	45.9	70
	208-230/60/3	16.2	155.0		9.40	25.6	29.6	45
	460/60/3*	7.1	70.8		6.90	14.0	15.7	20
	575/60/3	6.0	58.2		12.80	18.8	22.0	30

*All 460/60/3 units require a field supplied 4-wire power supply which includes a neutral wire providing 265 volts to the fan motor.

Control Wiring Schematics

Figure 10: MicroTech Unit Control with PSC Motor - 115 Volt

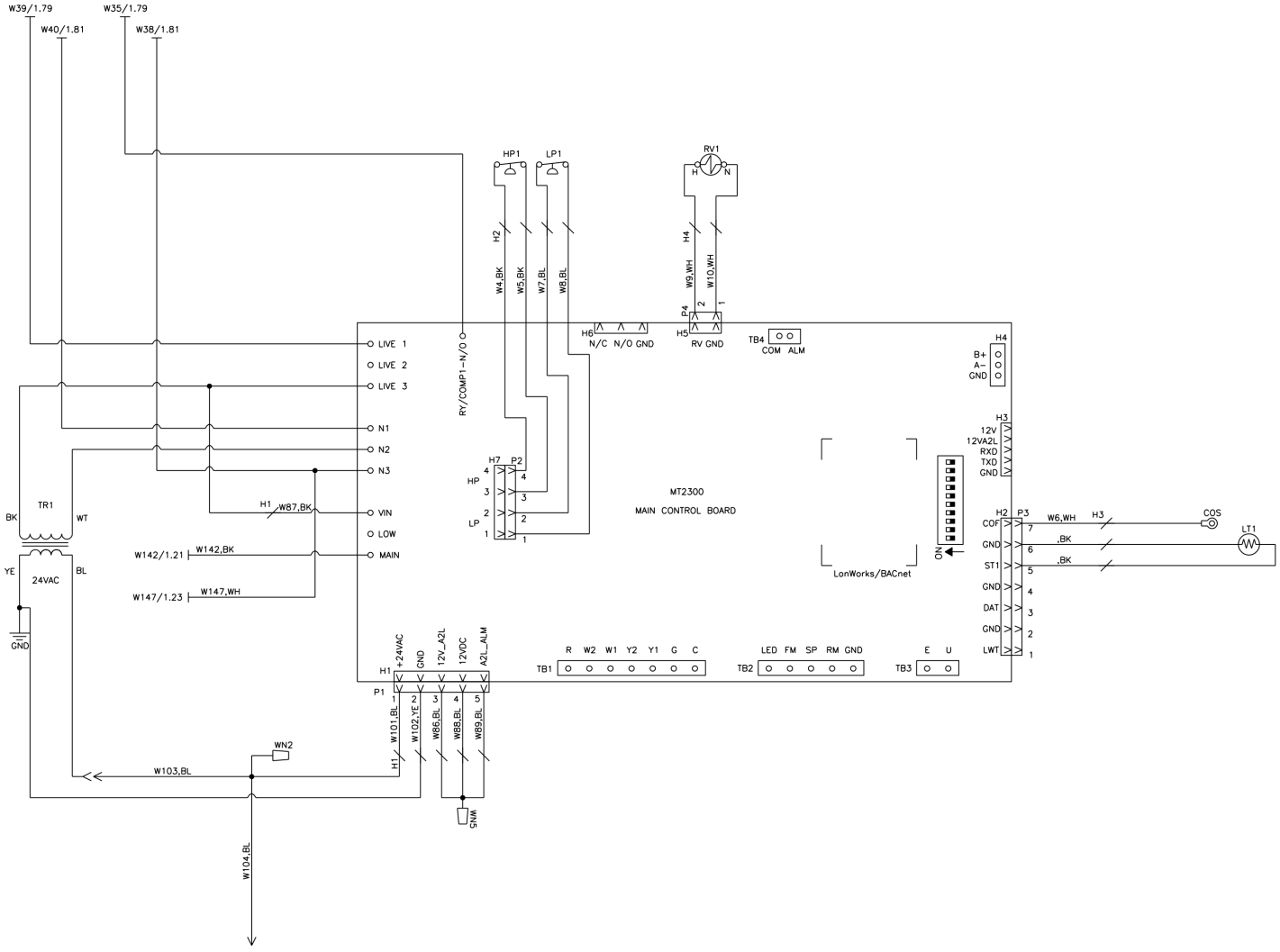


Figure 11: MicroTech Unit Control with PSC Motor - 208-230, 265, 460, 575 Volt

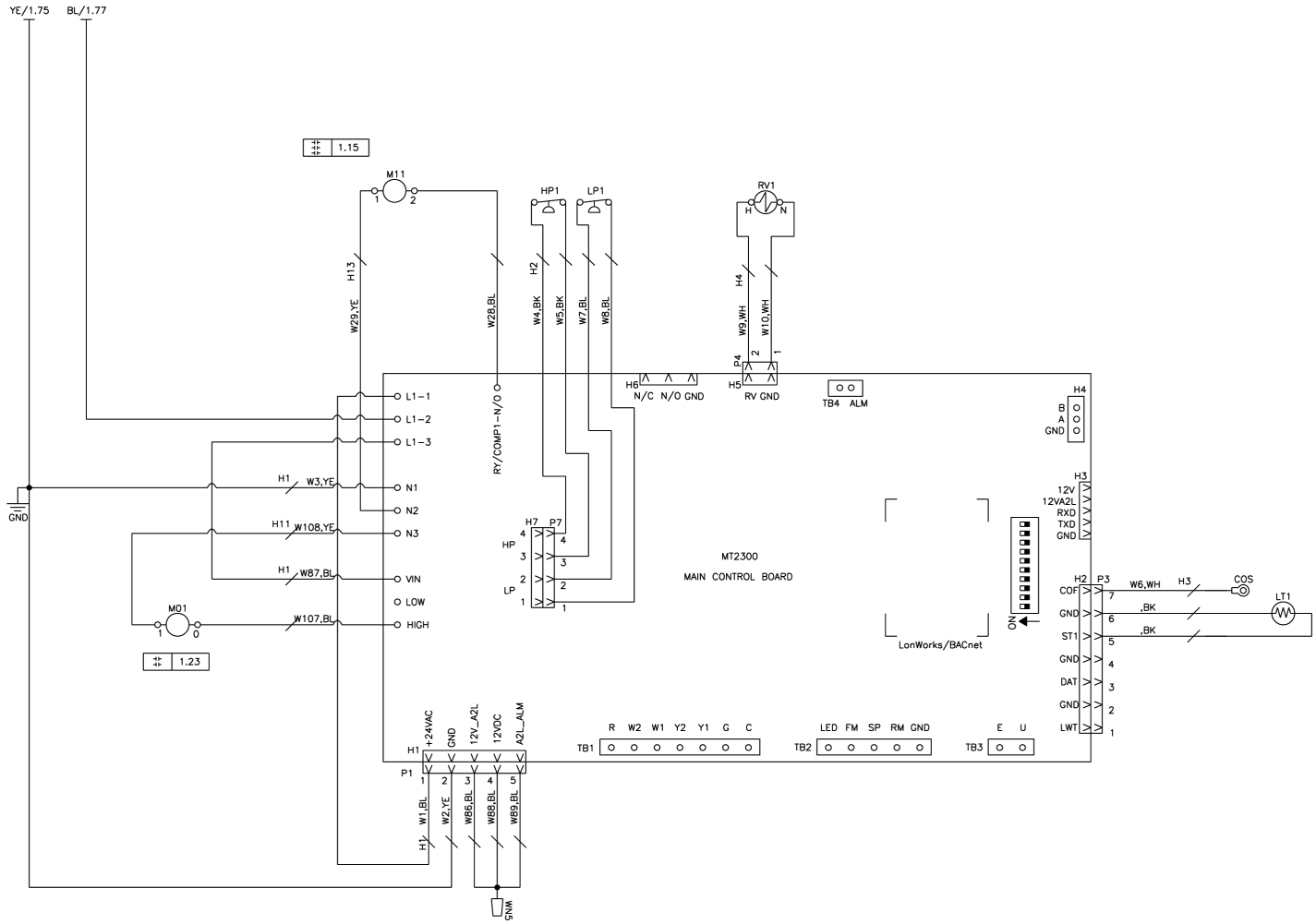


Figure 12: MicroTech Unit Control with Constant Torque ECM - Sizes 007-012

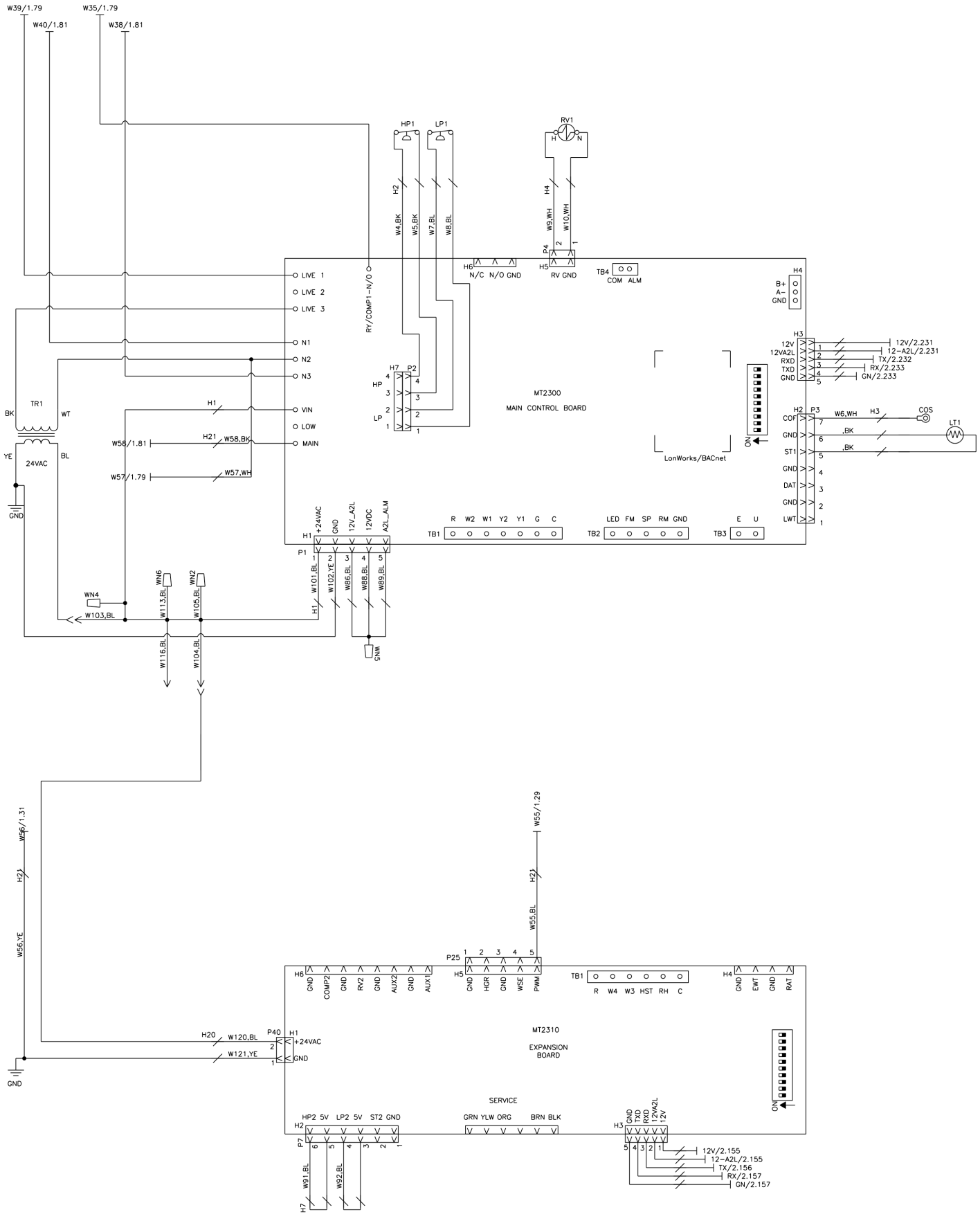


Figure 13: MicroTech Unit Control with Constant Torque ECM with Waterside Economizer

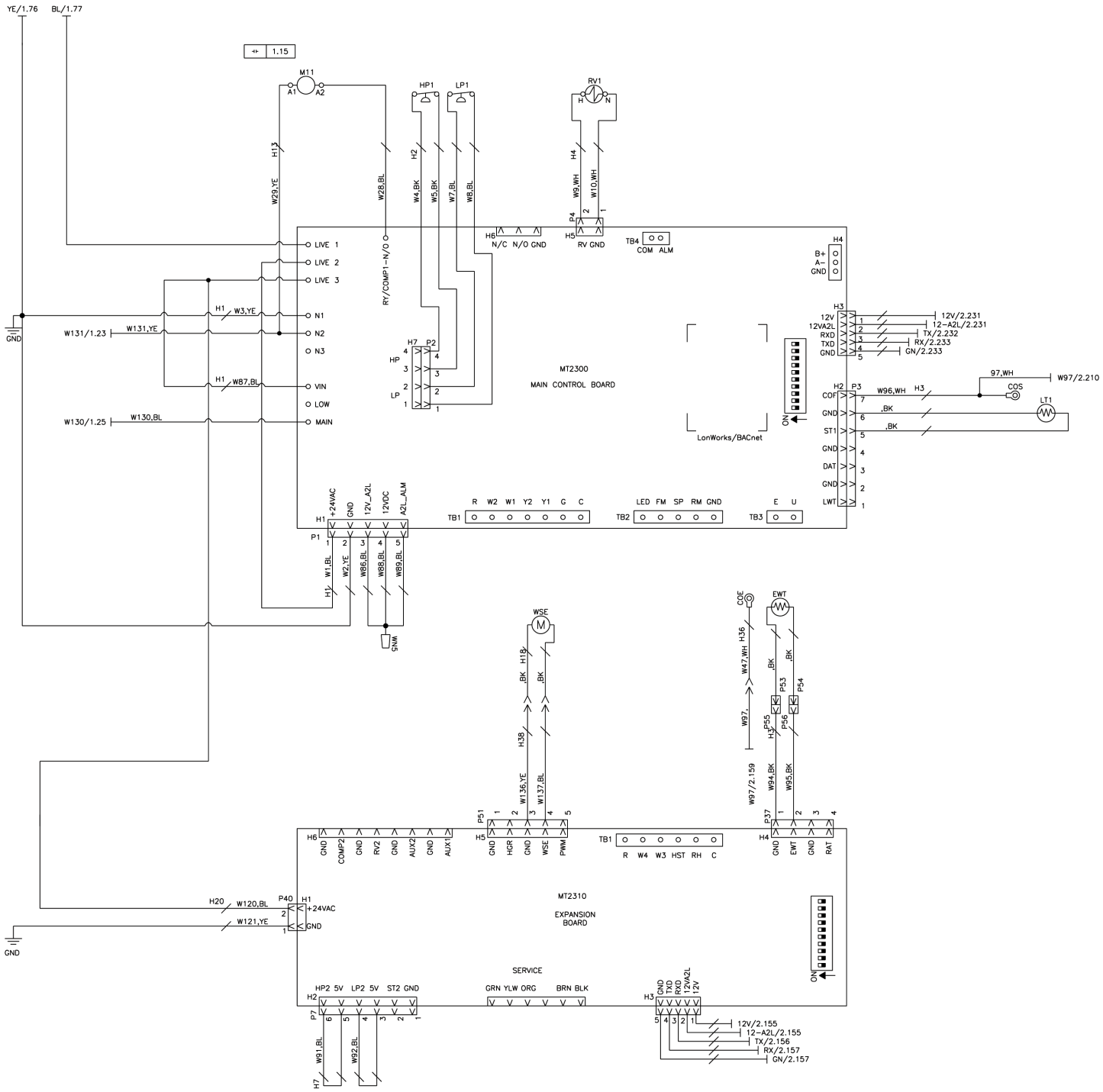


Figure 14: MicroTech Unit Control with Constant CFM ECM with Hot Gas Reheat

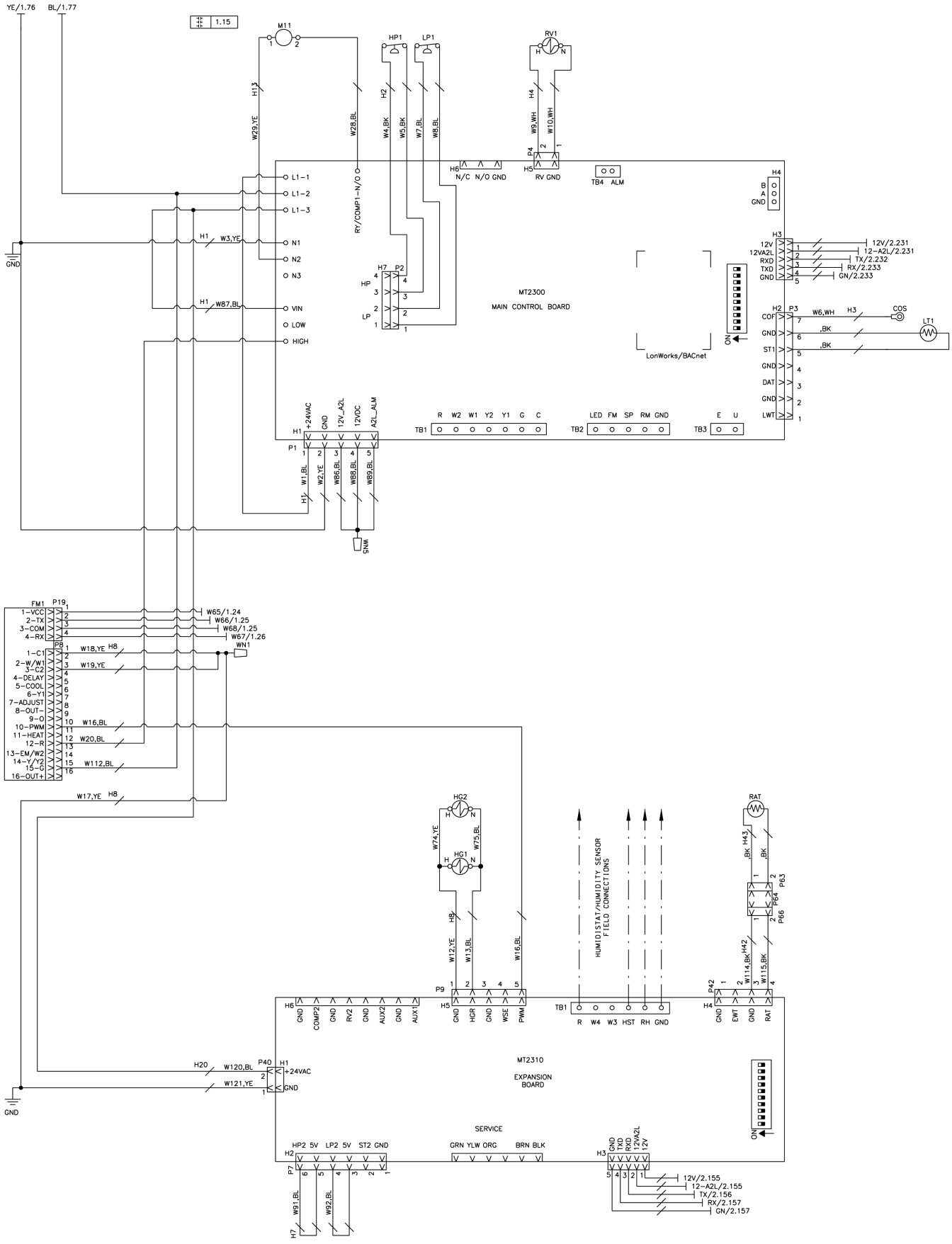


Figure 15: MicroTech Unit Control with Constant CFM ECM - Two Stage Unit

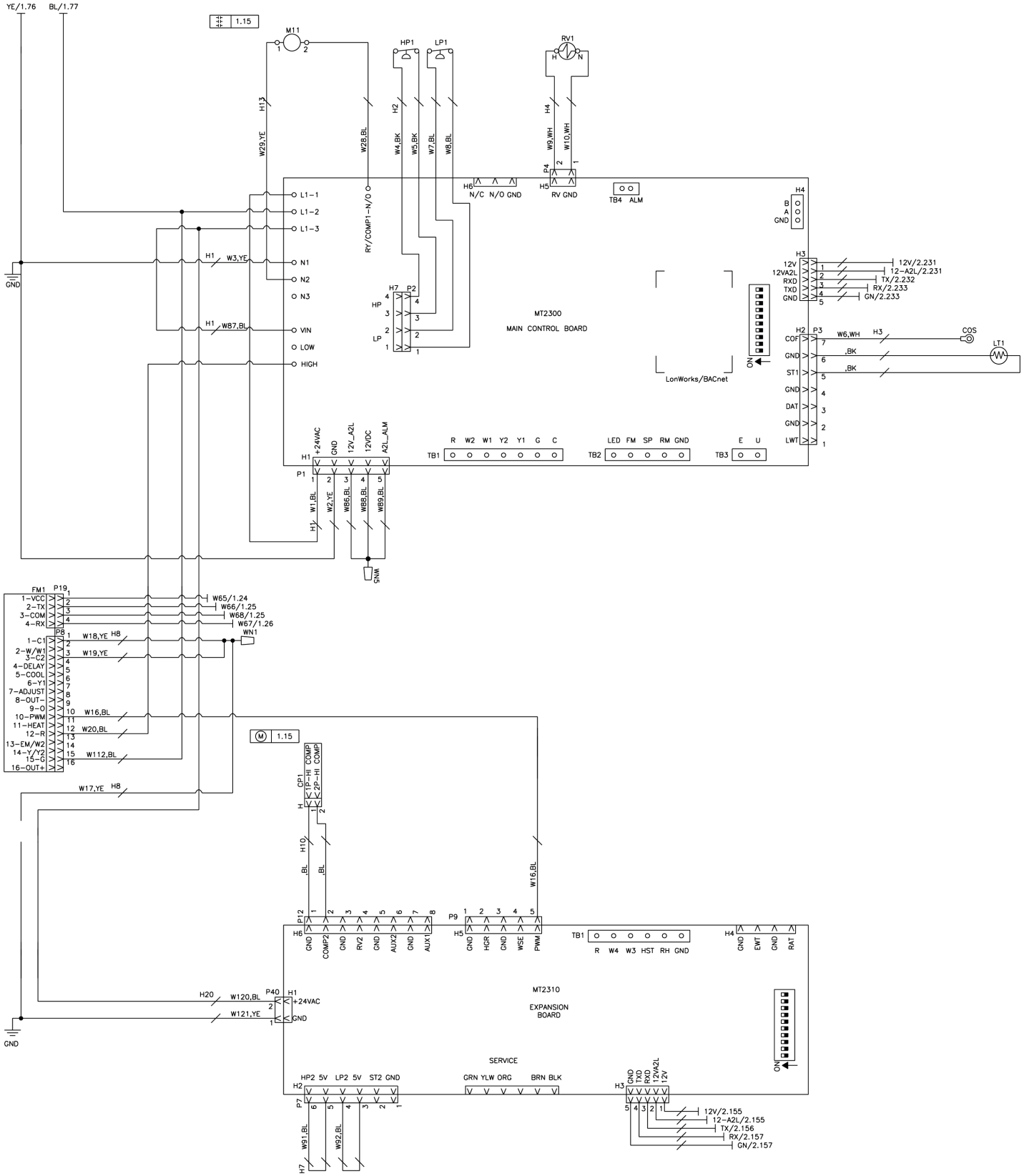


Figure 16: MicroTech Unit Control with Constant CFM ECM with Electric Heat Control Wiring

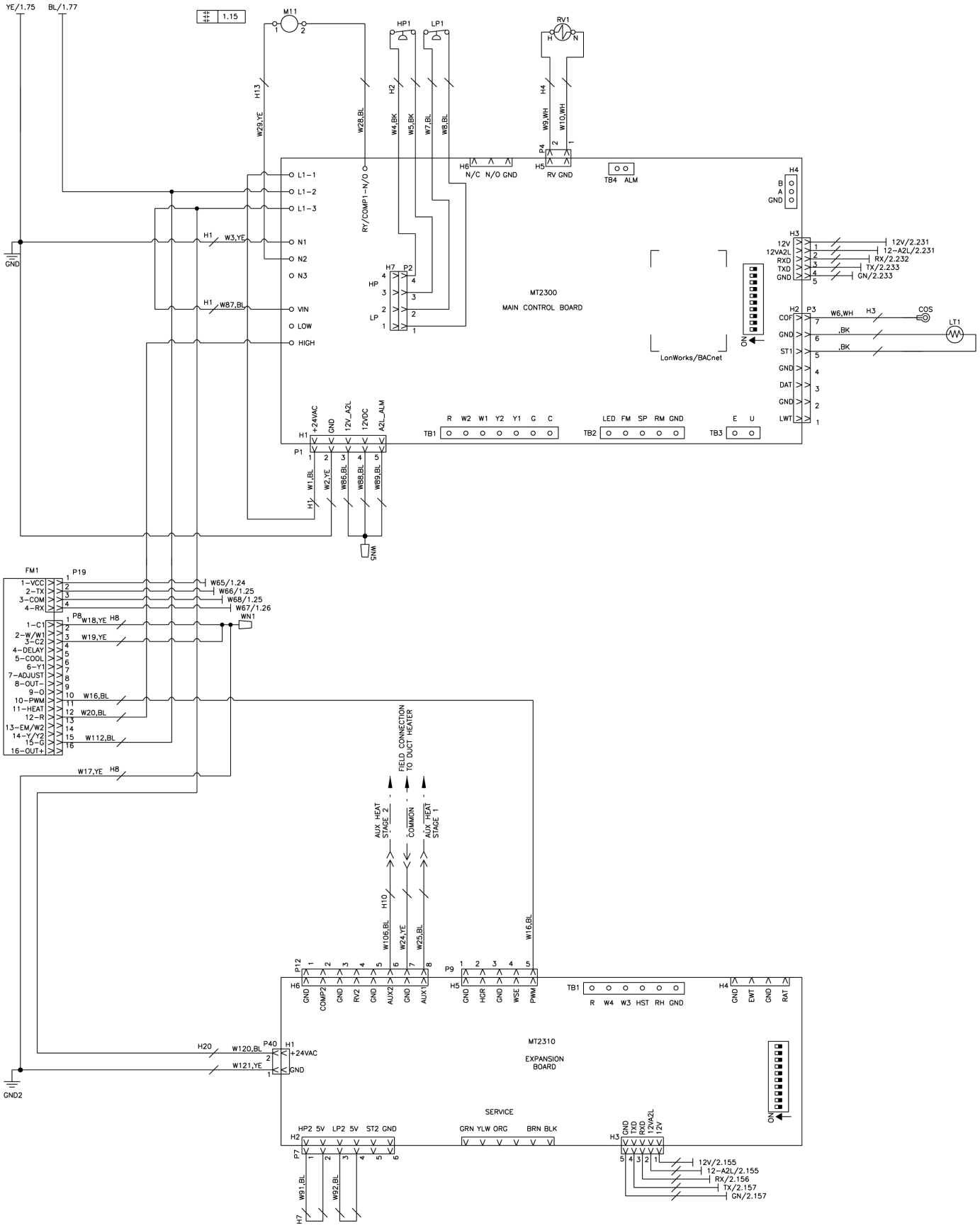
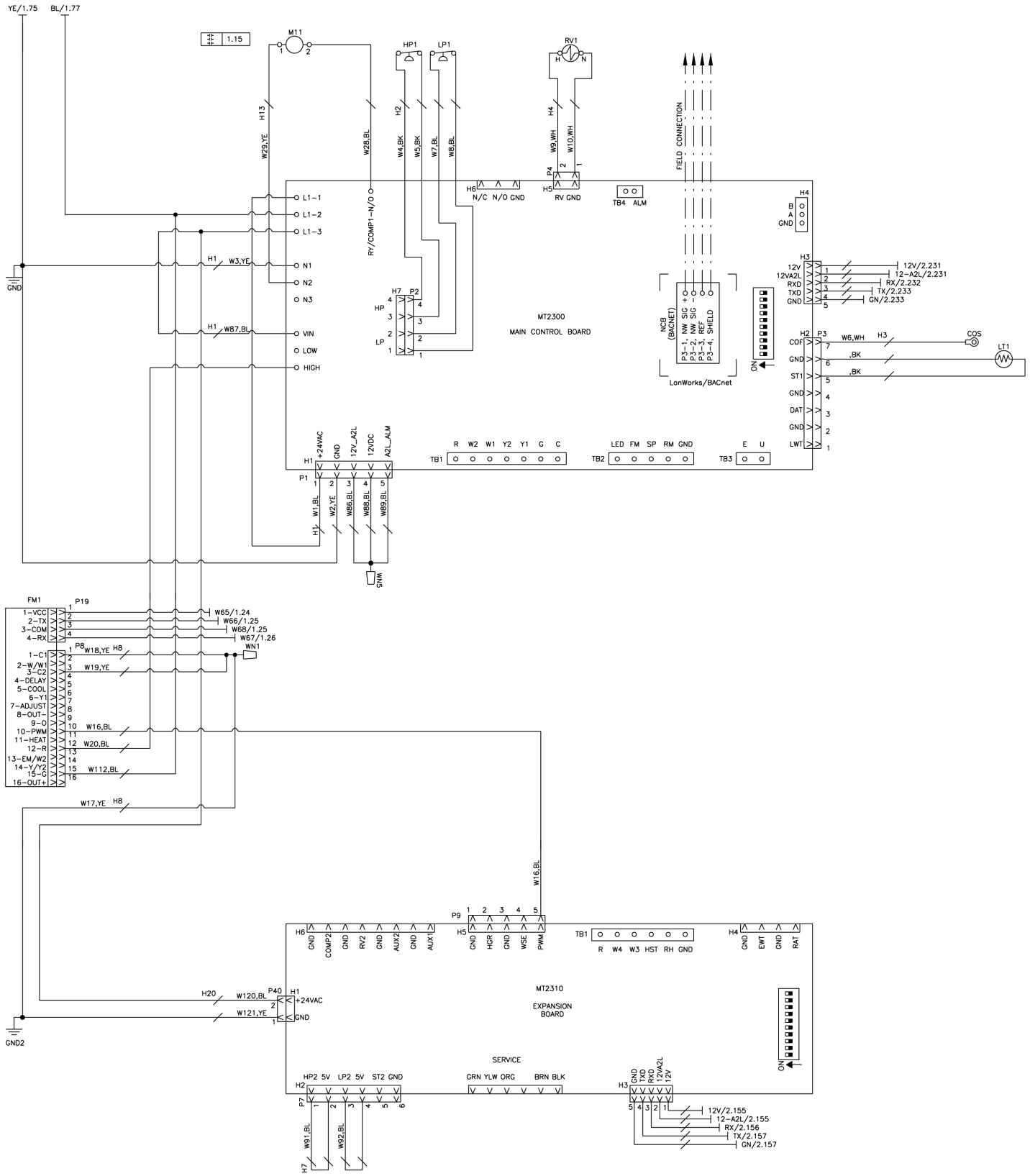


Figure 17: MicroTech Unit Control with Constant CFM ECM with BACnet Communication Module



Line Voltage Wiring Schematics

Figure 18: 115V/60Hz/1Ph with PSC Motor

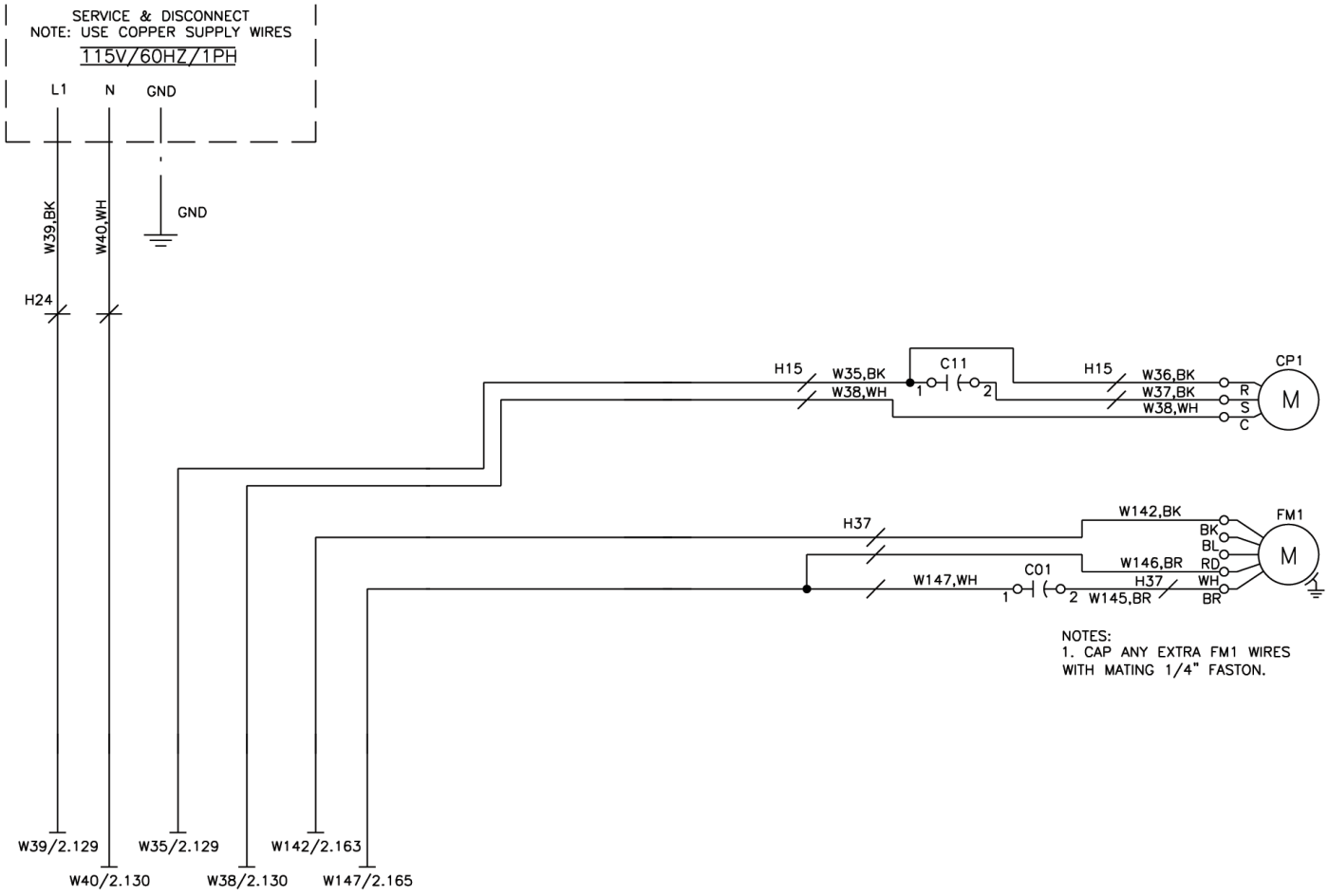


Figure 19: 115V/60Hz/1Ph with Constant Torque ECM - Sizes 007-012

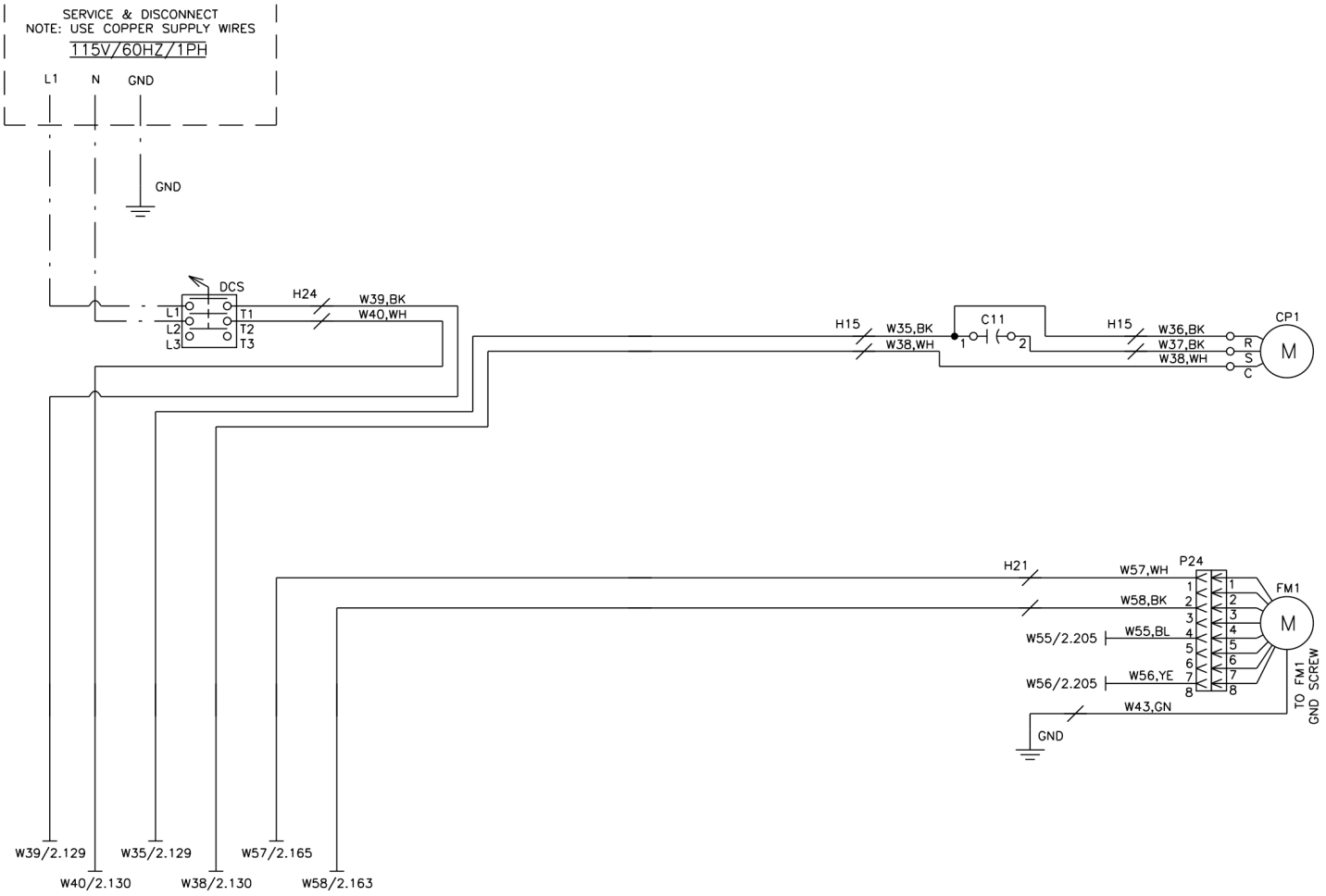


Figure 20: 265V/60Hz/1Ph with Constant Torque ECM - Sizes 015-070

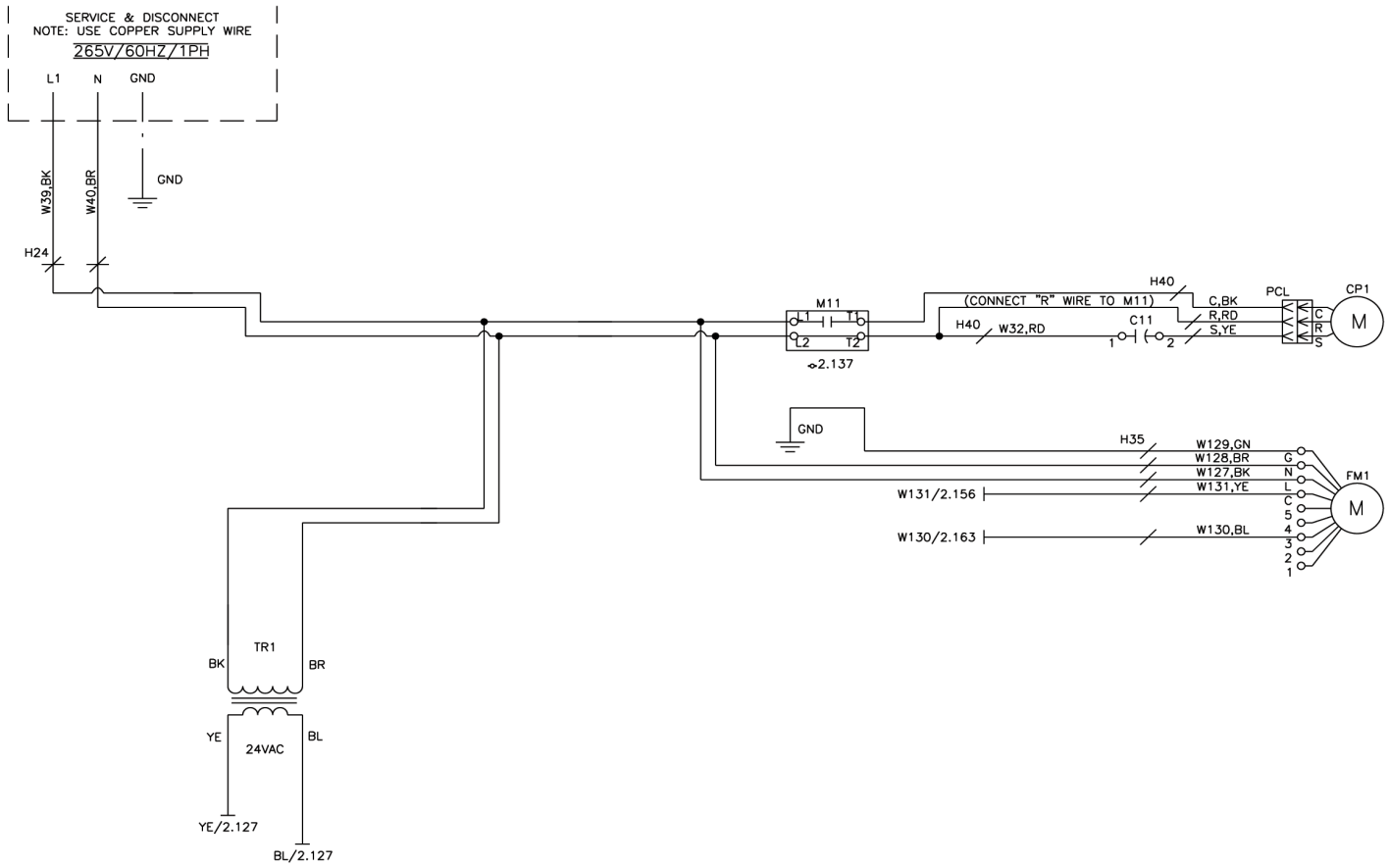


Figure 21: 208-230V/60Hz/3Ph with Constant Torque ECM - Sizes 015-070

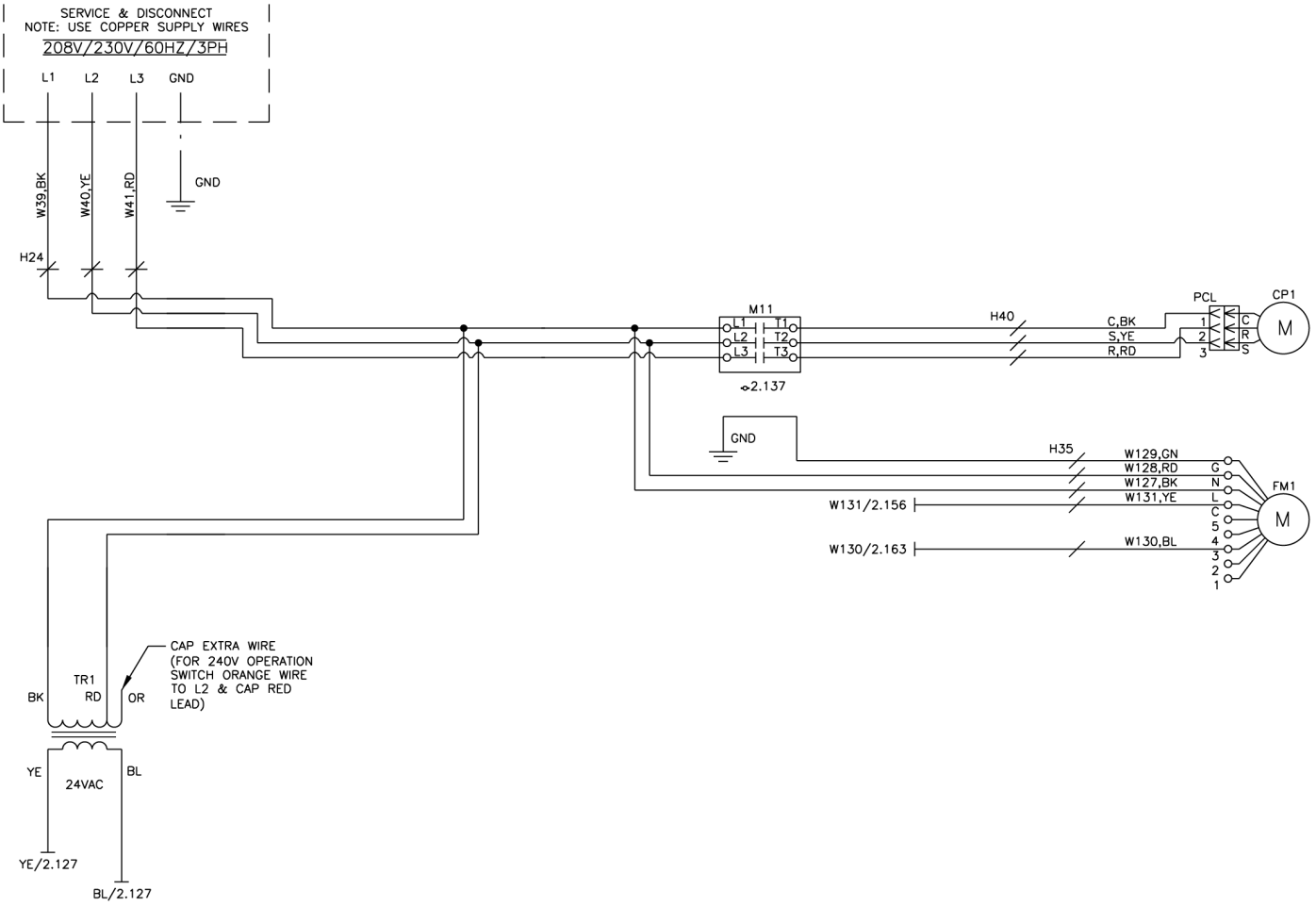


Figure 22: 265V/60Hz/1Ph, 208-230V/60Hz/1Ph with PSC Motor

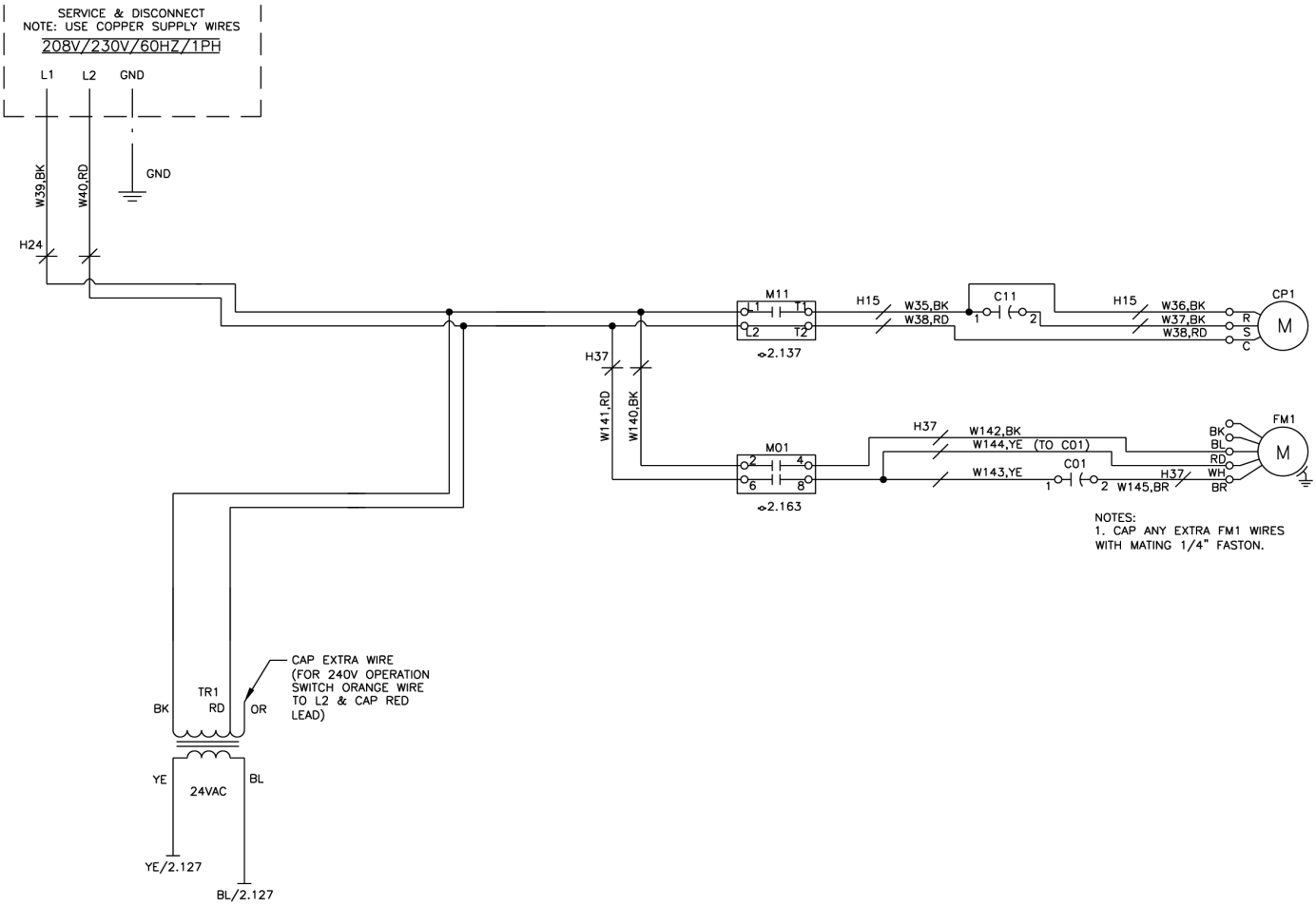


Figure 23: 460V/60Hz/3Ph, 575V/60Hz/3Ph, 208-230V/60Hz/3Ph with PSC Motor

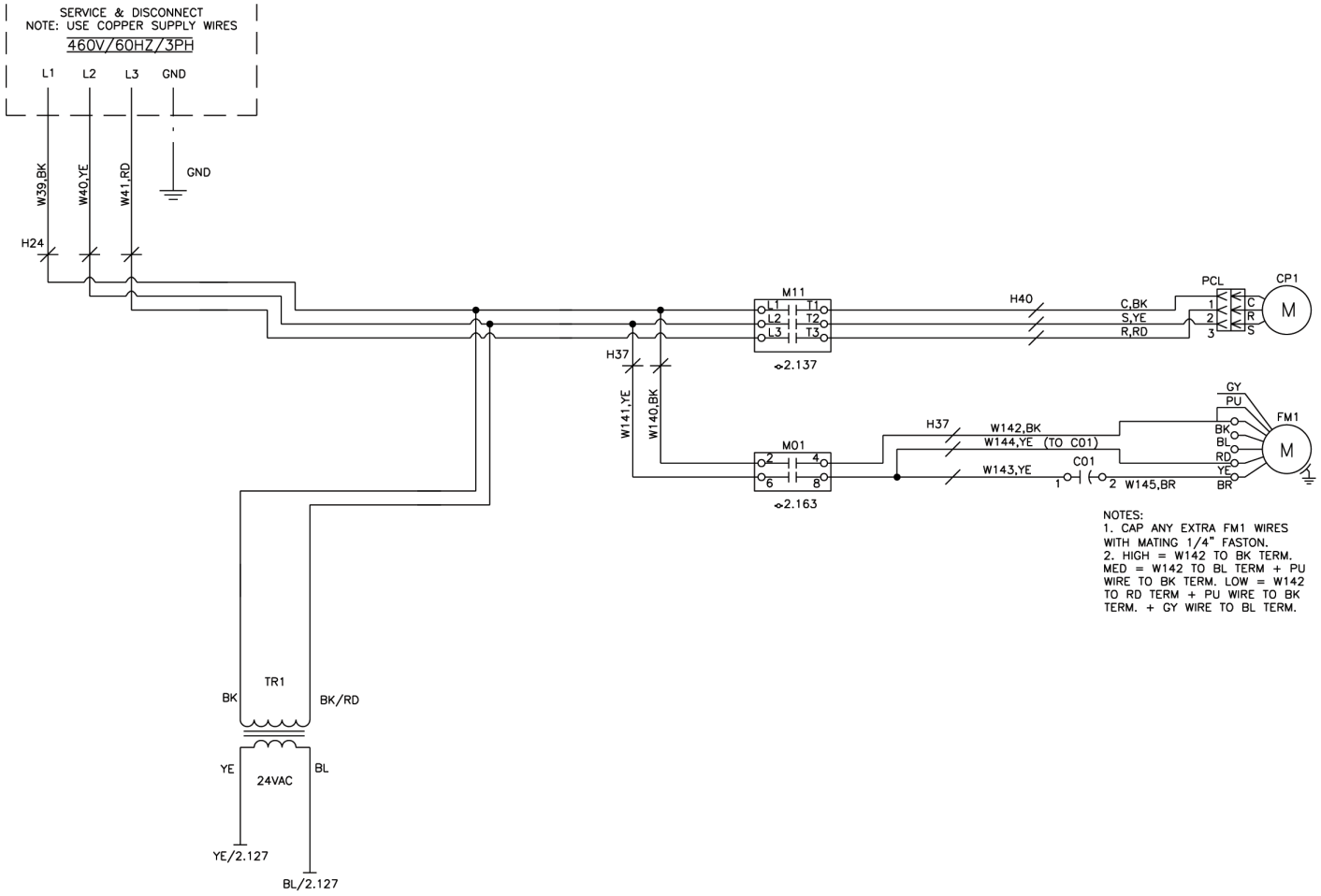


Figure 24: 208-230V/60Hz/3Ph with Constant CFM ECM Two Stage

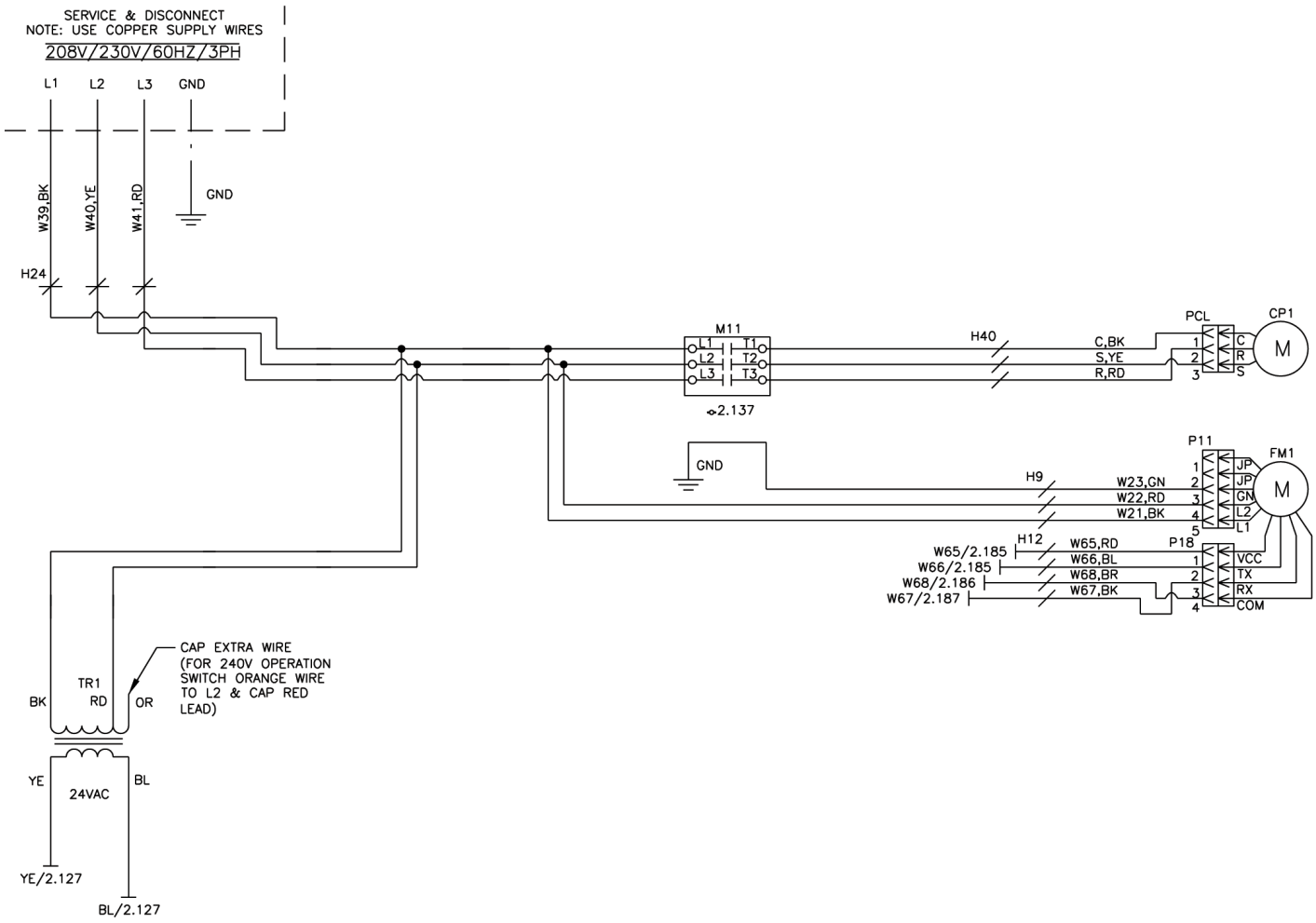
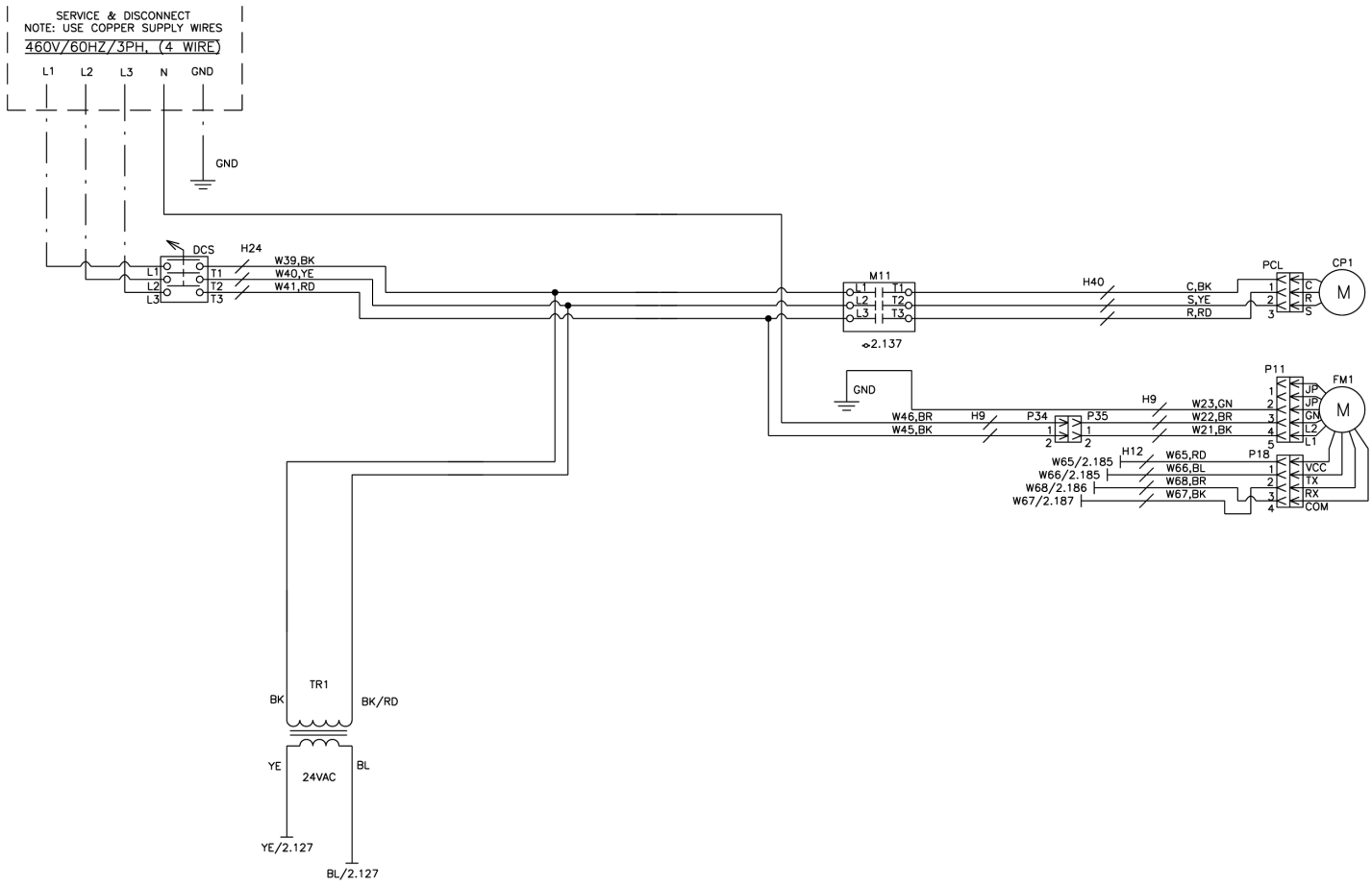


Figure 25: 460V/60Hz/3Ph with Constant CFM ECM with Electric Heat Control



Wiring Schematics Legend for Control Wiring Schematics

LEGEND			
C01-04	Fan Motor 1-4 Capacitor	**MCB**	Main Control Board
C11-12	Compressor 1, 2 Capacitor	**NCB**	Network Control Board
CP1,2	Compressor 1, 2	**OLP**	Overload Protector - Compressor Motor
COE	Condensate Overflow Protection Sensor - WSE	**P1-^**	Wire Plug
COS	Condensate Overflow Protection Sensor	**PCL**	Wire Plug Assy - Compressor Power
DAT	Discharge Air Temperature Sensor	**PCL2**	Wire Plug Assy - Two Stage Comp Ctrl
DCS	Disconnect Switch	**PDS**	Pressure Differential Switch
EB1	Expansion Control Board 1	**R15**	Relay, Field Contacts, Alarm Output
EH1	Electric Heat	**R25**	Relay, Hot Gas Reheat
EWT	Entering Water Temperature Sensor	**RAT**	Return Air Temperature Sensor
FM1-4	Fan Motor 1-4	**RV1,2**	Reversing Valve 1, 2
FU1-4	Fuse 1-4	**TB1**	Terminal Block, Line Voltage
GND	Ground	**TB2**	Terminal Block, 24V
H1-^	Wire Harness	**TB3**	Terminal Block, EH1 Line Voltage
HG1,2	Hot Gas Reheat Valve Actuator	**TR1**	Transformer - Control
HP1,2	High Pressure Switch 1, 2	**TR2**	Transformer - Fan Motor
HUM	Humidistat Sensor	**TSL**	Thermostat, Wireless
HYH	Hot Water Heat Valve Actuator	**TSW**	Thermostat, Wired (Unit Mounted)
ISO	Water Flow Isolation Valve Actuator	**W0001**	Wire
LAT	Leaving Air Temperature Sensor	**W1-^**	Wire
LP1,2	Low Pressure Switch 1, 2	**WH001**	Wire Harness
LT1,2	Compressor Suction Line Temperature Sensor 1, 2	**WN1**	Wire Nut
LWT	Leaving Water Temperature Sensor	**WN1-^**	Wire Nut
M01-04	Fan Motor Contactor 1-4	**WP001**	Wire Plug
M11-1	Compressor 1, 2 Contactor	**WSE**	Waterside Economizer Actuator
M70,71	Secondary Heat Contactor		

NOTE: Devices in legend may or may not be on unit.

Physical Data Tables

Horizontal Unit Physical Data

Table 360: WSCH Physical Data for Sizes 007 - 070

Unit Size	007	009	012	015	019	024	030	036	042	048	060	070
Unit Dimensions W x L x H	19" x 34" x 11.5"			19" x 42" x 17"		20" x 43" x 17.3"		21.5" x 49" x 19"		24" x 54" x 21"		24" x 65" x 21"
Compressor Type	Rotary					Scroll						
Fan Wheel - D x W (in)	9 x 7		10 x 8		11 x 10	9 x 7			10 x 8		11 x 10	
PSC Fan Motor (HP)												
115/60/1	1/12	1/12	1/12	1/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/6	1/6	1/5	1/2	1/2	1/2	1/2	3/4	3/4
265/60/1	1/12	1/12	1/12	1/6	1/6	1/5	1/2	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/2	1/2	1/2	1/2	3/4	3/4
460/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/2	1/2	1/2	1/2	3/4	3/4
575/60/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/2	3/4	3/4
EC Constant Torque Fan Motor (HP)												
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	1/2	3/4	1.0	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/3	1/2	1/2	3/4	1.0	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	1/2	3/4	1.0	1.0
Air Coil Face Area (ft^2)	1.16			2.38		2.33		3.34		4.09		5.54
Coil Rows	3	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"					3/4"				1.0"		
Coax Coil Volume (gal @ 70° F)	0.10			0.12		0.22		0.43		0.48	0.82	
Condensate Connection Size (FPT)	3/4"											
Refrigerant Charge (oz)	13.0	14.0		23.0	24.0	28.0	29.0	32.0	37.0	44.0	49.0	57.0
Filter (qty) Size (in) - W x H x 1"	(1) 10 x 20			(1) 16 x 25		(1) 16 x 24		(1) 18 x 30		(2) 20 x 16		(2) 20 x 22.25
Operating Weight (lbs)	100		105	145	153	184		220	238	299	313	332
Shipping Weight (lbs)	142		147	193	201	232		280	298	364	378	406
Pallet Weight (lbs)	44			52				66		72		81
Waterside Economizer Section Weight (lbs)	23			35		36		49		52		58
Waterside Economizer Coil Volume (gal)	0.22			0.46		0.53		0.68		0.88		0.85

Table 361: WSMH Physical Data for Sizes 007 - 060

Unit Size	007	009	012	015	019	024	030	036	042	048	060
Unit Dimensions W x L x H	19" x 40" x 11.5"			19" x 43" x 17.3"		21.5" x 49" x 19"		23.9" x 54" x 19"		23.9" x 65" x 21"	
Compressor Type	Rotary					Scroll					
Fan Wheel - D x W (in)	6 x 8			9 x 7					10 x 8		11 x 10
PSC Fan Motor (HP)											
115/60/1	1/12	1/8	1/8	1/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/6	1/6	1/6	1/3	1/3	1/2	1/2	3/4
265/60/1	1/15	1/8	1/8	1/6	1/6	1/5	1/5	1/3	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/6	1/3	1/3	1/2	1/2	3/4
460/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/3	1/3	1/3	1/3	1/2
575/60/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/2	1/2
EC Constant Torque Fan Motor (HP)											
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/3	1/2	3/4	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/3	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/3	1/3	1/2	3/4	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	3/4	3/4	1.0
Air Coil Face Area (ft^2)	1.59			2.38		3.00		3.73		5.56	
Coil Rows	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"			3/4"				1.0"			
Coax Coil Volume (gal @ 70° F)	0.10			0.22		0.36		0.48		0.76	
Condensate Connection Size (FPT)	3/4"										
Refrigerant Charge (oz)	14.0	17.0	16.0	23.0	25.0	33.0	29.0	40.0	42.0	50.0	53.0
Filter (qty) Size (in) - W x H x 1"	(1) 25.5 x 10.5			(1) 24 x 16		(1) 30 x 18		(2) 18 x 18		(2) 20 x 22.5	
Operating Weight (lbs)	106	112		162		218		234	283	309	313
Shipping Weight (lbs)	151	157		210		279		298	347	383	387
Pallet Weight (lbs)	47			52		67		71		81	
Waterside Economizer Section Weight (lbs)	27			36		49		53		58	
Waterside Economizer Coil Volume (gal)	0.27			0.53		0.68		0.78		0.85	

Table 362: WSSH Physical Data for Sizes 007 - 070

Unit Size	007	009	012	015	019	024	030	036	042	048	060	070
Unit Dimensions W x L x H	19" x 42" x 17"			21.5" x 49" x 19"		24" x 54" x 19"		24" x 65" x 21"		24" x 79" x 21"		
Compressor Type	Rotary					Scroll						
Fan Wheel - D x W (in)	6 x 8			9 x 7					10 x 8		11 x 10	
EC Constant Torque Fan Motor (HP)												
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	1/2	3/4	1.0	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/3	1/2	1/2	3/4	1.0	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0	1.0
575/60/3	N/A									3/4	1.0	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	1/2	3/4	1.0	1.0
Air Coil Face Area (ft²)	2.38			2.85		3.73		5.56			6.09	
Coil Rows	3	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"			1.0"								
Braze Plate Volume (gal @ 70° F)	0.02	0.03	0.04	0.12		0.14	0.17	0.19	0.21	0.26	0.31	0.38
Condensate Connection Size (FPT)	3/4"											
Refrigerant Charge (oz)	19.5	20.0		29.0	34.0	25.0	28.0	55.0	60.0	56.0	54.0	61.0
Filter (qty) Size (in) - W x H x 1"	(1) 25 x 16			(1) 30 x 18		(2) 18 x 18		(2) 20 x 22.25		(2) 24.25 x 20		
Operating Weight (lbs)	127		128	163	167	205	207	240	272	298	303	304
Shipping Weight (lbs)	175		176	224	228	269	271	314	346	383	388	389
Pallet Weight (lbs)	52			67		71		81		93		
Waterside Economizer Section Weight (lbs)	35			49		53		58		61		
Waterside Economizer Coil Volume (gal)	0.46			0.68		0.78		0.85		0.91		

Table 363: WSDH Physical Data for Sizes 024 - 070

Unit Size	024	030	036	042	048	060	070
Unit Dimensions W x L x H	20" x 43" x 17.3"		21.5" x 49" x 19"		24" x 54" x 21"		24" x 65" x 21"
Compressor Type	Scroll						
Fan Wheel - D x W (in)	9 x 7			10 x 8		11 x 10	
EC Constant CFM Fan Motor (HP)	1/3	1/3	1/2	1/2	3/4	1.0	1.0
Air Coil Face Area (ft²)	2.33		3.34		4.09		5.54
Coil Rows	3	3	3	3	3	3	3
Water Connection Size (FPT)	3/4"				1.0"		
Coax Coil Volume (gal @ 70° F)	0.22		0.43		0.48	0.82	
Condensate Connection Size (FPT)	3/4"						
Refrigerant Charge (oz)	30.0	27.0	36.0	37.0	42.0	46.0	50.0
Filter (qty) Size (in) - W x H x 1"	(1) 16 x 24		(1) 18 x 30		(2) 20 x 16		(2) 20 x 22.25
Operating Weight (lbs)	184		220	238	299	313	332
Shipping Weight (lbs)	232		280	298	364	378	406
Pallet Weight (lbs)	52		66		72		81
Waterside Economizer Section Weight (lbs)	36		49		52		58
Waterside Economizer Coil Volume (gal)	0.53		0.68		0.88		0.85

Table 364: WSNH Physical Data for Sizes 024 - 060

Unit Size	024	030	036	042	048	060
Unit Dimensions W x L x H	21.5" x 49" x 19"		23.9" x 54" x 19"		23.9" x 65" x 21"	
Compressor Type	Scroll					
Fan Wheel - D x W (in)	9 x 7			10 x 8		11 x 10
EC Constant CFM Fan Motor (HP)	1/3		1/2	3/4		1.0
Air Coil Face Area (ft^2)	3.00		3.73		5.56	
Coil Rows	3	3	3	3	3	3
Water Connection Size (FPT)	3/4"		1.0"			
Coax Coil Volume (gal @ 70° F)	0.36		0.48		0.76	
Condensate Connection Size (FPT)	3/4"					
Refrigerant Charge (oz)	28.0	30.0	40.0		51.0	49.0
Filter (qty) Size (in) - W x H x 1"	(1) 30 x 18		(2) 18 x 18		(2) 20 x 22.5	
Operating Weight (lbs)	218		234	283	309	313
Shipping Weight (lbs)	279		298	347	383	387
Pallet Weight (lbs)	67		71		81	
Waterside Economizer Section Weight (lbs)	49		53		58	
Waterside Economizer Coil Volume (gal)	0.68		0.78		0.85	

Table 365: WSTH Physical Data for Sizes 024 - 070

Unit Size	024	030	036	042	048	060	070
Unit Dimensions W x L x H	24" x 54" x 19"		24" x 65" x 21"		24" x 79" x 21"		
Compressor Type	Scroll						
Fan Wheel - D x W (in)	9 x 7			10 x 8		11 x 10	
EC Constant CFM Fan Motor (HP)	1/3	1/3	1/2	1/2	3/4	1.0	1.0
Air Coil Face Area (ft^2)	3.73		5.56			6.09	
Coil Rows	3	3	3	3	3	3	3
Water Connection Size (FPT)	1.0"						
Braze Plate Volume (gal @ 70° F)	0.14	0.17	0.19	0.21	0.26	0.31	0.38
Condensate Connection Size (FPT)	3/4"						
Refrigerant Charge (oz)	25.0	28.0	55.0	58.0	55.0	57.0	55.0
Filter (qty) Size (in) - W x H x 1"	(2) 18 x 18		(2) 20 x 22.5		(2) 24.25 x 20		
Operating Weight (lbs)	205	207	240	272	298	303	304
Shipping Weight (lbs)	269	271	314	346	383	388	389
Pallet Weight (lbs)	71		81		93		
Waterside Economizer Section Weight (lbs)	53		58		61		
Waterside Economizer Coil Volume (gal)	0.78		0.85		0.91		

Horizontal Unit Corner Weights

Figure 26: Corner Weight Dimensions

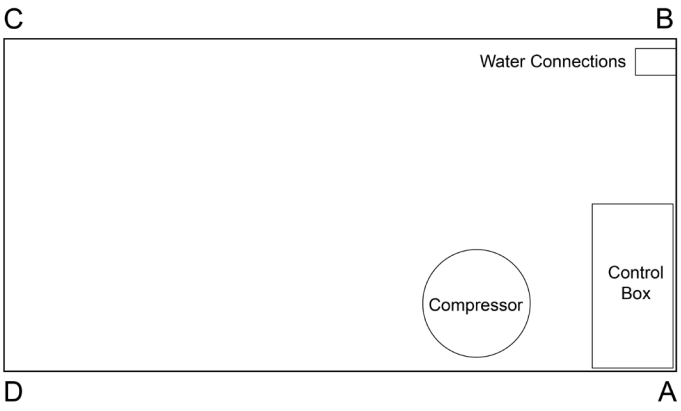


Table 366: WSCH, WSDH Unit Corner Weights, Percentage of Total Operating Weight (Base Unit Only) for Figure 26

Unit Size	Unit Weight (lbs.)	Corner Weight % of Total Operating Weight			
		A	B	C	D
007, 009	98	22%	20%	28%	30%
012	103	22%	20%	28%	30%
015	141	29%	26%	22%	24%
019	149	31%	24%	20%	26%
024, 030	180	30%	25%	20%	25%
036	214	24%	21%	26%	29%
042	232	34%	22%	17%	26%
048	292	33%	23%	18%	26%
060	306	33%	23%	18%	26%
070	325	35%	23%	16%	25%

Table 367: WSMH, WSNH Unit Corner Weights, Percentage of Total Operating Weight (Base Unit Only) for Figure 26

Unit Size	Unit Weight (lbs.)	Corner Weight % of Total Operating Weight			
		A	B	C	D
007	104	29%	29%	21%	21%
009	110	29%	29%	21%	21%
012	108	29%	29%	21%	21%
015	158	30%	25%	20%	25%
019	158	29%	25%	21%	24%
024, 030	212	32%	25%	19%	24%
036	227	32%	25%	19%	24%
042	276	33%	24%	18%	25%
048	302	35%	25%	17%	24%
060	306	34%	25%	17%	24%

Table 368: WSSH, WSTH Unit Corner Weights, Percentage of Total Operating Weight (Base Unit Only) for Figure 26

Unit Size	Unit Weight (lbs.)	Corner Weight % of Total Operating Weight			
		A	B	C	D
007, 009	123	33%	25%	18%	24%
012	124	33%	24%	18%	25%
015	157	31%	27%	20%	23%
019	161	33%	25%	18%	24%
024	198	32%	25%	19%	24%
030	200	33%	25%	18%	24%
036	233	31%	25%	20%	24%
042	265	34%	24%	17%	24%
048	290	34%	25%	17%	23%
060	295	33%	25%	18%	24%
070	296	31%	25%	19%	24%

Vertical Unit Physical Data

Table 369: WSCV Physical Data for Sizes 007 - 070

Unit Size	007	009	012	015	019	024	030	036	042	048	060	070
Unit Dimensions W x L x H	19" x 19" x 25"			21.5" x 21.5" x 34"		21.5" x 21.5" x 38"		21.5" x 26" x 44"		24" x 32.5" x 46"		
Compressor Type	Rotary					Scroll						
Fan Wheel - D x W (in)	6 x 8			9 x 7					10 x 8		12.25 x 11.75	
PSC Fan Motor (HP)												
115/60/1	1/12	1/12	1/12	1/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/6	1/6	1/5	1/2	1/2	1/2	1/2	3/4	3/4
265/60/1	1/12	1/12	1/12	1/6	1/6	1/5	1/2	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/2	1/2	1/2	1/2	3/4	3/4
460/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/2	1/2	1/2	1/2	3/4	3/4
575/60/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/2	3/4	3/4
EC Constant Torque Fan Motor (HP)												
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/2	1/2	1/2	3/4	1.0	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/2	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/2	1/2	1/2	3/4	1.0	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	3/4	3/4	1.0	1.0
Air Coil Face Area (ft^2)	1.18			1.79		2.38		3.54		4.87		
Coil Rows	3	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"					3/4"				1.0"		
Coax Coil Volume (gal @ 70° F)	0.10			0.12		0.22		0.43		0.48	0.82	
Condensate Connection Size (FPT)	3/4"											
Refrigerant Charge (oz)	14.0	15.0	14.5	24.0	21.0	24.0	28.0	41.0	42.0	56.0	55	56.0
Filter (qty) Size (in) - W x H x 1"	(1) 17.25 x 11.625			(1) 19.75 x 15		(1) 19.75 x 20.5		(1) 24.25 x 23.5		(1) 30.75 x 25.5		
Operating Weight (lbs)	98		105	142	148	183	186	213	248	285	302	
Shipping Weight (lbs)	113		120	161	167	201	204	234	269	306	323	
Pallet Weight (lbs)	17			21				25		28		
Waterside Economizer Section Weight (lbs)	23			27		32		41		49		
Waterside Economizer Coil Volume (gal)	0.21			0.28		0.41		0.53		0.81		

Table 370: WSMV Physical Data for Sizes 007 - 060

Unit Size	007	009	012	015	019	024	030	036	042	048	060
Unit Dimensions W x L x H	19" x 19" x 30.25"			21.5" x 21.5" x 38"		21.5" x 26" x 44"		24" x 32.5" x 46"		26" x 32.5" x 50.5"	
Compressor Type	Rotary					Scroll					
Fan Wheel - D x W (in)	6 x 8			9 x 7					10 x 8		12.25 x 11.75
PSC Fan Motor (HP)											
115/60/1	1/12	1/8	1/8	1/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/6	1/6	1/6	1/3	1/3	1/2	1/2	3/4
265/60/1	1/15	1/8	1/8	1/6	1/6	1/5	1/5	1/3	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/6	1/3	1/3	1/2	1/2	3/4
460/60/3	N/A	N/A	N/A	N/A	N/A	1/5	1/3	1/3	1/3	1/3	1/2
575/60/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/2	1/2
EC Constant Torque Fan Motor (HP)											
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/3	1/2	3/4	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/3	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/3	1/3	1/2	3/4	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	3/4	3/4	1.0
Air Coil Face Area (ft^2)	1.68			2.18		3.54		4.87		5.52	
Coil Rows	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"			3/4"				1.0"			
Coax Coil Volume (gal @ 70° F)	0.10			0.22		0.36		0.48		0.76	
Condensate Connection Size (FPT)	3/4"										
Refrigerant Charge (oz)	21.0	21.0	19.0	27.0	29.0	44.0	40.0	56.0	57.0	63.0	61.0
Filter (qty) Size (in) - W x H x 1"	(1) 17.25 x 16.875			(1) 19.75 x 20.5		(1) 24.25 x 23.5		(1) 30.75 x 25.5		(1) 30.75 x 29	
Operating Weight (lbs)	104	109	111	152	166	198	205	252	266	320	
Shipping Weight (lbs)	120	125	127	170	184	219	226	273	287	343	
Pallet Weight (lbs)	18			21		25		28		30	
Waterside Economizer Section Weight (lbs)	29			32		40		49		48	
Waterside Economizer Coil Volume (gal)	0.28			0.41		0.53		0.81		0.88	

Table 371: WSSV Physical Data for Sizes 007 - 070

Unit Size	007	009	012	015	019	024	030	036	042	048	060	070
Unit Dimensions W x L x H	21.5" x 21.5" x 34"			21.5" x 26" x 44"		24" x 32.5" x 46"		26" x 32.5" x 50.5"		26" x 32.5" x 54"		
Compressor Type	Rotary					Scroll						
Fan Wheel - D x W (in)	6 x 8			9 x 7					10 x 8		12.25 x 11.75	
EC Constant Torque Fan Motor (HP)												
115/60/1	1/10	1/10	1/10	1/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
208-230/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	1/2	3/4	1.0	1.0
265/60/1	1/10	1/10	1/10	1/3	1/3	1/3	1/3	1/2	N/A	N/A	N/A	N/A
208-230/60/3	N/A	N/A	N/A	N/A	N/A	1/3	1/3	1/2	1/2	3/4	1.0	1.0
460/60/3	N/A	N/A	N/A	N/A	N/A	1/2	1/2	1/2	1/2	3/4	1.0	1.0
575/60/3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3/4	1.0	1.0
EC Constant CFM Fan Motor (HP)	N/A	N/A	N/A	1/3	1/3	1/3	1/3	1/2	3/4	3/4	1.0	1.0
Air Coil Face Area (ft^2)	1.79			2.78		4.87		5.52		6.17		
Coil Rows	3	3	3	3	3	3	3	3	3	3	3	3
Water Connection Size (FPT)	1/2"			1.0"								
Braze Plate Volume (gal @ 70° F)	0.02	0.03	0.04	0.12		0.14	0.17	0.19	0.21	0.26	0.31	0.38
Condensate Connection Size (FPT)	3/4"											
Refrigerant Charge (oz)	20.0		19.0	24.0		30.0	36.0	54.0	59.0	46.0	49.0	48.0
Filter (qty) Size (in) - W x H x 1"	(1) 19.75 x 15			(1) 24.25 x 23.5		(1) 30.75 x 25.5		(1) 30.75 x 29		(1) 30.75 x 32.5		
Operating Weight (lbs)	107		112	170		222	229	237	272	283	291	292
Shipping Weight (lbs)	126		131	190		243	250	260	295	306	314	315
Pallet Weight (lbs)	21			25		28		30		31		
Waterside Economizer Section Weight (lbs)	27			44		49		48		56		
Waterside Economizer Coil Volume (gal)	0.28			0.64		0.81		0.87		0.94		

Table 372: WSDV Physical Data for Sizes 024 - 070

Unit Size	024	030	036	042	048	060	070
Unit Dimensions W x L x H	21.5" x 21.5" x 38"		21.5" x 26" x 44"		24" x 32.5" x 46"		
Compressor Type	Scroll						
Fan Wheel - D x W (in)	9 x 7			10 x 8		12.25 x 11.75	
EC Constant CFM Fan Motor (HP)	1/3	1/3	1/2	3/4	3/4	1.0	1.0
Air Coil Face Area (ft^2)	2.38		3.54		4.87		
Coil Rows	3	3	3	3	3	3	3
Water Connection Size (FPT)	3/4"				1.0"		
Coax Coil Volume (gal @ 70° F)	0.22		0.43		0.48	0.82	
Condensate Connection Size (FPT)	3/4"						
Refrigerant Charge (oz)	29.0	26.0	38.0	42.0	54.0		52.0
Filter (qty) Size (in) - W x H x 1"	(1) 19.75 x 20.5		(1) 24.25 x 23.5		(1) 30.75 x 25.5		
Operating Weight (lbs)	180	183	209	244	278	295	
Shipping Weight (lbs)	201	204	234	269	306	323	
Pallet Weight (lbs)	21		25		28		
Waterside Economizer Section Weight (lbs)	32		41		49		
Waterside Economizer Coil Volume (gal)	0.41		0.53		0.81		

Table 373: WSNV Physical Data for Sizes 024 - 060

Unit Size	024	030	036	042	048	060
Unit Dimensions W x L x H	21.5" x 26" x 44"		24" x 32.5" x 46"		26" x 32.5" x 50.5"	
Compressor Type	Scroll					
Fan Wheel - D x W (in)	9 x 7			10 x 8		12.25 x 11.75
EC Constant CFM Fan Motor (HP)	1/3	1/3	1/2	3/4	3/4	1.0
Air Coil Face Area (ft^2)	3.54		4.87		5.52	
Coil Rows	3	3	3	3	3	3
Water Connection Size (FPT)	3/4"		1.0"			
Coax Coil Volume (gal @ 70° F)	0.36		0.48		0.76	
Condensate Connection Size (FPT)	3/4"					
Refrigerant Charge (oz)	39.0		56.0	53.0	62.0	
Filter (qty) Size (in) - W x H x 1"	(1) 24.25 x 23.5		(1) 30.75 x 25.5		(1) 30.75 x 29	
Operating Weight (lbs)	198	205	252	266	320	
Shipping Weight (lbs)	219	226	273	287	343	
Pallet Weight (lbs)	25		28		30	
Waterside Economizer Section Weight (lbs)	40		49		48	
Waterside Economizer Coil Volume (gal)	0.53		0.81		0.88	

Table 374: WSTV Physical Data for Sizes 024 - 070

Unit Size	024	030	036	042	048	060	070
Unit Dimensions W x L x H	24" x 32.5" x 46"		26" x 32.5" x 50.5"		26" x 32.5" x 54"		
Compressor Type	Scroll						
Fan Wheel - D x W (in)	9 x 7			10 x 8		12.25 x 11.75	
EC Constant CFM Fan Motor (HP)	1/3	1/3	1/2	3/4	3/4	1.0	1.0
Air Coil Face Area (ft^2)	4.87		5.52		6.17		
Coil Rows	3	3	3	3	3	3	3
Water Connection Size (FPT)	1.0"						
Braze Plate Volume (gal @ 70° F)	0.14	0.17	0.19	0.21	0.26	0.31	0.38
Condensate Connection Size (FPT)	3/4"						
Refrigerant Charge (oz)	29.0	26.0	38.0	42.0	54.0		52.0
Filter (qty) Size (in) - W x H x 1"	(1) 30.75 x 25.5		(1) 30.75 x 29		(1) 30.75 x 32.5		
Operating Weight (lbs)	222	229	237	272	283	291	292
Shipping Weight (lbs)	243	250	260	295	306	314	315
Pallet Weight (lbs)	28		30		31		
Waterside Economizer Section Weight (lbs)	49		48		56		
Waterside Economizer Coil Volume (gal)	0.81		0.87		0.94		

Dimensional Drawings

Horizontal Unit

Filter Rack, Return Duct Collar Dimensions

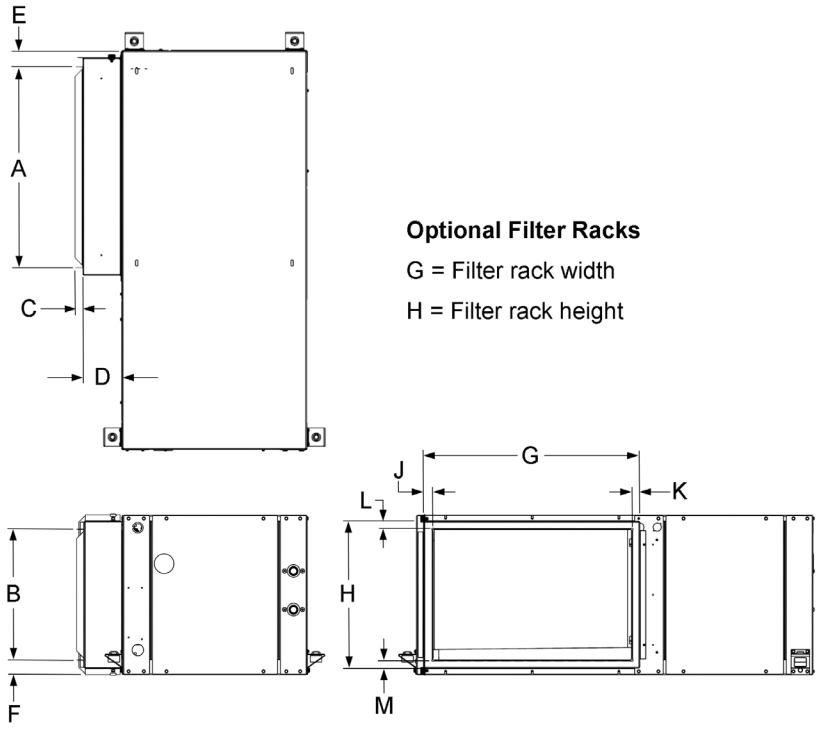


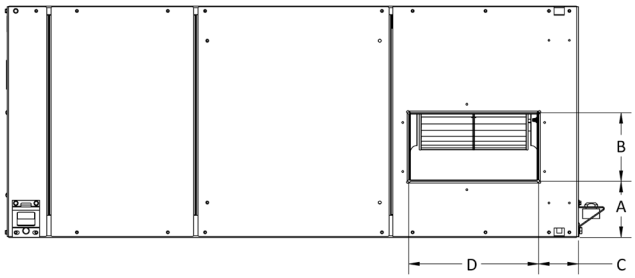
Table 375: Filter Rack, Return Duct Collar Dimensions[1]

Unit	Unit Size	A[2]	B[2]	C	D		E	F	G	H	J[2]	K[2]	L[2]	M[2]
					2-inch	4-inch								
WSCH, WSDH	007, 009, 012	16.2	8.5	0.9	2.2	4.2	1.7	1.5	17.8	10.0	1.0	0.8	0.8	0.8
	015, 019	22.2	14.0	0.9	2.2	4.2	1.7	1.5	23.8	15.6	1.0	0.8	0.8	0.8
	024, 030	21.7	14.5	0.9	2.2	4.2	1.7	1.5	23.4	15.9	1.0	0.8	0.8	0.8
	036, 042	27.2	16.0	0.9	2.2	4.2	1.7	1.5	28.9	17.6	1.0	0.8	0.8	0.8
	048, 060	31.4	18.0	0.9	2.2	4.2	1.7	1.5	33.2	19.6	1.0	0.8	0.8	0.8
	070	44.2	18.0	0.9	2.2	4.2	2.0	1.5	44.9	19.6	1.0	0.8	0.8	0.8
WSMH, WSNH	007, 009, 012	22.2	8.5	0.8	2.2	4.2	1.7	1.5	23.8	10.0	1.0	0.8	0.8	0.8
	015, 019	21.7	14.5	0.8	2.2	4.2	2.0	1.5	23.4	15.9	1.0	0.8	0.8	0.8
	024, 030	27.2	16.0	0.8	2.2	4.2	1.7	1.5	28.9	17.6	1.0	0.8	0.8	0.8
	036, 042	31.4	16.0	0.8	2.2	4.2	1.7	1.5	33.1	17.6	1.0	0.8	0.8	0.8
	048, 060	43.2	18.0	0.8	2.2	4.2	2.0	1.5	44.9	19.6	1.0	0.8	0.8	0.8
WSSH, WSTH	007, 009, 012	22.0	14.0	0.8	2.2	4.2	1.7	1.5	24.0	15.6	1.0	0.8	0.8	0.8
	015, 019	27.1	16.0	0.8	2.2	4.2	1.7	1.5	29.0	17.6	1.0	0.8	0.8	0.8
	024, 030	31.4	16.0	0.8	2.2	4.2	1.7	1.5	33.1	17.6	1.0	0.8	0.8	0.8
	036, 042	43.2	18.0	0.8	2.2	4.2	1.7	1.5	44.9	19.6	1.0	0.8	0.8	0.8
	048, 060, 070	47.2	18.0	0.8	2.2	4.2	2.0	1.5	48.9	19.6	1.0	0.8	0.8	0.8

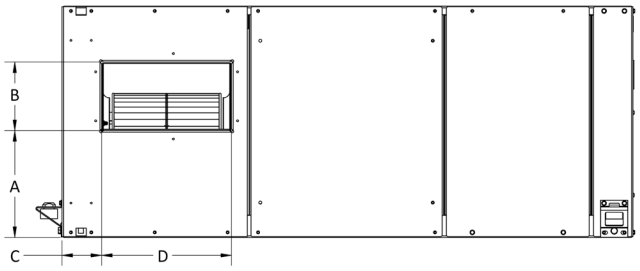
NOTE 1: Dimensions are approximate and dependent on degree of bend.

NOTE 2: Filter rack flange dimensions are to the outside edge of the flange when bent out to 90 degrees at perforations.

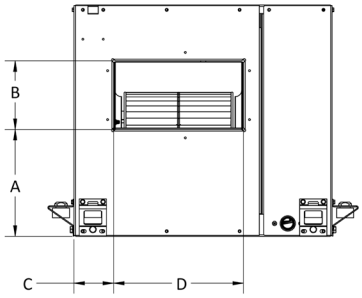
Discharge Air Duct Collar Connections



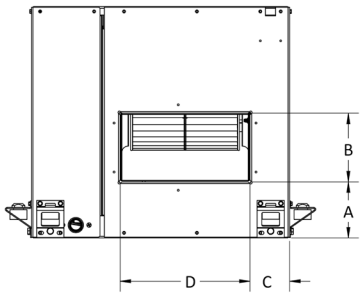
LH Straight Discharge



RH Straight Discharge



LH End Discharge



RH End Discharge

Table 376: Discharge Duct Collar Letter Dimensions

Unit	Unit Size	End Discharge						Straight Discharge					
		A		B	C	D		A		B	C	D	
		LH	RH			LH	RH	LH	RH			LH	RH
WSCH, WSDH	007, 009, 012	1.5	5.5	5.0	3.0	9.5	9.25	5.5	1.5	5.0	3.0	9.25	9.5
	015, 019	1.0	5.5	10.5	3.0	9.5	9.25	5.5	1.0	10.5	3.0	9.25	9.5
	024, 030	1.0	6.0	10.5	3.5	9.5	9.25	6.0	1.0	10.5	3.5	9.25	9.5
	036	1.5	7.5	10.5	4.5	9.5	9.25	7.5	1.5	10.5	4.5	9.25	9.5
	042	1.0	6.5	11.5	4.0	10.5	10.5	6.5	1.0	11.5	3.75	10.5	10.5
	048, 060	3.0	6.5	11.5	5.0	10.5	10.25	6.5	3.0	11.5	5.25	10.25	10.5
	070	2.5	5.0	13.5	4.5	13.0	13.0	5.0	2.5	13.5	4.5	13.0	13.0
WSMH, WSNH	007, 009, 012	5.5	1.5	5.0	3.0	9.5	9.25	1.5	5.5	5.0	3.0	9.25	9.5
	015, 019	1.0	6.0	10.5	3.5	9.5	9.25	6.0	1.0	10.5	3.5	9.25	9.5
	024, 030	1.0	8.0	10.5	5.0	9.5	9.25	8.0	1.0	10.5	5.0	9.25	9.5
	036	1.0	6.0	10.5	6.0	9.5	9.25	6.0	1.0	10.5	5.75	9.25	9.5
	042	1.0	6.5	11.5	5.5	10.5	10.5	6.5	1.0	11.5	5.25	10.5	10.5
	048	3.0	6.5	11.5	5.5	10.5	10.5	6.5	3.0	11.5	5.25	10.5	10.5
	060	3.0	5.0	11.5	4.5	13.0	13.0	5.0	3.0	11.5	4.5	13.0	13.0
WSSH, WSTH	007, 009, 012	8.0	4.0	5.0	3.0	9.5	9.25	4.0	8.0	5.0	3.0	9.25	9.5
	015, 019	1.5	7.5	10.5	4.5	9.5	9.25	7.5	1.5	10.5	4.5	9.25	9.5
	024, 030	2.5	6.0	10.5	6.0	9.5	9.25	6.0	2.5	10.5	5.75	9.25	9.5
	036	3.5	7.5	10.5	6.0	9.5	9.25	7.5	3.5	10.5	5.75	9.25	9.5
	042, 048	3.0	6.5	11.5	5.5	10.5	10.5	6.5	3.0	11.5	5.25	10.5	10.5
	060, 070	2.5	5.0	13.5	4.5	13.0	13.0	5.0	2.5	13.5	4.5	13.0	13.0

NOTE 1: Dimensions are approximate and dependent on degree of bend.

Hanger Bracket Location Dimensions

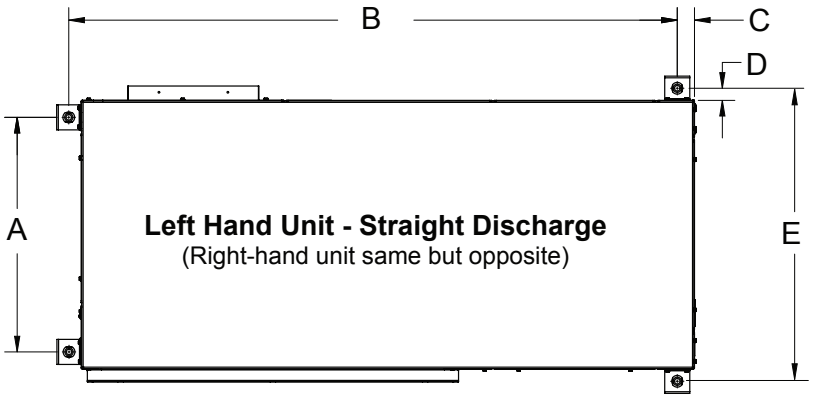


Table 377: Hanger Bracket Location Dimensions

Unit	Unit Size	Dimensions - inches				
		A	B	C	D	E
WSCH, WSDH	007, 009, 012	16.7	33.6	1.4	1.0	20.9
	015, 019	16.2	41.6			20.9
	024, 030	17.2	42.5			21.9
	036	18.7	48.5			23.4
	042	18.7	48.5			23.4
	048	21.2	53.6			25.9
	060	21.2	53.6			25.9
	070	21.2	64.5			25.9
WSMH, WSNH	007, 009, 012	16.7	39.6	1.4	1.0	20.9
	015, 019	17.2	42.5			21.9
	024, 030	18.7	48.5			23.4
	036	18.7	53.6			25.9
	042	21.2	53.6			25.9
	048	21.2	64.5			25.9
	060	21.2	64.5			25.9
WSSH, WSTH	007, 009, 012	16.2	41.6	1.4	1.0	20.9
	015, 019	18.7	48.6			20.9
	024, 030	21.2	53.6			21.9
	036	21.2	64.6			23.4
	042	21.2	64.6			23.4
	048	21.2	78.5			25.9
	060	21.2	78.5			25.9
	070	21.2	78.5			25.9

Optional Non-Fused Disconnect Switch Location Dimensions

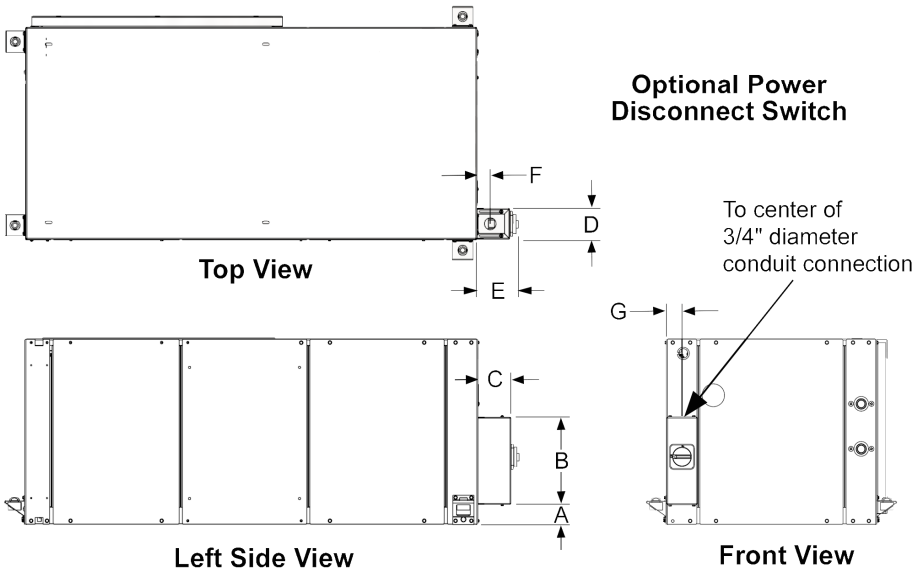


Table 378: Optional Non-Fused Disconnect Switch Location and Dimensions (in)

Unit	A	B	C	D	E	F	G
WSCH, WSDH	2	8	3	3	4	1	2
WSMH, WSNH	2	8	3	3	4	1	2
WSSH, WSTH	2	8	3	3	4	1	2

NOTE: Dimensions are approximate.

Horizontal Unit Electrical Locations

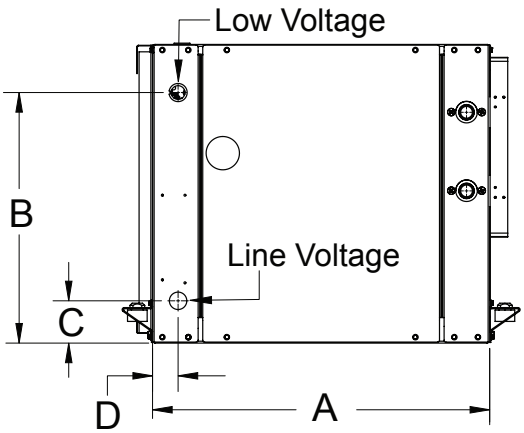


Table 379: Horizontal Unit Electrical Connections Locations

Unit	Unit Size	A Unit Width	B	C	D
WSCH, WSDH	007, 009, 012	19.0	10.4	2.6	1.6
	015, 019	19.0	15.7	2.7	1.6
	024, 030	20.0	15.9	2.7	1.6
	036, 042	21.5	15.9	2.7	1.6
	048, 060, 070	24.0	17.7	2.7	1.6
WSMH, WSNH	007, 009, 012	19.0	10.4	2.6	1.6
	015, 019	20.0	15.9	2.7	1.6
	024, 030	21.5	15.9	2.7	1.6
	036	23.9	15.9	2.7	1.6
	042	23.9	15.9	2.7	1.6
	048	23.9	17.7	2.7	1.6
	060	23.9	17.7	2.7	1.6
WSSH, WSTH	007, 009, 012	18.9	10.4	2.7	1.6
	015, 019	21.5	15.9	2.7	1.6
	024, 030, 036, 042, 048, 060, 070	24.0	17.7	2.7	1.6

Waterside Economizer Piping Locations and Dimensions

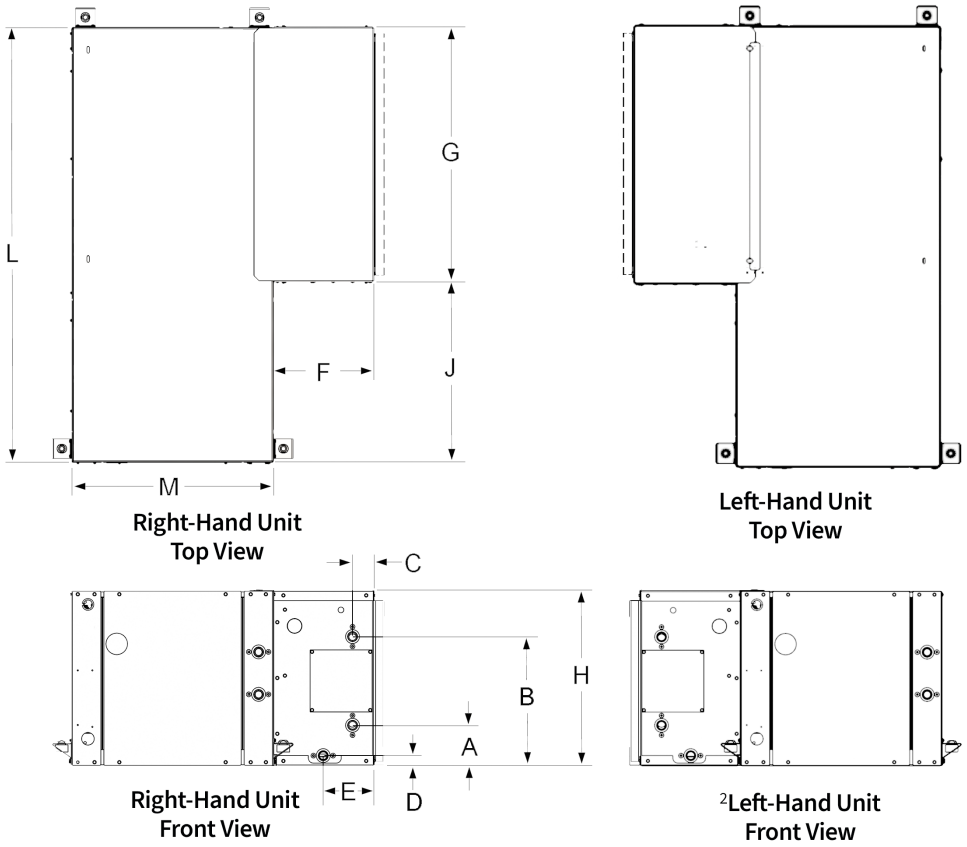


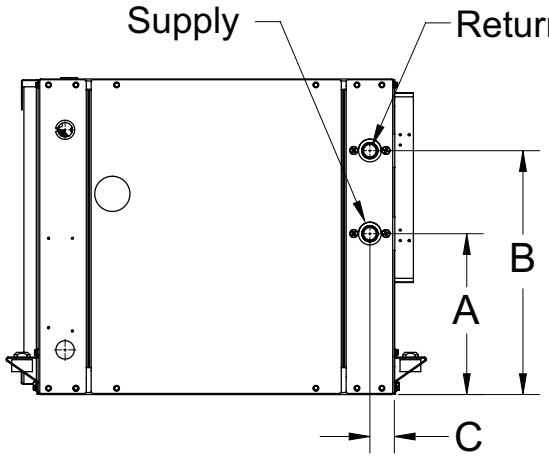
Table 380: Waterside Economizer Piping Locations and Dimensions

	Unit Size	WSE Supply & Return Connections				WSE 3/4" FPT Condensate Drain		Waterside Economizer Overall Cabinet Section			L	M
		Connection Size (FPT)	A (Supply)	B (Return)	C	D	E	F	G	H		
WSCH, WSDH	007, 009, 012	1/2"	2.8	9.7	2.5	1.0	5.0	10.0	19.5	11.6	34.0	19.0
	015, 019	1/2"	4.0	12.5	2.0	1.0	5.0	10.0	25.5	17.1	42.0	19.0
	024, 030	3/4"	4.0	12.5	2.0	1.0	5.0	10.0	25.5	17.4	43.0	20.0
	036, 042	3/4"	3.5	13.5	2.0	1.0	5.0	10.0	31.0	19.1	49.0	21.5
	048, 060	1"	3.5	15.5	1.5	1.0	5.0	10.0	35.0	21.1	54.0	24.0
	070	1"	3.5	15.5	2.5	1.0	5.0	10.0	46.5	21.1	65.0	24.0
WSMH, WSNH	007, 009, 012	3/4"	2.4	9.3	2.5	1.0	5.0	10.0	25.5	11.6	40.0	19.0
	015, 019	3/4"	4.0	12.8	2.0	1.0	5.0	10.0	25.0	17.4	43.0	20.0
	024, 030	3/4"	3.5	13.5	2.0	1.0	5.0	10.0	31.0	19.1	49.0	21.5
	036, 042	1"	3.5	15.5	2.5	1.0	5.0	10.0	46.5	21.1	65.0	24.0
	048, 060	1"	3.5	15.5	2.5	1.0	5.0	10.0	46.5	21.1	65.0	24.0
WSSH, WSTH	007, 009, 012	1/2"	4.0	12.5	2.0	1.0	5.0	10.0	25.5	17.1	43.0	19.0
	015, 019	3/4"	3.5	13.5	2.0	1.0	5.0	10.0	30.5	19.1	49.0	21.5
	024, 030	1"	3.5	13.5	2.0	1.0	5.0	10.0	35.0	19.1	54.0	24.0
	036, 042	1"	3.5	15.5	2.5	1.0	5.0	10.0	46.0	21.1	65.0	24.0
	048, 060	1"	3.5	15.5	2.5	1.0	5.0	10.0	50.5	21.1	79.0	24.0
	070	1"	3.5	15.5	2.5	1.0	5.0	10.0	50.5	21.1	79.0	24.0

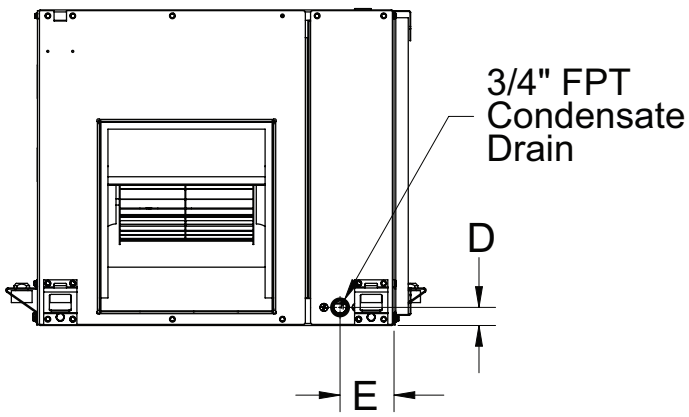
NOTE 1: All dimensions within ± 0.10 inches (2.5 mm).

NOTE 2: Left-hand waterside economizer connections same as right-hand but opposite.

Unit Supply and Return Connection Sizes



Front View - Water Connections



End View - Condensate Connection

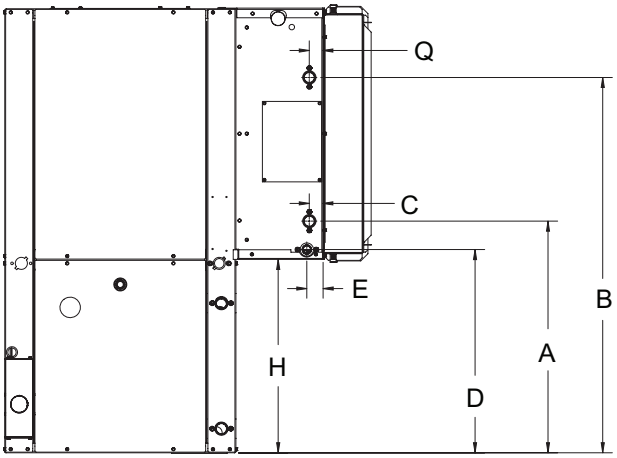
Table 381: Unit Supply and Return Connection Dimensions

	Unit Size	Connection Size (FPT)	A	B	C		D	E
					Supply	Return		
WSCH, WSDH	007, 009, 012	1/2″	1.5	10.5	2.5	1.5	1.0	3.3
	015, 019	1/2″	8.0	11.5	1.5	1.5	1.0	3.3
	024, 030	3/4″	7.0	11.5	1.5	1.5	1.0	3.3
	036, 042	3/4″	9.7	14.5	1.5	1.5	1.0	3.3
	048, 060, 070	1″	10.8	14.5	1.5	1.5	1.4	3.3
WSMH, WSNH	007, 009, 012	1/2″	1.5	10.5	2.5	1.5	1.0	3.3
	015, 019	3/4″	7.0	11.5	1.5	1.5	1.0	3.3
	024, 030	3/4″	9.7	13.0	1.5	1.5	1.0	3.3
	036, 042	1″	10.8	14.5	1.5	1.5	1.0	3.3
	048, 060	1″	10.8	16.0	1.5	1.5	1.4	3.3
WSSH, WSTH	007, 009, 012	1/2″	3.0	9.0	1.5	1.5	1.0	3.3
	015, 019	1″	2.5	15.5	1.5	1.5	1.0	3.3
	024, 030	1″	2.5	15.5	1.5	1.5	1.4	3.3
	036, 042	1″	2.5	15.5	1.5	1.5	1.4	3.3
	048, 060, 070	1″	2.5	15.5	1.5	1.5	1.4	3.3

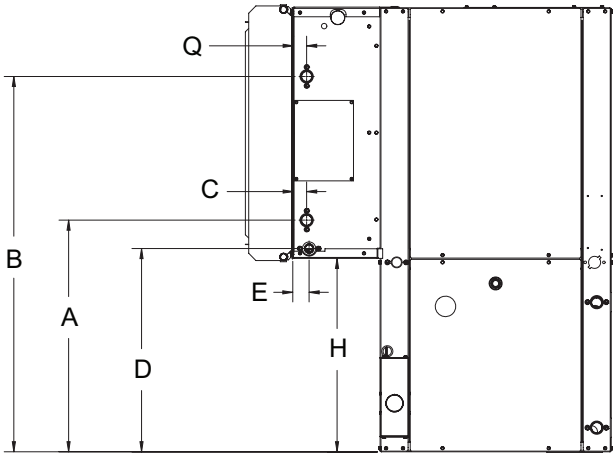
Vertical Unit

Piping Considerations for Units With Waterside Economizer / Hydronic Heating

Figure 27: Waterside Economizer / Hydronic Heating Unit Descriptions



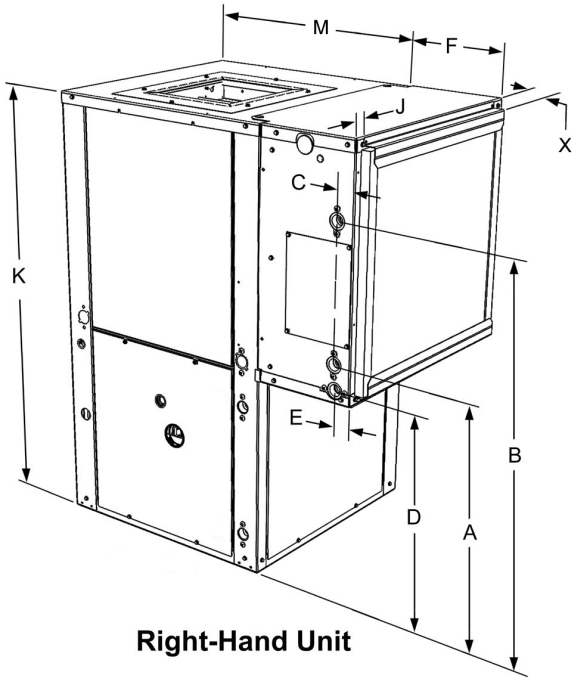
Right Hand Unit



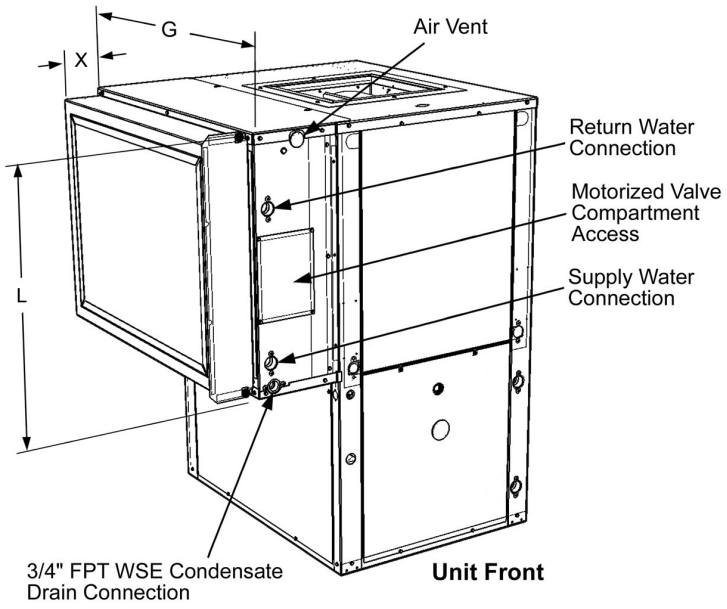
Left Hand Unit

NOTE: The economizer package incorporates its own drain pan to collect condensate from the coil when utilized for economizer cooling operation. This pan MUST be independently trapped and can be piped into the drain line for the heat pump.

Figure 28: Waterside Economizer / Hydronic Heating Piping Locations and Dimensions



Right-Hand Unit



Left-Hand Unit

Figure 29: Waterside Economizer/Hydronic Heating Overall Cabinet Section

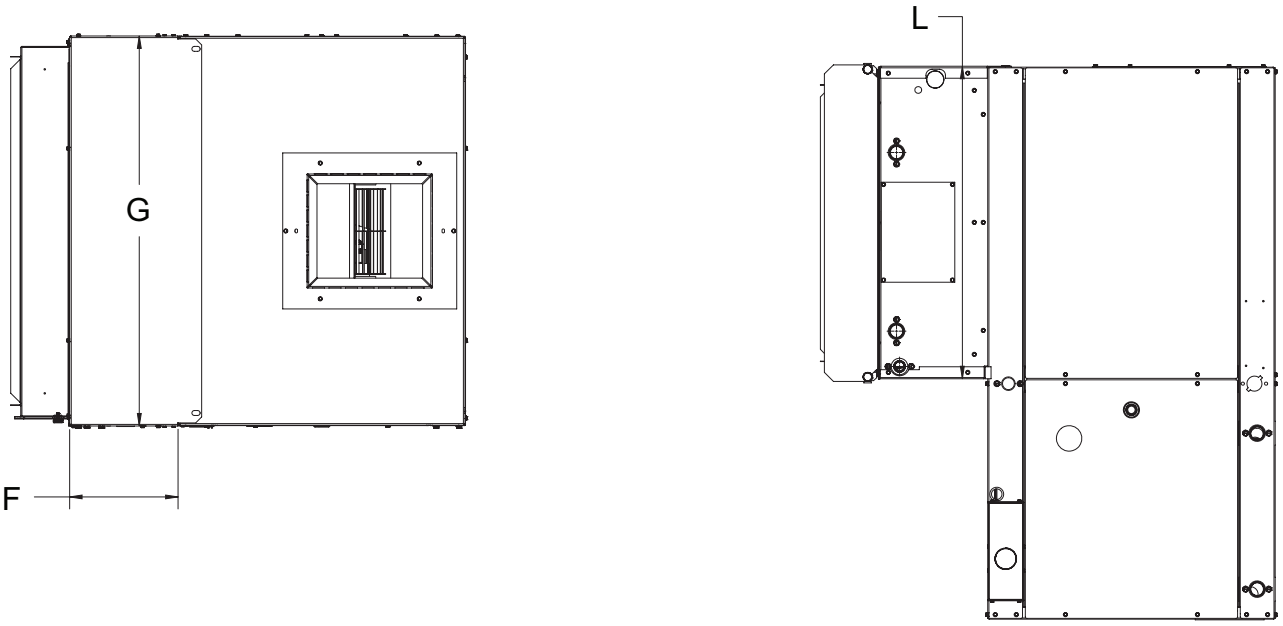


Table 382: Unit Waterside Economizer/Hydronic Heating Connection Dimensions for Figure 27 and Figure 28

Unit Model	Unit Size	Waterside Economizer / Hydronic Heating Connections					3/4" FPT Condensate Drain	
		Connection Size (FPT)	Supply		Return			
			A	C	B	Q	D	E
WSCV, WSDV	007, 009, 012	1/2"	16.23	1.69	24.44	1.69	13.93	1.69
	015, 019	1/2"	21.54	1.69	31.19	1.69	19.55	1.69
	024, 030	3/4"	23.42	1.81	34.85	1.81	20.05	1.69
	036, 042	3/4"	27.3	1.8	38.7	1.81	21.05	1.69
	048, 060, 070	1"	24.0	1.43	38.88	1.43	21.05	1.69
WSMV, WSNV	007, 009, 012	1/2"	15.62	1.69	27.57	1.69	13.93	1.69
	015, 019	3/4"	23.42	1.81	34.85	1.81	20.05	1.69
	024, 030	3/4"	27.3	1.8	38.7	1.81	21.05	1.69
	036,042	1"	24.0	1.43	38.88	1.43	21.05	1.69
	048, 060	1"	33.81	1.66	45.24	1.66	22.05	1.69
WSSV, WSTV	007, 009, 012	1/2"	21.54	1.69	31.19	1.69	19.55	1.69
	015, 019	1"	27.3	1.8	38.7	1.81	21.05	1.69
	024, 030	1"	24.0	1.43	38.88	1.43	21.05	1.69
	036, 042	1"	33.81	1.66	45.24	1.66	22.05	1.69
	048, 060, 070	1"	36.81	1.66	48.24	1.66	22.05	1.69

NOTE: All dimensions within ± 0.10 inches (2.5 mm).

Table 383: Unit Cabinet With Waterside Economizer / Hydronic Heating Dimensions for Figure 27, Figure 28, and Figure 29

Unit Model	Unit Size	Waterside Economizer/Hydronic Heating Overall Cabinet Section			Floor to WSE	Unit Height	Unit Width
		Width	Depth	Height			
		F	G	L	H	K	M
WSCV, WSDV	007, 009, 012	9.0	19.0	12.16	13.5	24.0	19.0
	015, 019	9.0	21.5	15.54	18.5	34.0	21.5
	024, 030	9.0	21.5	21.04	19.0	38.0	21.5
	036, 042	9.0	26.0	24.04	20.0	44.0	26.0
	048, 060, 070	9.0	32.5	26.04	20.0	46.0	32.5
WSMV, WSNV	007, 009, 012	9.0	19.0	17.42	12.9	30.25	19.0
	015, 019	9.0	21.5	21.04	19.0	38.0	21.5
	024, 030	9.0	26.0	24.04	20.0	44.0	26.0
	036,042	9.0	32.5	26.04	20.0	46.0	32.5
	048, 060	9.0	32.5	29.54	21.0	50.5	32.5
WSSV, WSTV	007, 009, 012	9.0	21.5	15.54	18.5	34.0	21.5
	015, 019	9.0	26.0	24.04	20.0	44.0	26.0
	024, 030	9.0	32.5	26.04	20.0	46.0	32.5
	036, 042	9.0	32.5	29.54	21.0	50.5	32.5
	048, 060, 070	9.0	32.5	33.04	21.0	54.0	32.5

NOTE: All dimensions within ± 0.10 inches (2.5 mm).

Table 384: Filter Rack Dimensions for Figure 28 and Figure 30

Unit Model	Unit Size	Filter Rack Dimensions							
		Front Offset	Frame Width	Frame Height	Depth			Duct Flange Width	Duct Flange Height
					1″	2″	4″		
		J	V	W	X			Y	Z
WSCV, WSDV	007, 009, 012	0.56	17.54	10.88	1.00	2.125	4.125	15.57	9.2
	015, 019		20.04	14.24				18.07	12.57
	024, 030		20.04	19.75				18.07	18.07
	036, 042		24.54	22.75				22.57	21.07
	048, 060, 070		31.04	24.75				29.07	23.07
WSMV, WSNV	007, 009, 012	0.56	17.54	16.13	1.00	2.125	4.125	15.57	14.45
	015, 019		20.04	19.75				18.07	18.07
	024, 030		24.54	22.75				22.57	21.07
	036,042		31.04	24.75				29.07	23.07
	048, 060		31.04	28.25				29.07	26.57
WSSV, WSTV	007, 009, 012	0.56	20.04	14.25	1.00	2.125	4.125	18.07	12.57
	015, 019		24.54	22.75				22.57	21.07
	024, 030		31.04	24.75				29.07	23.07
	036, 042		31.04	28.25				29.07	26.57
	048, 060, 070		31.04	31.75				29.07	30.07

NOTE: All dimensions within ± 0.10 inches (2.5 mm).

Figure 30: Filter Rack Dimensions

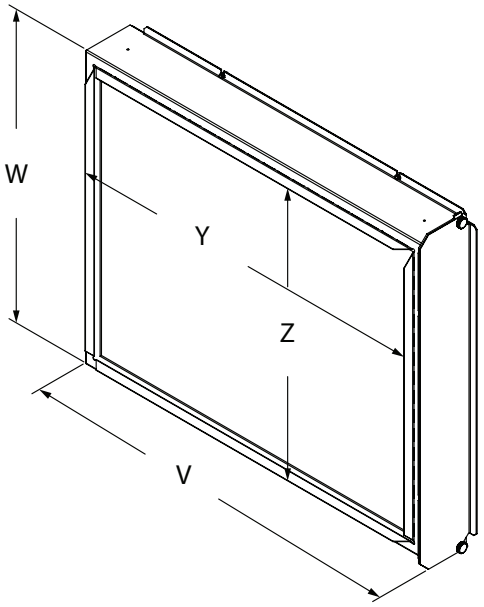
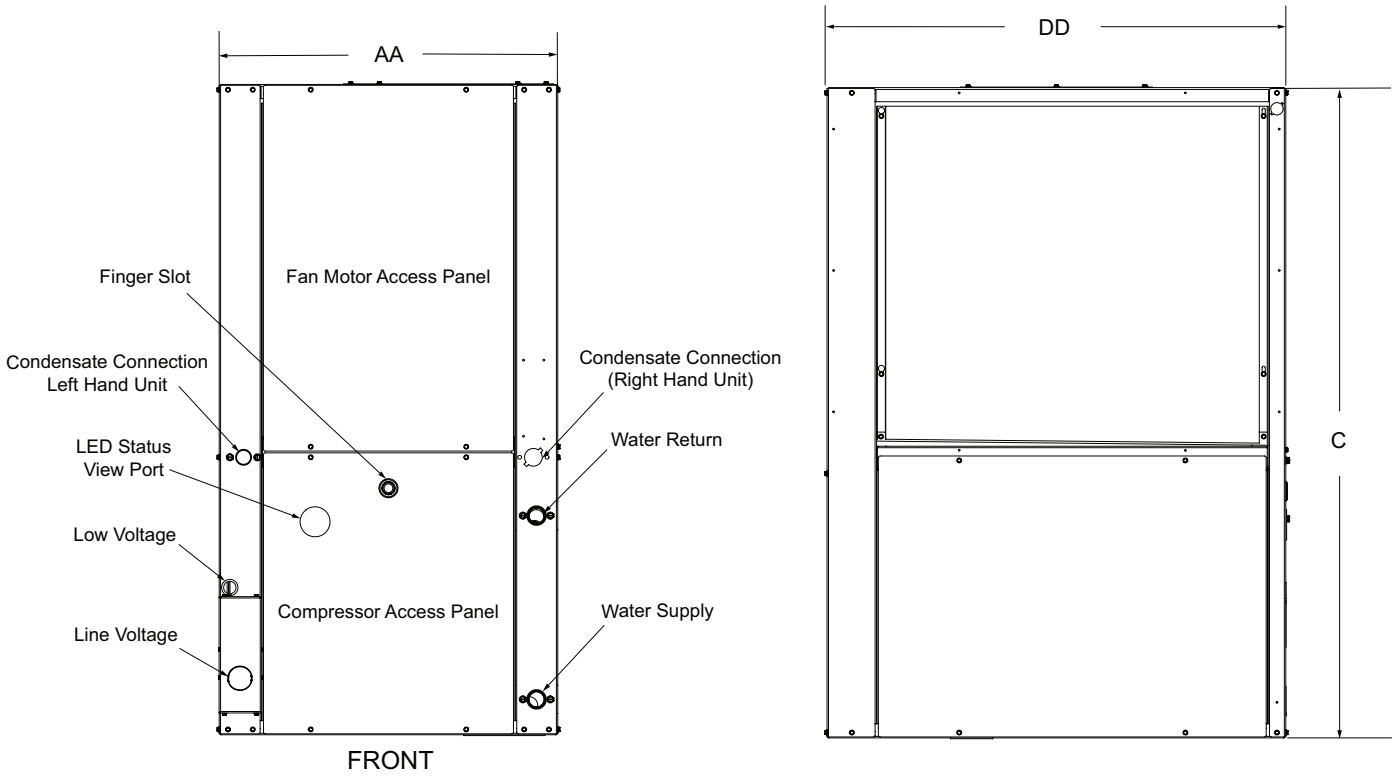
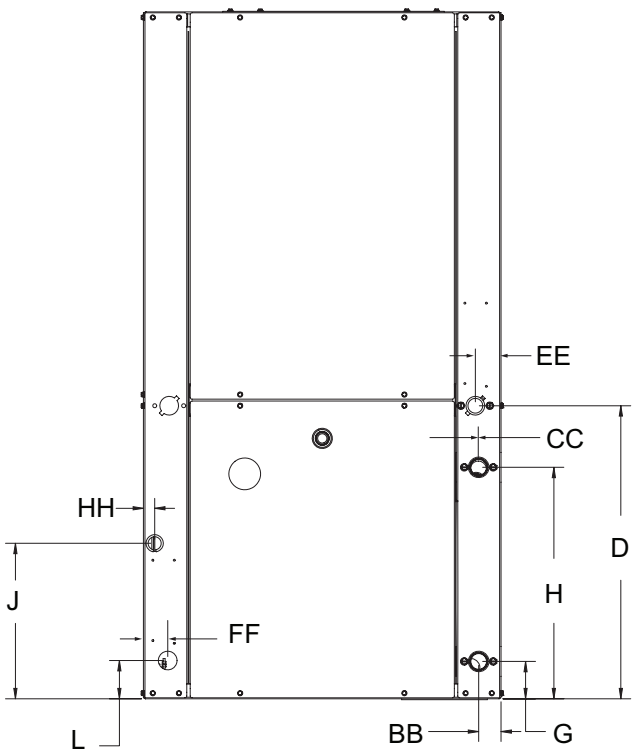
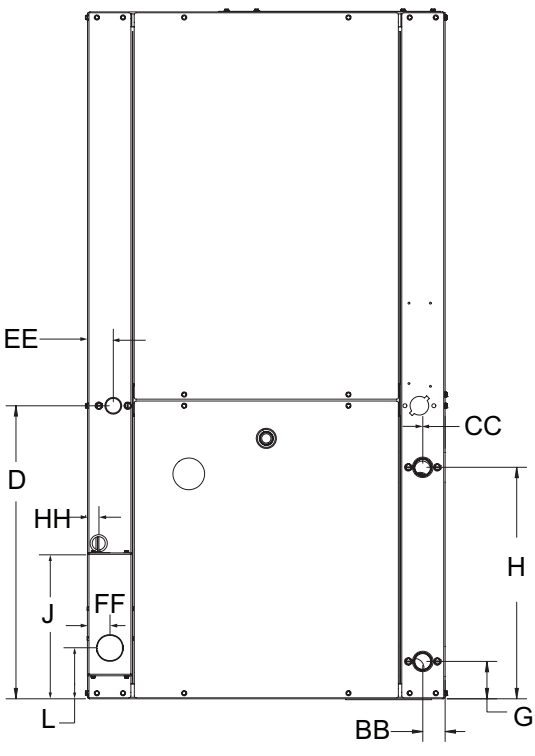


Figure 31: Piping & Electrical Connections Locations





Front View
Right Hand



Front View
Left Hand

Table 385: Unit Supply, Return, and Condensate Dimensions for Figure 31

Unit Model	Unit Size	Condenser Water Piping Dimensions					Condensate Drain 3/4" FPT	
		Connection Size (FPT)	Water Supply		Water Return		D	EE
			G	BB	H	CC		
WSCV, WSDV	007, 009, 012	1/2"	1.63	2.5	10.25	1.38	12.5	1.72
	015, 019	1/2"	3.13	1.5	9.18	1.5	18.13	1.72
	024, 030	3/4"	2.5	1.5	11.25	1.5	18.63	1.72
	036, 042	3/4"	2.5	1.5	15.5	1.5	19.63	1.72
	048, 060, 070	1"	2.5	1.5	15.5	1.5	19.63	1.72
WSMV, WSNV	007, 009, 012	1/2"	1.63	2.5	10.25	1.38	12.5	1.72
	015, 019	3/4"	2.5	1.5	11.25	1.5	18.63	1.72
	024, 030	3/4"	2.5	1.5	15.5	1.5	19.63	1.72
	036, 042	1"	2.5	1.5	15.5	1.5	19.63	1.72
	048, 060	1"	2.5	1.5	15.5	1.5	20.63	1.72
WSSV, WSTV	007, 009, 012	1/2"	3.13	1.5	9.18	1.5	18.13	1.72
	015, 019	1"	2.5	1.5	15.5	1.5	19.63	1.72
	024, 030	1"	2.5	1.5	15.5	1.5	19.63	1.72
	036, 042	1"	2.5	1.5	15.5	1.5	20.63	1.72
	048, 060, 070	1"	2.5	1.5	15.5	1.5	20.63	1.72

NOTE: All dimensions within ± 0.10 inches.

Table 386: Unit Cabinet Dimensions and Electrical Connections for Figure 31

Unit Model	Unit Size	Overall Cabinet Dimensions			Electrical Connections					
		Width	Depth	Height	Line Voltage		Low Voltage		Conduit Connection Size	
		AA	DD	C	L	FF	J	HH	Line Voltage	Low Voltage
WSCV, WSDV	007, 009, 012	19.0	19.0	24.0	2.56	1.63	10.41	0.75	1-1/4"	1-3/32"
	015, 019	21.5	21.5	34.0						
	024, 030	21.5	21.5	38.0						
	036, 042	21.5	26.0	44.0						
	048, 060, 070	24.0	32.5	46.0						
WSMV, WSNV	007, 009, 012	19.0	19.0	30.25	2.56	1.63	10.41	0.75	1-1/4"	1-3/32"
	015, 019	21.5	21.5	38.0						
	024, 030	21.5	26.0	44.0						
	036, 042	24.0	32.5	46.0						
	048, 060	26.0	32.5	50.5						
WSSV, WSTV	007, 009, 012	21.5	21.5	34.0	2.56	1.63	10.41	0.75	1-1/4"	1-3/32"
	015, 019	21.5	26.0	44.0						
	024, 030	24.0	32.5	46.0						
	036, 042	26.0	32.5	50.5						
	048, 060, 070	26.0	32.5	54.0						

NOTE: All dimensions within ± 0.10 inches.

Figure 32: Discharge Duct Collar Locations

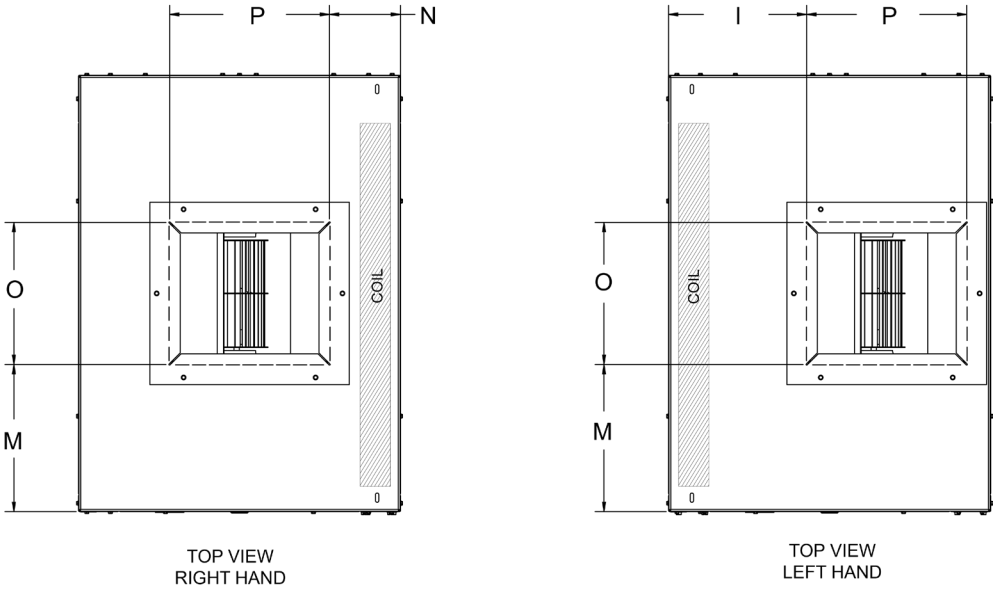


Table 387: Discharge Duct Collar Dimensions in Figure 32

Unit Model	Unit Size	Discharge Opening* - in inches				
		M	O	P	N	I
					Right-Hand	Left-Hand
WSCV, WSDV	007, 009, 012	4.58	9.78	5.22	8.9	4.84
	015, 019, 024, 030	3.75	10.38	9.43	7.72	7.72
	036	6.0	10.38	9.43	5.97	5.97
	042	3.24	11.89	10.56	4.66	6.16
	048	10.91	10.56	11.89	5.24	10.24
	060, 070	9.53	13.32	13.89	4.99	7.99
WSMV, WSNV	007, 009, 012	4.58	9.78	5.22	8.9	4.84
	015, 019	3.75	10.38	9.43	7.72	7.72
	024, 030	6.0	10.38	9.43	5.97	5.97
	036	11.47	9.43	10.38	6.75	10.75
	042	10.91	10.56	11.89	5.24	10.24
	048	10.91	10.56	11.89	6.99	11.49
	060	9.53	13.32	13.89	6.99	9.49
WSSV, WSTV	007, 009, 012	5.79	9.78	5.22	9.58	6.58
	015, 019	6.0	10.38	9.43	5.97	5.97
	024, 030	11.47	9.43	10.38	6.75	10.75
	036	11.47	9.43	10.38	5.75	9.75
	042	10.91	10.56	11.89	6.99	11.49
	048	10.91	10.56	11.89	6.99	11.89
	060, 070	9.53	13.32	13.89	6.99	9.49

NOTE 1: *Discharge opening dimensions are with the flanges bent up along the perforations at 90 degrees.

NOTE 2: Dimensions within ± 0.10 inches (2.5 mm).

Figure 33: No Filter Rack & Duct Collar Connections

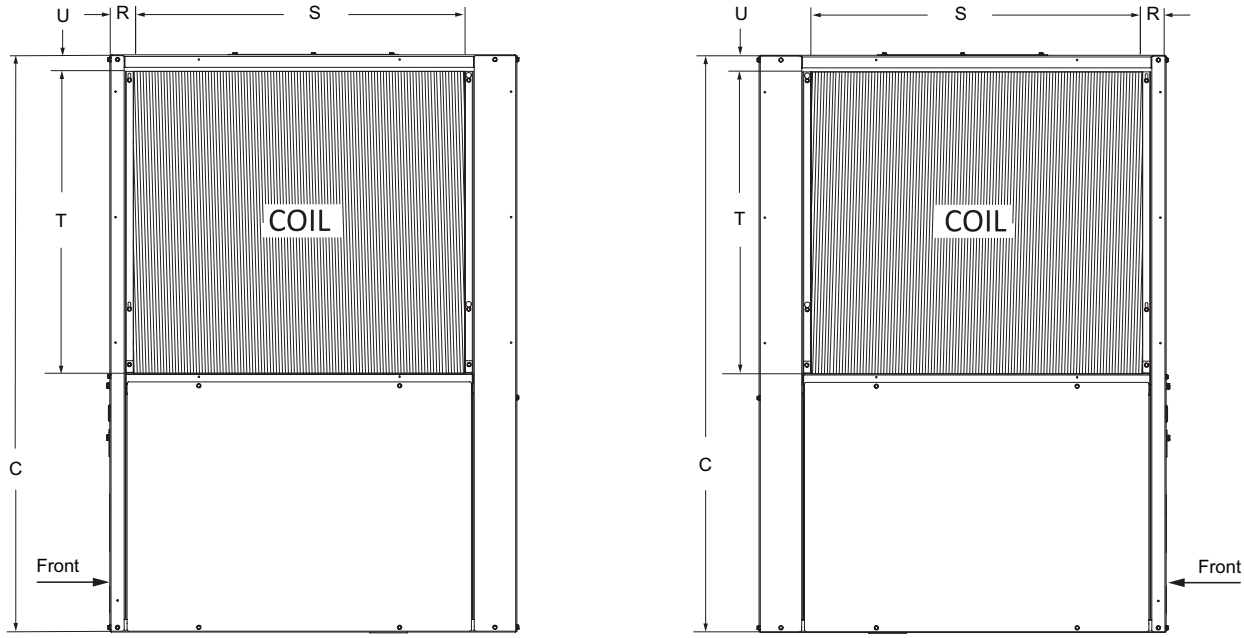


Figure 34: 1" Filter Rack & Duct Collar Connections

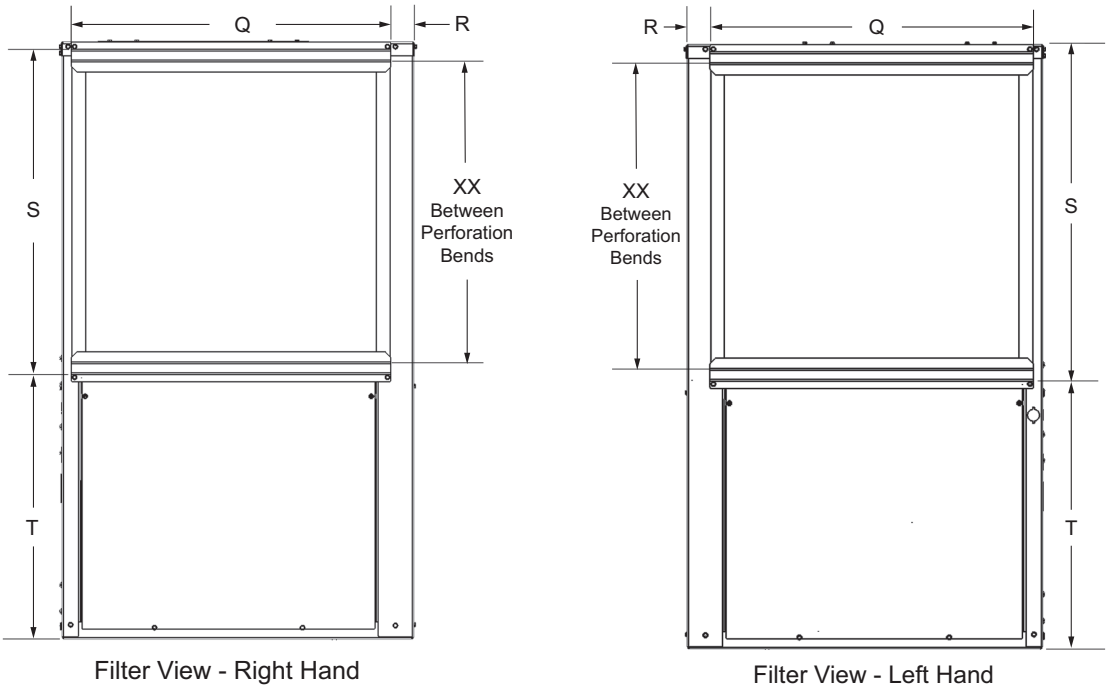


Table 388: Unit with No Filter Rack Dimensions in Figure 33

Unit Model	Unit Size	Unit Height	Air Coil Return Air Opening			
		C	Offset Side	Coil Width	Coil Height	Offset Top
			R	S	T	U
WSCV, WSDV	007, 009, 012	24.0	3.63	14.0	12.13	1.0
	015, 019	34.0	3.63	16.5	15.59	1.0
	024, 030	38.0	3.63	16.5	20.79	1.0
	036, 042	44.0	3.63	21.0	24.25	1.0
	048, 060, 070	46.0	4.15	27.0	25.98	1.0
WSMV, WSNV	007, 009, 012	30.3	3.63	14.0	17.32	1.0
	015, 019	38.0	3.63	16.5	19.06	2.4
	024, 030	44.0	3.63	21.0	24.25	1.0
	036, 042	46.0	4.15	27.0	25.98	1.0
	048, 060	50.5	4.13	27.0	29.45	1.0
WSSV, WSTV	007, 009, 012	34.0	3.63	16.5	15.59	1.0
	015, 019	44.0	3.63	21.0	19.06	5.4
	024, 030	46.0	4.15	27.0	25.98	1.0
	036, 042	50.5	4.13	27.0	29.45	1.0
	048, 060, 070	54.0	4.13	27.0	32.91	1.0

Table 389: 1" Filter Rack Dimensions in Figure 34

Unit Model	Unit Size	Filter Rails Location				Dimensions Between 90-Degree Perforation Bends
		Q	R	S	T	XX
WSCV, WSDV	007, 009, 012	17.53	0.71	11.92	13.01	9.78
	015, 019	20.03	0.71	15.29	18.63	13.16
	024, 030	20.03	0.71	20.76	19.16	18.63
	036, 042	24.53	0.71	23.76	20.16	21.63
	048, 060, 070	31.0	0.85	25.82	20.1	23.69
WSMV, WSNV	007, 009, 012	17.53	0.71	17.17	13.01	15.03
	015, 019	20.03	0.71	20.76	19.16	18.63
	024, 030	24.53	0.71	23.76	20.16	21.63
	036, 042	31.0	0.85	25.82	20.1	23.69
	048, 060	31.0	0.85	29.26	21.16	27.13
WSSV, WSTV	007, 009, 012	20.03	0.71	15.29	18.63	13.16
	015, 019	24.53	0.71	23.76	20.16	21.63
	024, 030	31.0	0.85	25.82	20.1	23.69
	036, 042	31.0	0.85	29.26	21.16	27.13
	048, 060, 070	31.0	0.85	32.76	21.16	30.63

NOTE 1: Filter rack flange dimensions are to the outside edge of the flange. Dimensions are approximate as the return air duct flanges are bent out along the perforations by the installing contractor.

Figure 35: 2" and 4" Filter Rack Dimensions

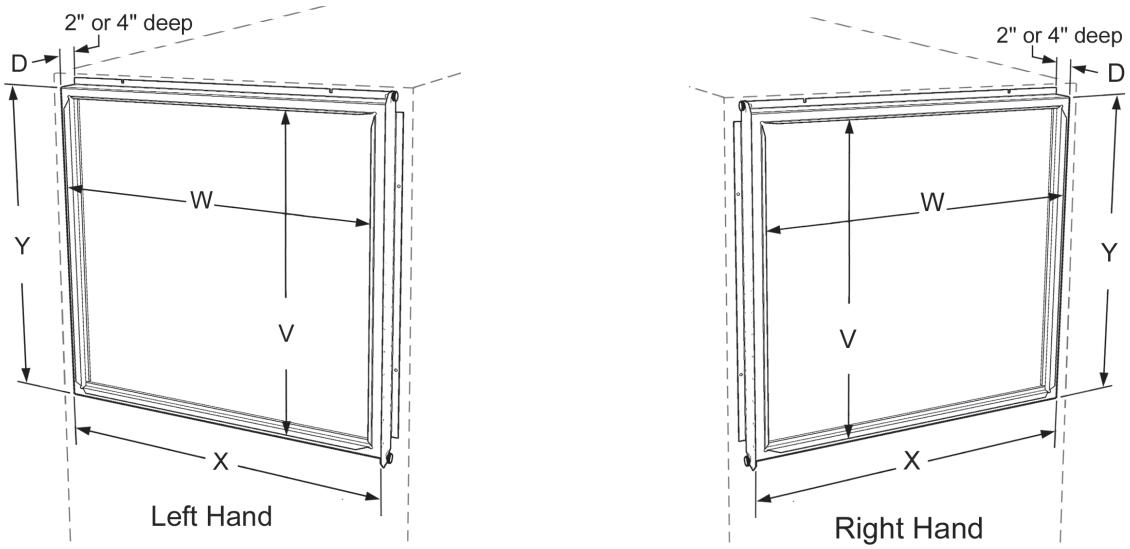


Table 390: 2" and 4" Filter Rack Dimensions in Figure 35

Unit Model	Unit Size	Air Coil Return Air Opening					
		Duct Flange Width	Duct Flange Height	2″	4″	Filter Rack Width	Filter Rack Height
		W	V	D		X	Y
WSCV, WSDV	007, 009, 012	15.57	9.2	2.125	4.125	17.54	10.88
	015, 019	18.07	12.57	2.125	4.125	20.04	14.24
	024, 030	18.07	18.07	2.125	4.125	20.04	19.75
	036, 042	22.6	21.07	2.125	4.125	24.5	22.8
	048, 060, 070	29.07	23.07	2.125	4.125	31.0	24.75
WSMV, WSNV	007, 009, 012	15.57	14.45	2.125	4.125	17.54	16.13
	015, 019	18.07	18.07	2.125	4.125	20.04	19.75
	024, 030	22.6	21.07	2.125	4.125	24.5	22.8
	036, 042	29.07	23.07	2.125	4.125	31.0	24.75
	048, 060	29.07	26.57	2.125	4.125	31.04	28.25
WSSV, WSTV	007, 009, 012	18.07	12.57	2.125	4.125	20.04	14.25
	015, 019	22.6	21.07	2.125	4.125	24.5	22.8
	024, 030	29.07	23.07	2.125	4.125	31.04	24.75
	036, 042	29.07	26.57	2.125	4.125	31.04	28.25
	048, 060, 070	29.07	30.07	2.125	4.125	31.04	31.75

NOTE 1: Filter rack flange dimensions are to the outside edge of the flange. Dimensions are approximate as the return air duct flanges are bent out along the perforations by the installing contractor.

Figure 36: Unit with Optional Non-Fused Disconnect Switch

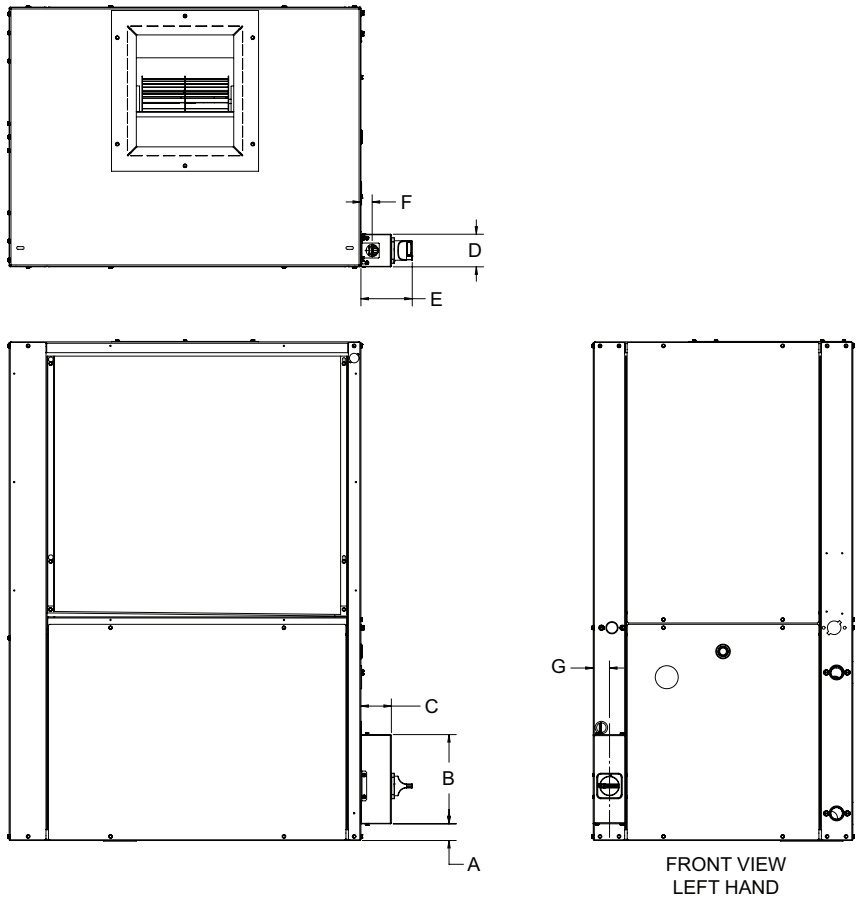


Table 391: Optional Non-Fused Disconnect Switch Dimensions for Figure 36

Unit Model	Unit Size	Optional Power Non-Fused Disconnect Switch						
		A	B	C	D	E	F	G
WSCV, WSDV	007, 009, 012	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	015, 019	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	024, 030	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	036, 042	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	048, 060, 070	1.54	8.23	2.81	3.01	4.73	1.04	1.5
WSMV, WSNV	007, 009, 012	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	015, 019	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	024, 030	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	036, 042	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	048, 060	1.54	8.23	2.81	3.01	4.73	1.04	1.5
WSSV, WSTV	007, 009, 012	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	015, 019	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	024, 030	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	036, 042	1.54	8.23	2.81	3.01	4.73	1.04	1.5
	048, 060, 070	1.54	8.23	2.81	3.01	4.73	1.04	1.5

System Considerations

Operating Limits

This equipment is designed for indoor installation only. Sheltered locations such as attics, garages, etc., will not provide sufficient protection against extremes in temperature and/or humidity, and equipment performance, reliability, and service life may be adversely affected.

NOTICE

Altitude Limits: Maximum applied altitude not to exceed 3,000 meters/ 9,843 feet.

Initial Unit Start-Up Temperature Range

NOTICE

This is not for continuous operation. It is assumed that such a start-up is for the purpose of bringing the building space up to occupancy temperature.

Standard range units

Units are designed to start in an ambient of 50ºF (10ºC), with entering air at 50ºF (10ºC), with entering water at 70ºF (21ºC), with both air and water at the flow rates used in the ISO 13256-1 rating test, for initial start-up in winter.

Extended range units

Extended range heat pump conditioners are designed to start in an ambient of 40ºF (4ºC), with entering air at 40ºF (4ºC), with entering water at 40ºF (4ºC), with both air and water at the flow rates used in the ISO 13256-1 rating test, for initial start-up in winter.

Table 392: Air Limits in °F (°C)

Air Limits	Standard Range Units		Extended Range (Geothermal) Units	
	Cooling (DB/WB)	Heating	Cooling (DB/WB)	Heating
Minimum Ambient Air[1]	50°F (10°C)	50°F (10°C)	40°F (4°C)	40°F (4°C)
Maximum Ambient Air[2]	100°F/77°F (38°C/25°C)	85°F (29°C)	100°F/77°F (38°C/25°C)	85°F (29°C)
Minimum Entering Air[1]	65°F/55°F (18°C/13°C)	50°F (10°C)	65°F/55°F (18°C/13°C)	50°F (10°C)
Common Design Entering Air	75°F/63°F (24°C/17°C)	70°F (21°C)	75°F/63°F (24°C/17°C)	70°F (21°C)
Maximum Entering Air[2]	85°F/71°F (29°C/22°C)	80°F (27°C)	85°F/71°F (29°C/22°C)	80°F (27°C)

[1] Maximum and minimum values may not be combined. If one value is at maximum or minimum, the other conditions may not exceed the normal condition for standard units. Extended range units may combine any two maximum conditions, but not more than two, with all other conditions being normal conditions.

[2] This is not for continuous operation. It is assumed that such a start-up is for the purpose of bringing the building space up to occupancy temperature.

Table 393: Fluid Limits

Fluid Limits	Standard Range Units		Extended Range (Geothermal) Units	
	Cooling	Heating	Cooling	Heating
Minimum Entering Fluid	55°F (13°C)	55°F (13°C)	30°F (-1°C)	25°F (-4°C)
Common Design Entering Fluid	85-90°F (29-32°C)	70°F (21°C)	90°F (32°C)	35-60°F (1.5-16°C)
Maximum Entering Fluid	120°F (49°C)	90°F (32°C)	120°F (49°C)	90°F (32°C)
Minimum GPM/Ton	1.5			
Nominal GPM/Ton	3.0			
Maximum GPM/Ton	4.0			

Antifreeze

⚠ CAUTION

Do not use an automotive-grade antifreeze. Industrial grade glycols must be used. Automotive antifreeze contains inhibitors which will cause plating on the copper components used with the unit. The type and handling of glycol used must be consistent with local codes.

Glycols and other alcohols are commonly used as antifreeze; however higher percentage mixtures of alcohols such as ethanol and methanol are not recommended due to increased flammability. Your local sales office should be consulted to determine the antifreeze best suited to your area. The use of antifreeze may impact system performance depending on its concentration and should be considered during initial system design. When antifreeze is added to the water system for freeze protection, recognize that the refrigerant suction pressure will be lower, capacity will be less, and water side pressure drop will be higher. The reduction in performance depends upon the antifreeze concentration and temperature.

In areas where minimum entering loop temperatures drop below 50°F (10°C) or where piping will be routed through areas subject to freezing, antifreeze is required. If 3 GPM/ton is maintained, this limit can be lowered to 42°F (6°C). Care must be given to maintain proper water flow.

Freeze protection should be maintained to 15°F (9°C) below the lowest expected entering loop temperature. For example, if 30°F (-1°C) is the minimum expected entering loop temperature, the leaving loop temperature would be 22 to 25°F (-6 to -4°C) and freeze protection should be at 15°F (-10°C). Calculation is as follows: 30°F - 15°F = 15°F (-1°C - 9°C = -10°C).

All alcohols should be premixed and pumped from a reservoir outside of the building when possible or introduced under the water level to prevent fumes. Calculate the total volume of fluid in the piping system. Then use the percentage by volume shown in Table 394 for the amount of antifreeze needed. Antifreeze concentration should be checked from a well mixed sample using a hydrometer to measure specific gravity.

Table 394: Antifreeze Percentage by Volume

Type	Minimum Temperature for Low Temperature Protection			
	10°F (-12.2°C)	15°F (-9.4°C)	20°F (-6.7°C)	25°F (-3.9°C)
Propylene Glycol	38%	25%	22%	15%
Ethanol[1]	29%	25%	20%	14%
Methanol	25%	21%	16%	10%

[1] Must not be denatured with any petroleum product.

Table 395: Antifreeze Correction Factors

Ethylene Glycol					
	10%	20%	30%	40%	50%
Cooling Capacity	0.995	0.992	0.987	0.983	0.979
Heating Capacity	0.991	0.982	0.977	0.969	0.961
Pressure Drop	1.07	1.13	1.18	1.26	1.28
Propylene Glycol					
	10%	20%	30%	40%	50%
Cooling Capacity	0.99	0.98	0.97	0.96	0.95
Heating Capacity	0.987	0.975	0.962	0.942	0.93
Pressure Drop	1.07	1.15	1.25	1.37	1.42
Ethanol					
	10%	20%	30%	40%	50%
Cooling Capacity	0.991	0.951	–	–	–
Heating Capacity	0.995	0.96	–	–	–
Pressure Drop	1.035	0.96	–	–	–
Methanol					
	10%	20%	30%	40%	50%
Cooling Capacity	0.998	0.972	–	–	–
Heating Capacity	0.995	0.97	–	–	–
Pressure Drop	1.023	1.057	–	–	–

NOTE: Higher percentage mixtures of ethanol and methanol are not recommended due to increased flammability.

System Applications

Water Loop Application

Commercial systems typically include a number of units connected to a common piping system. Any unit plumbing maintenance work can introduce air into the piping system; therefore air elimination equipment is a major portion of the mechanical room plumbing. For piping systems expected to utilize water temperatures below 50°F [10°C], closed cell insulation is recommended on all piping surfaces to eliminate condensation. Metal to plastic threaded joints should never be used due to their tendency to leak over time. All units include flush mounted FPT water connections integral to the unit corner post, which do not require a backup wrench.

A thread sealant is recommended to minimize internal fouling of the heat exchanger. Do not over tighten connections and route piping so as not to interfere with service or maintenance access. Accessory hose kits are available from Daikin Applied as an option and are available in different configurations for connection between the unit and the piping system depending upon selection. The hose kits include high pressure stainless steel outer braided and fire rated hoses and may include shut off valves, P/T ports for performance measurement, with a combination “Y” type strainer with blow down valve, and “JIC” type swivel connections.

Auto balancing valves and an external low pressure drop motorized valve for use in variable pumping systems may also be included in the accessory hose kit option.The piping system should be flushed to remove dirt, piping chips, and other foreign material prior to operation. The water flow rates should be kept at approximately 3 GPM per nominal cooling ton (a 10°F temperature rise in cooling). To ensure proper maintenance and servicing, P/T ports are imperative for temperature and flow verification, as well as performance checks.

Water loop heat pump (cooling tower/boiler) systems typically utilize a common loop, maintained between 60 - 90°F [16 - 32°C]. When an open type cooling tower is used, a secondary heat exchanger between the tower and the water loop is recommended. If an open type cooling tower is used continuously, chemical treatment and filtering may be necessary.

NOTICE

Units with a brazed plate heat exchanger must include a field provided and installed strainer with a minimum of a 20-mesh rating in the supply piping to prevent heat exchanger clogging. For units with a coaxial heat exchanger, the same 20-mesh strainer is recommended.

Ground-Loop Application

⚠ CAUTION

The following instructions represent industry accepted installation practices for closed loop earth coupled heat pump systems. Instructions are provided to assist the contractor in installing trouble free ground loops. These instructions are recommendations only. State/provincial and local codes MUST be followed and installation MUST conform to ALL applicable codes. It is the responsibility of the installing contractor to determine and comply with ALL applicable codes and regulations.

⚠ CAUTION

Ground loop applications require extended range equipment and optional refrigerant/water circuit insulation.

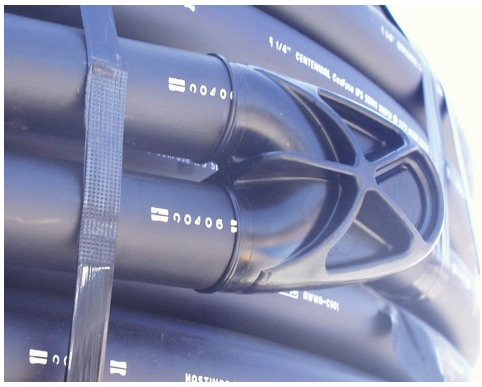
Pre-Installation

Prior to installation, locate and mark all existing underground utilities, piping, etc. Install loops for new construction before sidewalks, patios, driveways, and other construction has begun. During construction, accurately mark all ground loop piping on the plot plan as an aid in avoiding potential future damage to the installation.

Piping Installation

The typical closed loop ground source system is shown in Figure 37 and Figure 38. All earth loop piping materials should be limited to polyethylene or equivalent per International Ground Source Heat Pump Association (IGSHPA).

Polyethylene Fused Piping



Galvanized or steel fittings should not be used at any time due to their tendency to corrode. All plastic to metal threaded fittings should be avoided due to their potential to leak in earth coupled applications. A flanged fitting should be substituted. P/T plugs should be used so that flow can be measured using the pressure drop of the unit heat exchanger.

Earth loop temperatures can range between 25 and 110°F [-4 to 43°C]. The water flow rates should be kept at approximately 3 GPM per nominal cooling ton (a 10°F temperature rise in cooling).

Test individual horizontal loop circuits before backfilling. Test vertical U-bends and pond loop assemblies prior to installation. Pressures of at least 100 psi [689 kPa] should be used when testing. Do not exceed the pipe pressure rating. Test entire system when all loops are assembled.

Flushing the Earth Loop

Upon completion of system installation and testing, flush the system to remove all foreign objects and purge to remove all air.

Ground-Water Application

Open Loop - Ground Water Systems - Typical open loop piping is shown in Figure 39 and Figure 40. Shut off valves should be included for ease of servicing. Boiler drains or other valves should be installed in the supply and return lines to allow cleaning of the heat exchanger. Shut off valves should be positioned to allow flow through the coax via the boiler drains without allowing flow into the piping system. P/T plugs should be used so that pressure drop and temperature can be measured. Piping materials should be limited to copper.

⚠ WARNING

Polyolester Oil, commonly known as POE oil is a synthetic oil used in many refrigeration systems, and may be present in this Daikin Applied product. POE oil, if ever in contact with PVC/CPVC, will coat the inside wall of PVC/CPVC pipe causing environmental stress fractures. Although there is no PVC/CPVC piping in this product, please keep this in mind when selecting piping materials for your application, as system failure and property damage could result. Refer to the pipe manufacturer's recommendations to determine suitable applications of the pipe.

Water quantity should be plentiful and of good quality. See Table 396 and Table 397 on pages 372-373 for water quality guidelines. The unit can be ordered with either a copper or cupronickel water heat exchanger. Premium units WSS and WST come with a brazed plate heat exchanger. Copper is recommended for open loop ground water systems that are not high in mineral content or corrosiveness. In conditions anticipating heavy scale formation or in brackish water, a cupronickel heat exchanger is recommended. In ground water situations where scaling could be heavy or where biological growth such as iron bacteria will be present, an open loop system is not recommended. Heat exchanger coils may over time lose heat exchange capabilities due to build up of mineral deposits. Heat exchangers must only be serviced by a qualified technician, as acid cleaning and special pumping equipment may be required.

Figure 37: Typical Horizontal Ground Loop Application (Loop Pump by Others Shown)

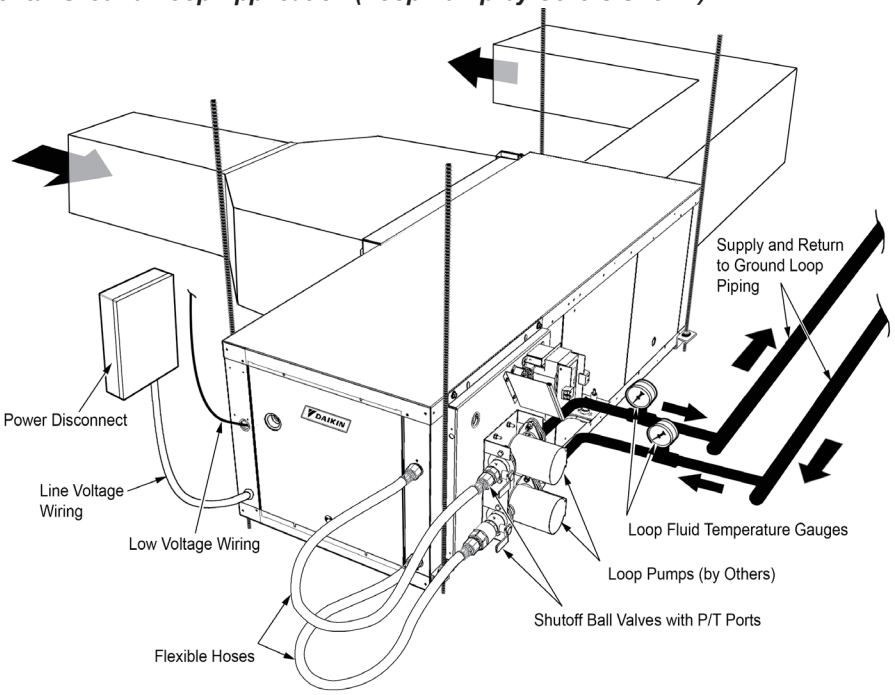


Figure 38: Typical Vertical Ground Loop Application (Loop Pump by Others Shown)

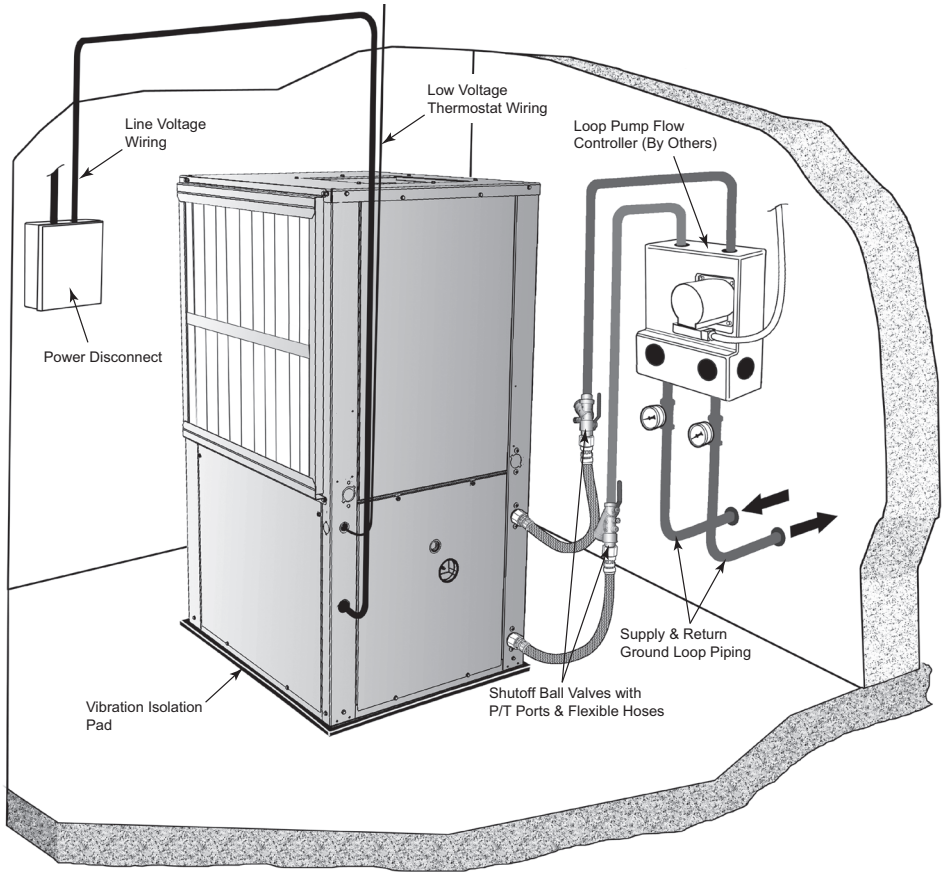


Figure 39: Typical Horizontal Open Loop Application

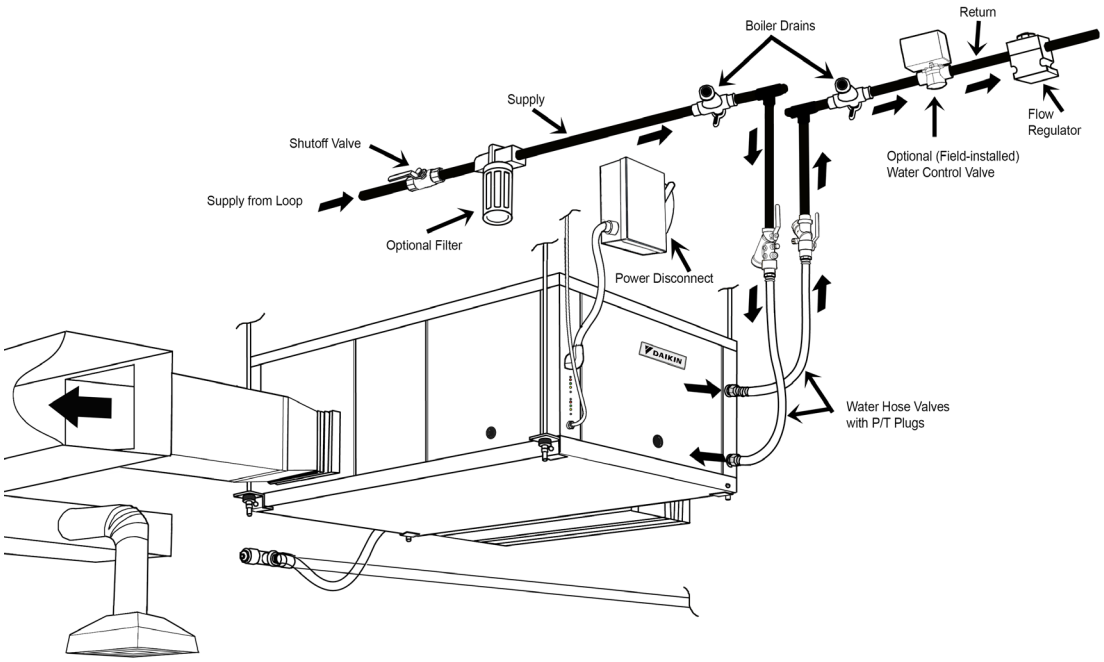
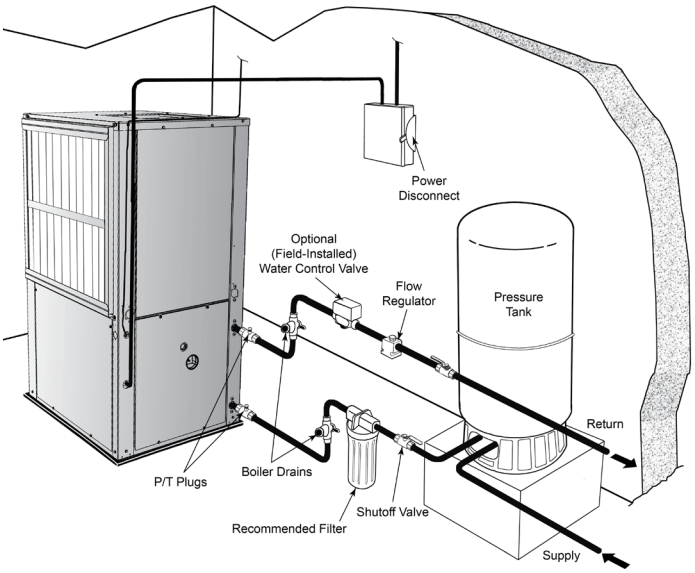


Figure 40: Typical Vertical Open Loop Application



Water Quality Standards - Table 396 and Table 397 should be consulted for water quality requirements. Scaling potential should be assessed using the pH/Calcium hardness method. If the pH <7.5 and the calcium hardness is less than 100 ppm, scaling potential is low. If this method yields numbers out of range of those listed, the Ryznar Stability and Langelier Saturation indices should be calculated. Use the appropriate scaling surface temperature for the application, 150°F [66°C] for direct use (well water/open loop); 90°F [32°F] for indirect use. A monitoring plan should be implemented in these probable scaling situations. Other water quality issues such as iron fouling, corrosion prevention and erosion and clogging should be monitored.

Expansion Tank and Pump - Use a closed, bladder type expansion tank to minimize mineral formation due to air exposure. The expansion tank should be sized to provide at least one minute continuous run time of the pump using its draw-down capacity rating to prevent pump short cycling. Discharge water from the unit is not contaminated in any manner and can be disposed of in various ways, depending on local building codes (e.g. recharge well, storm sewer, drain field, adjacent stream or pond, etc.). Most local codes forbid the use of sanitary sewer for disposal. Consult your local building and zoning department to assure compliance in your area.

Water Control Valve (Factory or field-installed option) - Note the placement of the water control valve in Figure 40. Always maintain water pressure in the heat exchanger by placing the water control valve(s) on the return line to prevent mineral precipitation during the off-cycle. Pilot operated slow closing valves are recommended to reduce water hammer. If water hammer persists, a mini-expansion tank can be mounted on the piping to help absorb the excess hammer shock. If a field provided motorized valve and actuator is utilized, ensure that the total 'VA' draw of the valve can be supplied by the unit transformer. For instance, a slow closing valve can draw up to 35VA. Units are furnished with a factory-installed 50 VA transformer. An optional 75VA transformer is also available. A typical pilot operated solenoid valve draws approximately 15VA.

Flow Control - Flow control can be accomplished by two methods. One method involves simply adjusting the field-provided ball valve or flow control valve on the return line. Measure the pressure drop through the unit heat exchanger, and determine flow rate from the pressure drop tables on page 373 through page 376. Since the pressure is constantly varying, two pressure gauges may be needed. Adjust the valve until the desired flow of 1.5 to 4 gpm, per ton [5.7 to 15.1 l/m, per kW] is achieved. A second method of flow control requires a flow control device mounted on the outlet of the flow control valve. This device is typically a brass fitting with an orifice of rubber or plastic material that is designed to allow a specified flow rate. On occasion, flow control devices may produce velocity noise that can be reduced by applying some back pressure from the ball valve located on the discharge line. Slightly closing the valve will spread the pressure drop over both devices, reducing the velocity noise.

Table 396: Water Quality Conditions and Applications for Units with a Coaxial Heat Exchanger

Potential Problem	Chemical(s) or Condition	Range for Copper Heat Exchangers	Range for Cupronickel Heat Exchanger
Scaling	Calcium & Magnesium Carbonate	Less than 350 ppm	Less than 350 ppm
Corrosion	pH Range	7 – 9	5 – 9
	Total Dissolved Solids	Less than 1000 ppm	Less than 1500 ppm
	Ammonia, Ammonium Hydroxide	Less than 0.5 ppm	Less than 0.5 ppm
	Ammonium Chloride, Ammonium Nitrate	Less than 0.5 ppm	Less than 0.5 ppm
	Calcium Chloride/ Sodium Chloride	Less than 125 ppm	Less than 125 ppm[4]
	Chlorine	Less than 0.5 ppm	Less than 0.5 ppm
	Hydrogen Sulfide	None Allowed	None Allowed
	Iron Oxide	Less than 1 ppm	Less than 1 ppm
Biological Growth	Iron Bacteria	None Allowed	None Allowed
Erosion	Suspended Solids	Less than 10 ppm	Less than 10 ppm
	Water Velocity	Less than 8 ft/s	Less than 12 ft/s

NOTE 1: Water hardness in ppm is equivalent to hardness in mg/L.

NOTE 2: Grains/gallon = ppm divided by 17.1.

NOTE 3: Copper and cupronickel heat exchangers are not recommended for pool applications for water outside the range of the table. Secondary heat exchangers are required for applications not meeting the requirements shown above.

NOTE 4: Salt water applications (approx. 25,000 ppm) require secondary heat exchangers due to copper piping between the heat exchanger and the unit fittings.

Table 397: Water Quality Conditions and Applications for WSS and WST Units with a Brazed Plate Heat Exchanger

Potential Problem	Chemical(s) or Condition	Range for Brazed Plate Heat Exchanger	
		Sizes 007-012 (ANSI 304 Stainless Steel)	Sizes 015-070 (ANSI 316 Stainless Steel)
Scaling	Alkalinity	70-300 ppm	
	Total Hardness	70-200 ppm	
Corrosion	pH Range	7.5-9.0	
	Sulfate	Less than 70 ppm	
	Ammonium	Less than 2 ppm	
	Chlorides	Less than 50 ppm	Less than 300 ppm
	Free Chlorine	Less than 1 ppm	
	Hydrogen Sulfide	Less than 0.05 ppm	
	Free (Aggressive) Carbon Dioxide	Less than 5 ppm	
	Nitrate	Less than 100 ppm	
	Iron Oxide[1]	Less than 0.2 ppm	
	Aluminium	Less than 0.2 ppm	
	Manganese[1]	Less than 0.1 ppm	
	Electrical Conductivity	10-500 µS/cm	
	Total Dissolved Solids	Less than 1000 ppm	
Biological Growth	Iron Bacteria	None Allowed	
Erosion	Water Velocity	Less than 8 ft/s	Less than 16 ft/s

NOTE 1: Iron and manganese are strong oxidants and may increase the risk for localized corrosion on stainless steels in combination with brazing material copper.

NOTE 2: Varying combinations of pH, TDS, calcium, alkalinity and water temperature can affect the likelihood of scaling. To determine if the system is at risk for scaling, use the Langelier Saturation Index.

Table 398: WSCH, WSDH Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	1.0
	1.8	1.9
	2.3	2.8
009	1.5	1.4
	2.3	2.8
	3.0	4.3
012	2.0	2.8
	3.0	5.2
	4.0	8.2
015	2.5	3.5
	3.8	6.9
	5.0	10.8
019	3.2	6.7
	4.8	11.8
	6.3	17.4
024	4.0	5.2
	6.0	10.0
	8.0	15.8
030	5.0	7.5
	7.5	14.3
	10.0	22.6
036	6.0	6.1
	9 .0	12.0
	12.0	19.3
042	7.0	7.9
	10.5	15.5
	14.0	24.9
048	8.0	5.0
	12.0	10.5
	16.0	18.0
060	10.0	4.7
	15.0	10.5
	20.0	18.6
070	11.7	5.2
	17.5	13.2
	23.3	25.8

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Table 399: WSMH, WSNH Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	1.2
	1.8	2.3
	2.3	3.4
009	1.5	1.5
	2.3	3.1
	3.0	4.9
012	2.0	2.7
	3.0	5.1
	4.0	8.1
015	2.5	3.0
	3.8	6.0
	5.0	9.4
019	3.2	4.5
	4.8	8.8
	6.3	13.9
024	4.0	5.7
	6.0	9.9
	8.0	14.7
030	5.0	5.2
	7.5	10.0
	10.0	15.9
036	6.0	3.2
	9 .0	6.7
	12.0	11.5
042	7.0	4.2
	10.5	8.9
	14.0	15.3
048	8.0	3.5
	12.0	7.5
	16.0	12.9
060	10.0	5.3
	15.0	11.5
	20.0	20.2

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Table 400: WSSH, WSTH Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	3.3
	1.8	6.8
	2.3	10.5
009	1.5	6.3
	2.3	12.9
	3.0	20.0
012	2.0	4.4
	3.0	9.2
	4.0	15.5
015	2.5	1.2
	3.8	2.5
	5.0	4.2
019	3.2	1.6
	4.8	3.8
	6.3	6.8
024	4.0	2.8
	6.0	5.9
	8.0	10.1
030	5.0	2.0
	7.5	4.5
	10.0	8.1
036	6.0	3.2
	9 .0	6.8
	12.0	11.7
042	7.0	3.1
	10.5	6.6
	14.0	11.2
048	8.0	3.3
	12.0	7.0
	16.0	11.9
060	10.0	2.9
	15.0	6.2
	20.0	10.6
070	11.7	3.5
	17.5	7.5
	23.3	12.9

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Table 401: WSCV, WSDV Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	1.3
	1.8	2.3
	2.3	3.2
009	1.5	1.5
	2.3	3.0
	3.0	4.5
012	2.0	2.4
	3.0	4.6
	4.0	7.2
015	2.5	4.7
	3.8	8.6
	5.0	12.8
019	3.2	5.1
	4.8	9.7
	6.3	15.0
024	4.0	7.0
	6.0	13.3
	8.0	18.9
030	5.0	9.9
	7.5	18.9
	10.0	25.3
036	6.0	6.3
	9 .0	12.1
	12.0	19.3
042	7.0	7.9
	10.5	15.5
	14.0	22.0
048	8.0	5.6
	12.0	12.4
	16.0	21.8
060	10.0	5.4
	15.0	11.8
	20.0	20.6
070	11.7	7.1
	17.5	15.3
	20.0	19.7

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Table 402: WSMV, WSNV Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	1.0
	1.8	2.0
	2.3	3.0
009	1.5	1.7
	2.3	3.4
	3.0	5.1
012	2.0	2.5
	3.0	4.7
	4.0	7.4
015	2.5	3.3
	3.8	6.4
	5.0	9.9
019	3.2	4.6
	4.8	9.0
	6.3	14.3
024	4.0	4.6
	6.0	8.9
	8.0	14.1
030	5.0	6.4
	7.5	12.7
	10.0	20.5
036	6.0	3.1
	9.0	6.6
	12.0	11.2
042	7.0	4.5
	10.5	9.6
	14.0	16.6
048	8.0	3.5
	12.0	7.5
	16.0	12.9
060	10.0	5.3
	15.0	11.8
	20.0	20.6

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Table 403: WSSV, WSTV Unit Water Pressure Drop

Unit Size	GPM	Pressure Drop, FOH
007	1.2	3.3
	1.8	6.8
	2.3	10.5
009	1.5	6.3
	2.3	12.9
	3.0	20.0
012	2.0	5.5
	3.0	11.4
	4.0	19.1
015	2.5	1.2
	3.8	2.6
	5.0	4.3
019	3.2	1.9
	4.8	4.0
	6.3	6.7
024	4.0	2.1
	6.0	4.5
	8.0	7.6
030	5.0	2.0
	7.5	4.3
	10.0	7.3
036	6.0	2.5
	9.0	5.1
	12.0	8.5
042	7.0	2.8
	10.5	6.1
	14.0	10.6
048	8.0	2.5
	12.0	5.3
	16.0	9.1
060	10.0	3.0
	15.0	6.1
	20.0	10.1
070	11.7	2.5
	17.5	5.2
	23.3	8.9

NOTE: Pressure drop for accessory and optional components are not included in the table above. Consult Motorized Isolation Valve Water Pressure Drop Values section on page 278 for additional pressure drop tables.

Selection Procedure

Achieving optimal performance with water source heat pump systems requires both accurate system design and proper equipment selection. Use a building load program to determine the heating and cooling loads of each zone prior to making equipment selections. With this information, the Daikin Select Tools software selection program for Water Source Heat Pumps can be used to provide fast, accurate and complete selections of all water source heat pump products. Select Tools software is available by contacting your local Daikin Applied Representative.

While it is recommend that you use Select Tools software for all unit selections, manual selections can be accomplished using the same zone load information and the capacity tables available in this catalog.

The following example illustrates a typical selection for a unit in a boiler/tower system for a commercial building.

The load in this zone requires 41,099 Btuh of total cooling, 30,327 Btuh of sensible cooling and 37,758 Btuh of total heating. The entering water temperatures for the design conditions are 90°F for cooling and 70°F for heating. The return air temperature is 80°F dry bulb with 67°F wet bulb for cooling and 70°F for heating.

Zone Requirement:

Total Cooling Load	=	32,879 Btuh
Sensible Cooling Load	=	23,862 Btuh
Heating Load	=	30,206 Btuh
Design Airflow	=	1,200 CFM
Return Air - Cooling	=	80ºF DB/67ºF WB
Return Air - Heating	=	70ºF DB

Since a Model WSCH030 produces approximately 26,800 Btuh total cooling and 20,300 Btuh sensible cooling capacity, it is not sufficient for this zone and a model WSCH036 should be considered.

Selection:

Model WSCH036

After making the preliminary selection (WSCH036), enter the performance from the unit's Capacity Data table at the design conditions and read Total Cooling, Sensible Cooling, and Heating Capacity at 9 GPM:

Total Cooling Capacity	=	34,541 Btuh
Sensible Cooling Capacity	=	24,051 Btuh
Heating Capacity	=	43,252 Btuh
Airflow	=	1,200 CFM
Water Flow required to meet capacity	=	7.5 GPM
Water Pressure drop	=	3.75 (ft H_2O)

Engineering Specifications

SMARTSOURCE® HORIZONTAL AND VERTICAL WATER SOURCE HEAT PUMPS

PART 1--GENERAL

1.01 WORK INCLUDED:

A. The contractor shall furnish and install where shown on the plans, packaged water source heat pump units. Sizes, types and performance shall be as indicated in the unit schedule. Each unit shall be complete with factory furnished components and accessories as shown in the plans and as herein specified.

B. Provide labor, materials, and equipment and services to perform operations required for the complete installation and related work as required in contract documents.

C. Electrical work required as an integral part of the temperature control work is indicated on the mechanical drawings, and is the responsibility of this contractor to provide the complete system to perform the full sequence of operation shown, or as described in this specification.

1.02 SUBSTITUTIONS

A. This is a performance specification, which uses the first named manufacturer's equipment as basis of design. Other manufacturers are named as acceptable, providing the other named manufacturers comply fully with all construction details, scheduled performance requirements and the full scope of these specifications. This does not necessarily mean that the other named manufacturers equipment will fit the available space or design requirements. It shall be the responsibility of this contractor to be sure that the system provided fully meets or exceeds the specified requirements and should any changes or additional apparatus be required for other named manufacturers, this contractor shall be fully responsible for the material and installation cost (including claims by all other trades, which may be effected by the substitution), to complete the installation and comply fully with the systems as outlined in these plans and specifications. A request for a substitution shall constitute a representation that the contractor will:

1. Investigate the proposed product and determine that it is equal to or superior in all respects to that specified.
2. Provide the same warranties or bonds for the substitution as for the product specified.
3. Coordinate the installation of an accepted substitution in the work and make such other changes in the work as may be required for installation to make the work complete and equal to the basis of design in all respects.

B. Any manufacturer not named in these specifications shall be submitted to the engineer for technical review not less than fourteen days prior to the published bid date. The solicitation for consideration of alternate manufacturers shall include, but not limited to, full submittal data on unit construction, performance, and shall include:

1. Drawings and samples to demonstrate the products compliance.
2. Outline any changes required in other elements of the work because of the substitution.
3. Availability of local service and source of replacement material and parts.
4. A comparison of the proposed manufacturer's equipment with that specified. A complete copy of these specifications, with a notation written in the right margin of the specification; "C" for full compliance, or "D" for deviation, for each specification line item. For every instance of deviation, a full explanation shall be attached, identified by specification number.
5. A list of local installations where equipment of like and kind have been installed, with names and telephone numbers of personnel for each installation, that may be contacted as references.

C. The engineer shall determine compliance with the specification and whether the proposed manufacturer's equipment is acceptable for bid submission. Any deviation from this procedure is not acceptable and shall disqualify the proposed manufacturer. Acceptance and approval of any proposed equipment by the engineer for bid submission shall not be interpreted to imply that the proposed equipment will fit the available space or the dimensional or design requirements. The engineer will review requests for substitutions with reasonable promptness, and the decision to accept or reject the requested substitution will be responded to only by addendum. The engineer may request additional information, which must be provided and reviewed before determining compliance. If the engineer finds the product to be of general acceptance, an addendum will be issued adding that manufacturer's name. If not added by addendum, that manufacturer's equipment will not be allowed or considered for the project if submitted.

D. The judgement of the engineer shall be final.

1.03 SUBMITTALS

A. Computer generated performance data at project application conditions.

B. Installation details.

C. Shop drawings including weights, dimensions, and required clearances for service.

D. Electrical data, including minimum circuit ampacity and maximum overcurrent protection required, time delay fuse type or HACR circuit breaker required.

1.04 QUALITY ASSURANCE:

A. Heat pump performance shall be certified in accordance with AHRI/ISO Standard 13256-1 and shall

have the correct AHRI/ISO and CUL labels affixed to the cabinet. Heat pump performance at scheduled project operating conditions shall be substantiated by computer generated output data.

B. Heat pumps shall be listed by a nationally recognized safety-testing laboratory or agency, such as Underwriters Laboratory (UL), or Electrical Testing Laboratory (ETL), or Canadian Standards Association (CSA).

PART 2--PRODUCTS

2.01 GENERAL:

A. Units shall be supplied completely factory assembled, piped, internally wired, fully charged with Pure Single-Component R-32 refrigerant and capable of operation with an entering water temperature range from 55°F to 120°F on water loop (Standard Range) models and 25°F to 120°F on ground loop (Geothermal) models. All equipment must be rated and certified in accordance with AHRI/ISO 13256-1 and must be tested, investigated, and determined to comply with the requirements of the standards for Heating and Cooling Equipment UL-60335-2-40 Version 2 for the US and CAN/CSA-C22.2 NO. 60335-2-40 Version 2 for Canada. Each unit shall be ETL and ETLC Listed. Each unit shall be run tested at the factory. The installing contractor shall be responsible for furnishing and installing Water Source Heat Pumps as indicated on the plans and per installation instructions. **Units with zeotropic blend refrigerants are not acceptable.**

[OPTIONAL] Extended range unit shall have insulated refrigerant-to-water heat exchanger and insulated water and refrigerant tubing; all designed to help prevent sweating.

B. Casing and Cabinet – Unit cabinet shall be fabricated from heavy gauge G-60 galvanized sheet metal with interior surfaces lined with 1/2-inch thick, 1.5 lb., dual density fiberglass insulation. All insulation will have the edges sealed or tucked to prevent introduction of glass fibers into the air stream. Standard cabinet insulation must meet NFPA 90A/90B requirements and have a flame spread of less than 25 and a smoke developed classification of less than 50 per ASTM E-84 and UL 723. All air-side insulation shall conform to mold growth limits in accordance with UL-181, fungi resistance per ASTM C 1338 or ASTM G21 and shall meet zero level bacterial resistance per ASTM G22.

[OPTIONAL] Interior surfaces lined with 3/8-inch thick, 1.8 lb., closed cellular foam insulation. OR

[OPTIONAL] Interior surfaces lined with two layers of ½-inch thick, 1.5 lb, dual density fiberglass insulation on all cabinet panels.

[OPTIONAL] For additional sound attenuation on unit sizes 2-tons and larger, a compressor blanket constructed from high performance Duracoustic sound material with superior sound absorption and deadening properties shall be provided. The sound rated material has a density of 1.5 lb./ft^3 and is made from a loaded vinyl reinforced barrier and is embedded with 0.5″ urethane foam.

C. [Horizontal models only] Ceiling Mounted Units – Each heat pump shall incorporate four independent access panels to facilitate service to internal components from front or backside. Unit shall have an insulated divider panel between compressor compartment and fan blower section. Access panels shall be designed to cover an individual unit section, such as the fan blower, while servicing compressor compartment and related refrigerant components.

D. Configuration – Units shall be provided configured as shown on the plans, in one of the following air-flow arrangements. **NOTE:** “Right” or “Left” side shall be determined when viewing the compressor compartment end panel.

1. Right Hand Return Air and Right Hand Piping Connections
2. Left Hand Return and Right Hand Piping Connections

E. Units shall have a factory-installed, 4-sided, 1″ duct flange on the discharge of the blower to allow connection of field ductwork and must have a minimum of three access panels, two for the compressor compartment and one for the blower compartment. Unit shall have an insulated panel separating the blower compartment from the compressor compartment.

F. Cabinets shall have separate openings and knockouts for entrance of line voltage and low voltage control wiring.

G. Filter Rack and Filters – Units shall include factory-installed, one-inch-thick, 2-sided filter rack with a top and bottom filter rail for filter support with standard 1-inch thick disposable filter(s) and a ¾-inch fold-out duct collar for connection of return air ductwork. If units with these factory installed items are not used, the contractor is responsible for any extra costs to field install these provisions, and/or the extra costs for their sub-contractor to install these provisions.

[OPTIONAL] Units shall include factory-installed low leakage, 2-inch, 4-sided combination filter rack with 2″ thick MERV 8 pleated filter(s) and ¾″ return air duct collar for connection of return air ductwork. The combination filter rack shall include a removable, tool-less access door with thumb screws and factory-installed gasketing to prevent air leakage between the filter rack and unit casing.

OR

[OPTIONAL] Units shall include factory-installed low leakage, 4-inch, 4-sided combination filter rack with 4″ thick MERV 13 pleated filter(s) and ¾″ return air duct collar for connection of return air ductwork. The combination filter rack shall include a removable, tool-less access door with thumb screws and factory-installed gasketing to prevent air leakage between the filter rack and unit casing.

H. Refrigerant Circuit - Units shall have an R-32 sealed refrigerant circuit, which includes a rotary or scroll compressor, thermostatic expansion valve, an aluminum lanced-fin and rifled copper tube refrigerant-to-air heat exchanger, reversing valve and a refrigerant-to-water heat exchanger. The airside coils shall be rated at a minimum of 600 psig working pressure.

Refrigerant circuit includes a brazed plate refrigerant-to-water heat exchanger. The brazed plate heat exchanger shall be constructed of stainless steel corrugated plates with an asymmetric plate design and shall be rated at 500 psig working pressure on the waterside and 600 psig working pressure on the refrigerant side.

OR

Refrigerant circuit includes a coaxial, tube-in-tube refrigerant-to-water heat exchanger and shall be deeply fluted to enhance heat transfer and minimize fouling and scaling. The coaxial coil shall be made of a copper inner tube –OR– cupronickel inner tube and a painted steel outer tube. The coaxial coil shall have a working pressure of 500 psig on the waterside and 600 psig on the refrigerant side.

[OPTIONAL] Units shall have coated air coil to meet ASTM Std B-117, 1,000-hour salt spray test.

I. Compressor - The compressor shall include thermal overload protection and have a dual level vibration isolation system. The Rotary compressor will be mounted on spring vibration isolators while the Scroll compressor will be mounted on vibration isolation grommets and then to a heavy gauge compressor mounting plate, which is then isolated from the cabinet base with rubber grommets to minimize vibration transfer.

[OPTIONAL] The compressor shall include thermal overload protection and have a dual level vibration isolation system. The two-stage unloading Scroll compressor will be mounted on vibration isolation grommets and then to a heavy gauge compressor mounting plate, which is then isolated from the cabinet base with rubber grommets to minimize vibration transfer.

J. Compressor Safety Controls – Safety controls shall include a minimum of 3 safety devices: high refrigerant pressure switch, low refrigerant pressure switch and a low refrigerant suction temperature sensor. The low refrigerant suction temperature sensor shall provide freeze protection for the water coil and the air coil. Refrigerant gauge access fittings shall be factory installed on high and low pressure refrigerant lines to facilitate field service. Activation of any safety device shall prevent the compressor from operating via a microprocessor lockout circuit. The lockout circuit shall be reset at the thermostat or at the unit disconnect switch.

[OPTIONAL] Unit shall be equipped with an additional sensor located on the leaving water piping to be used to help protect the unit from excessively low water coil temperatures.

[OPTIONAL] A differential pressure switch monitoring the water pressure drop across the heat exchanger shall be factory installed internal to the cabinet and shall disable compressor operation if flow is not detected.

K. Fan and Motor Assembly - Unit shall have a direct drive centrifugal fan motor assembly. The fan housing shall have a removable inlet orifice ring to allow removal of the fan motor and fan wheel removal from one side without removing the entire fan housing. Units shall have a direct-drive centrifugal fan.

[OPTIONAL] The fan motor shall be 3-speed permanently lubricated, PSC type, with internal thermal overload protection. Units supplied without permanently lubricated motors must provide external oilers for easy service. OR

[OPTIONAL] The fan motor shall be constant torque electronically commutated for enhanced unit operation. Field adjustable CFM settings shall be accomplished from the position of 4-dip switch settings on the I/O expansion board located in the control box. OR

[OPTIONAL] The fan motor shall be constant torque electronically commutated for enhanced unit operation. These motors shall feature 5 pre-programmed torque settings that can be changed in the field to match design airflow requirements. OR

[OPTIONAL] The fan motor shall be variable speed, constant CFM, electronically commutated for improved operation and isolated from the fan housing with vibration grommets and internal thermal overload protection. Field adjustable CFM settings shall be accomplished from the position of 4-dip switch settings on the I/O expansion board located in the control box. The fan and motor assembly must be capable of overcoming the external static pressures as shown on the schedule. The constant CFM ECM shall have the ability to reduce the CFM as the space temperature approaches the thermostat setpoint for improved dehumidification. **NOTE:** Units with 460/60/3 power require the 4th wire neutral.

L. Electrical - The control box shall be located within the unit and shall contain controls for compressor, reversing valve, and fan motor operation and shall have either a 50VA or 75VA control circuit transformer and a terminal block for low voltage field wiring connections. Unit control system shall provide heating or cooling as required by the set points of the wall thermostat or space sensor. The unit control scheme shall provide for fan operation simultaneous with compressor operation (fan interlock) regardless of the thermostat type. The unit shall include an alarm relay for providing an output signal to an LED on the thermostat or to a central monitoring panel to indicate a “fault” condition from the activation of any one of the safety devices. Unit shall include an electrical nameplate with markings to accept time delay fuses or HACR circuit breaker for branch overcurrent protection of the power source. All units shall have a Short-Circuit current rating of 5kA rms symmetrical, 600V maximum.

[OPTIONAL] All units shall include a factory-mounted, non-fused disconnect switch located on the unit front corner post to break main power to the unit for ease of field service. The switch shall have a lockout/tag out feature.

All heat pump nameplate electrical utilization voltages shall be in conformance with ANSI Standard C84.1 as follows:

Nameplate Voltage	Phase	Distribution Voltage	Service, No. of Conductors
115	1	120	3
208	1	208	3
230	1	240	3
265	1	277	3
208	3	208	4
230	3	240	4

Nameplate Voltage	Phase	Distribution Voltage	Service, No. of Conductors	
460	3	480	PSC / ECM CT	4
460	3	480	ECM Constant CFM	5
575	3	600	4	

All units shall be suitable for continuous operation with a supply voltage variation measured at the factory power connection point of ± 10% of the nameplate voltage.

M. Cold Start-Up – Manufacturer shall guarantee heat pump units to start and operate in an ambient temperature of 40° F with entering air at 40° F, with entering water at 70° F, with both air and water at the flow rates used in the AHRI/ISO standard rating test, for initial system start-up in winter. (This is not a normal or continuous operating condition, and it is assumed that such a start-up is only for the purpose of bringing the building or space up to initial occupancy temperature). **NOTE:** With alternate extended range operation, the water source heat pump loop piping must be specified to be insulated. Geothermal units are inherently "extended range."

N. Condensate, Supply and Return Condenser Water Connections – Shall be FPT fittings securely mounted flush to the cabinet corner post allowing for connection to a flexible hose without the use of a back-up wrench. Condensate drain connection shall not be less than ¾" FPT fitting securely flush mounted to the corner post. Supply, return, and condensate drain shall be connected to loop and drain piping as detail on mechanical drawings. Condensate drain connection shall not be less than ¾" FPT fitting securely flush mounted to the corner post. Supply, return, and condensate drain shall be connected to loop and drain piping as detail on mechanical drawings. Piping connections at the unit which require brazing or soldering by the installer (which may damage the unit) shall not be allowed.

O. Drain Pan – Unit shall utilize a corrosion resistant, stainless steel insulated drain pan. The drain pan shall be internally sloped to ensure no pooling of condensate water per ASHRAE 62.2. Units without internally sloped drain pans will not be accepted. The unit will be supplied with solid-state electronic condensate overflow protection sensor as standard. Mechanical float switches will not be accepted. OR

[OPTIONAL] Plastic Drain Pan - The plastic drain pan is constructed of high impact IAQ and High Density Polyethylene (HDPE) plastic to prevent corrosion and sweating. The bottom of the pan is sloped on two planes and includes a free-draining pipe connection for positive condensate flow to meet ASHRAE 62.1 Section 5.11.

P. [OPTIONAL] Motorized Water Isolation Valves – The optional 2-way motorized isolation valves shall be factory-installed inside the compressor compartment. The valve actuator shall be factory wired to the Microtech Unit controller and be controlled when there is a call for heating or cooling.

1. [OPTIONAL] H P Refrigerant Tap – The optional ¼" High Pressure Refrigerant Tap shall be factory installed to allow provisions for field installing a direct acting water regulating valve with a mating ¼" flare nut.

Q. [OPTIONAL] Dehumidification – Hot Gas Reheat - All units shall have dehumidification control using a hot gas refrigerant reheat system. Each unit shall have an aluminum microchannel hot gas reheat coil, located downstream of the air coil, and a refrigerant reheat valve. Control of the dehumidification mode shall be done by a space thermostat or sensor and a space humidity sensor. If the humidity is above setpoint and the cooling setpoint is satisfied, the compressor shall be energized in the cooling mode and the reheat valve shall open to allow hot gas to enter the reheat coil. The return air is cooled to remove excess moisture and the reheat coil increases the air temperature to deliver room temperature air to prevent over-cooling the space. A call for cooling will stop the dehumidification mode. Integrated low return air temperature control shall be standard.

[OPTIONAL] A corrosion resistant coated hot gas reheat coil shall be available as an option.

R. [OPTIONAL] Waterside Economizer - All units shall be capable of free cooling operation. Each unit shall have a hydronic coil upstream of the refrigerant-to-air DX coil, a 3-way diverting valve and an entering water temperature thermostat (sensor) with 50-70°F adjustable setpoint range. On a call for 1st stage cooling, the temperature sensor measures the entering fluid temperature. If the temperature is below the setpoint, the 3-way valve shall divert the loop water to the hydronic coil in an attempt to satisfy space cooling. On a call for 2nd stage cooling, the compressor shall be energized in the cooling mode. If the temperature of the entering loop fluid rises above the setpoint, the 3-way valve shall stop diverting fluid to the hydronic coil. If the entering fluid is below 35°F, free cooling is disabled.

[OPTIONAL] Economizer coil shall be coated with a corrosion resistant coating that must pass ASTM B-117 1000-hour salt spray test to provide protection against corrosion due to acids, solvents and salt found in the environment.

S. Control System (Microtech Unit Controller) –

1. The unit control board shall be the main component of the system and shall contain the required inputs/outputs to operate a water source heat pump with a single speed fan.
2. Binary Outputs: 7 total (Main Fan, Compressor, Reversing Valve, Isolation valve/Pump Request, 1 Board Status LEDs, Room Sensor Status LED, Alarm output)

   a. Main Fan Switched output (line or low voltage) to control single-speed fan operation.

   b. Compressor Controls compressor operation (line or low voltage)

   c. Reversing Valve Controls reversing valve operation via low voltage. When the reversing valve output is de-energized, the reversing valve is in the "cool" position.

d. Isolation Valve/Pump Request Switched output to send a signal that the water source heat pump requires loop fluid flow.

e. 1-tricolor onboard Status LED provides mode/alarm indication (5VDC).

f. Room Sensor Status LED provides unit status information (5VDC).

g. Alarm Output will generate a 24VAC or ground signal (depending on field wiring) signal that turns on when the unit fan is in fault mode “A” Output 24VAC signal that turns on when the unit fan is in fault mode.

T. Unit controller inputs/outputs: The Microtech unit controller will be microprocessor-based and have capabilities, performance, and memory sufficient to execute the various functions detailed in this specification. This document will not specify a type, a manufacturer, or a family of microcontrollers to be considered for use. However, at a minimum, the following features are deemed essential:

1. Analog Inputs: (Condensate Overflow, Brownout Detection, Suction-Line Temp Sensor, Timed Override Switch, Setpoint Adjust, Fan Mode – (Heat/Cool/Auto)
2. Condensate Overflow: The presence of excessive condensate in the condensate drain pan is detected by a condensate sensor, which consists of a metal terminal ring mounted just below the top of the condensate pan. The analog input dedicated to condensate sensing must be capable of detecting the conductivity of water between the ring terminal and chassis ground. The conductivity trip point is 2.5 micro-ohms.
3. Brownout Detection: This analog input will measure the 24VAC input voltage applied to the controller as a means of indirectly monitoring line voltage applied to the unit. The 24VAC input, once rectified, filtered, and fed to an appropriate voltage divider, will be applied to the analog input as a DC voltage level proportional to the input voltage. At a minimum, the measurable range will be between 70 and 120% of the corresponding unit nameplate voltage. Due to the tolerances involved with the various components associated with this approach, calibration will occur during factory test when exactly 100% nameplate voltage is applied to the unit while in cooling mode. The digitized value of the resultant DC voltage applied to the analog input during the calibration period will be saved within the controller (in non-volatile memory) and used as a reference value for subsequent operation in the field. The brownout trip and recovery levels are a function of the application software and are listed elsewhere in this specification.
4. Suction-Line Temp Sensor: Sensing element shall be equivalent to NTC Thermistor – 10K ohms at 25°C, 0.2°C interchangeability. Advanced Thermal Products – Curve Z. **NOTE:** The Timed (Tenant) Override switch will short out the Room sensor thermistor. Sensing range shall be 0 to 158°F with a resolution of 1°F and an accuracy of +/- 1.5°F Maximum Total Error.
5. Set Point Adjust: The Set point Adjust circuit of a remote room sensor shall consist of a 1.5K-ohm 2-wire potentiometer. The wiper of the potentiometer will be connected to the analog input. The other lead of the potentiometer is tied to analog common. The 0 – 1.5K-ohm range will be interpreted by the base controller as an offset to the current temperature set point -5 to +5 degrees F or a range of 55 to 95 degrees F (jumper selectable and scaled accordingly in software).
6. Fan On/Auto, Heat/Cool/Auto: The Room Sensor shall incorporate switches and fixed resistors that present different resistance values to a single analog input which correspond to the fan and operating mode functions detailed below. The room sensor is designed with specific resistance values to coincide with the software in unit control module.
7. Temperature Input: Sensing element in the Microtech room temperature sensor is equivalent to NTC Thermistor – 10K ohms at 25°C, 0.2°C interchangeability. Advanced Thermal Products – Curve Z. **NOTE:** The Timed (Tenant) Override switch will short out the Room sensor thermistor. Sensing range shall be 0 to 158°F with a resolution of 1°F and an accuracy of +/- 1.5°F Maximum Total Error.
8. Binary Inputs: 19 total (Low Pressure, High Pressure, Emergency Shutdown, 10-Board level jumpers, 5-thermostat, Occupied/Unoccupied) that employ the Occupied/Unoccupied control.
9. The Low-Pressure Switch: This switch shall be sourced with 24VAC or DC, +/-20%. The binary input detection circuit shall be designed such that a minimum of 7mA current flows through the external contacts.
10. The High-Pressure Switch: This switch shall be part of an interlock circuit that interrupts power to the on-board compressor relay coil. Since this is a low voltage safety circuit as defined by UL, the designer must apply appropriate spacing as dictated by the relevant UL standards. As part of HP switch state detection, this circuit must sense the current flowing through the on-board compressor relay coil and communicate this information to the HP binary input. The current sensing circuit (Example device: NEC/CEL PS2501-1-A opto-isolator) must be upstream of the High-Pressure switch, i.e., between the control output and the HP switch. In the unlikely event that the compressor binary output or HP current sensing circuit fails closed, the HP switch can still perform its intended safety function by opening the compressor relay coil circuit.
11. Emergency Shutdown: This binary input will detect the presence of an earth grounded signal, which is supplied by an external, remote set of contacts – such as those provided by a Condenser Loop Water Controller.
12. Unoccupied Mode: This binary input will detect the presence of an earth grounded signal, which is supplied by an external, remote set of contacts – such as those provided by a Condenser Loop Water Controller.
13. Thermostat Inputs G, Y1, Y2, W1, and W2 shall detect the presence of 24VAC sourced from the

"R" terminal. The binary input conditioning circuitry for these inputs is designed to be compatible with conventional wall thermostats.

14. Board Level Configuration Switches:

    Switch 1 - Normal/Test Mode
    Switch 2 - Continuous/Cycling Fan
    Switch 3 - Water/Glycol (Loop Fluid)
    Switch 4 - Freeze Fault Detection
    Switch 5 - Room Temperature Set Point Adjustment Range
    Switch 6 - Local Control Type (Thermostat or Room Sensor)
    Switch 7 - Primary Heating Source (Compressor or Other)
    Switch 8 - I/O Expansion Module (Present or Not Required)
    Switch 9 - Application Select (Single Compressor or Two Compressors)
    Switch 10 - Fan Select (Future)

U. The I/O expansion board shall provide a means of adding I/O capability to the base controller in the form of extra analog inputs, analog output, binary inputs, and binary outputs. The primary use of the I/O expansion board is variable speed fan control, two stage compressor operation, dehumidification, waterside economizer, and one or two stage electric heat. Some configurations may also require options such as fan speed control, hot gas reheat coil control, and electric heater coil control.

1. Analog Inputs: 3-total (entering water temperature, return air temperature, space relative humidity).

   a. Entering Water Temperature (EWT) monitors entering water temperature by means of a 10k Ohm thermistor.

   b. Return Air Temperature (RAT) monitors return air temperature by means of a 10k Ohm thermistor.

   c. Space Relative Humidity (RAH) monitors space relative humidity by means of a 0-10VDC signal.

2. Analog Output: 1 total (PWM signal)

   a. PWM Signal provides constant CFM or torque for fan operation within maximum and minimum settings as defined in the fan motor control.

3. Binary Inputs: 3 total (Heat stage three, Heat stage four, Humidistat)

   a. Heat Stage three and four tells the Microtech unit controller that 1st and 2nd stage electric heat are required.

   b. Humidistat tells the Microtech unit controller that dehumidification is required.

4. Binary Output: 6-total (Compressor High Capacity, Auxiliary Heat Stage 1, Hot Gas Reheat Dehumidification, Waterside Economizer, Auxiliary Heat Stage 2, Tricolor Status LED)

   a. Compressor High Capacity 24VAC signal that enables the compressor at full load capacity.

   b. Auxiliary Heat Stage #1 24VAC signal that enables stage #1 electric heat.

   c. Hot Gas Reheat Dehumidification/Waterside Economizer enables the reheat solenoid on a request for dehumidification.

   d. Waterside Economizer enables the 3-way diverting valve upon a call for waterside economizer depending on unit configuration.

   e. Auxiliary Heat Stage #2 24VAC signal that enables stage #2 electric heat.

   f. 1-tricolor status LED that indicates operating conditions of the I/O expansion module as well as fan speed for variable speed fans.

   g. Board Level Configuration Switches:

      Switches 1-4 - Fan speed adjustment signals
      Switches 5-6 - Secondary heating options
      Switch 7 - Hot Gas Reheat dehumidification
      Switch 8 - Water Side Economizer
      Switch 9 - Single or Two Compressor Unit
      Switch 10 - Single or Two Stage Compressor

V. [OPTIONAL] BACnet® communication module – Unit shall have a microprocessor-based control system. The unit control logic shall communicate over a BACnet communications network. The BACnet communication module shall incorporate an Atmel ARM7 Thumb series MCU and be capable of supporting a full MSTP BACnet implementation. The microprocessor shall also support SPI compatible communications with the MCU of the Microtech controller. The physical interface to a BACnet BAS network shall be through an industry standard RS-485 transceiver capable of existing on an RS-485 network of up to 64 nodes. The unit controller is factory programmed and tested with all the logic required to monitor and control heating and cooling operation. The controller sets the unit mode of operation, monitors water and air temperatures, and can communicate fault conditions via a BACnet communications network. Units outfitted with Microtech and BACnet Communication modules include return air, discharge air and leaving water temperature sensors. Space temperature sensor options include a set-point adjustment, tenant override button, and the capability of substituting the return air sensor with a wall-mounted room temperature sensor.

1. Each communicating unit controller performs the following unit operations:

   a. Enable heating and cooling to maintain space temperature set point at the room sensor

   b. Enable fan and compressor operation

   c. Monitor all safety controls

   d. Monitor discharge and return air temperature

   e. Monitor leaving water temperature

   f. Relay status of all vital unit functions

   g. Support optional control outputs

   h. Adjust fan speed signals for each operating mode

2. Available room sensors include:

   a. Room Sensor with LED Status indicator and timed override/reset button.

b. Room Sensor with LED Status indicator, temperature Setpoint adjustment slider from Cool to Warm (55° F to 95° F) or (-5° F to +5° F) and timed override/reset button.

c. Digital Adjustable Room Sensor with digital display for temperature, Occupancy, Alarm, Setpoint and Status indication. Include four button controls for Setpoint (55° F to 95° F) or (-5° F to +5° F), Occupied/Unoccupied request, and Override Reset.

d. Digital Adjustable Room Sensor with digital display for temperature, Humidity (for units with Dehumidification) Occupancy, Alarm, Setpoint and Status indication. Include six button controls for Setpoint (55° F to 95° F) or (-5° F to +5° F), System Mode, Occupied/Unoccupied request, and Override Reset.

W. Emergency Shutdown: The controller will be in remote shutdown when the emergency shutdown contact closes to ground. Remote shutdown is provided so that when properly connected to a water loop controller or remote switch, the emergency shutdown input can be used to shut down the water source heat pump. When in remote shutdown no other thermostat or control inputs will have effect on unit operation. No faults or modes have higher priority than remote shutdown. Remote shutdown or brownout modes have the same level of priority. When the unit is in remote shutdown mode the following occurs:

1. The compressor is immediately de-energized (minimum on timer is ignored).
2. The reversing valve is immediately de-energized.
3. The fan is immediately de-energized.
4. The alarm output is de-energized.
5. When the emergency shutdown input is opened, the unit will automatically return to normal operation.

X. Intelligent Reset: (Low pressure and Low temperature in heating only). The “Fault Retry” feature helps to minimize nuisance trips of automatic lockouts caused by low-pressure or low temperature faults. This feature automatically clears these faults the first two times they occur within a 24-hour period and triggers an automatic lockout on the 3rd fault. The retry count is reset to zero every 24 hours. The fault retry feature does not apply to a high-pressure fault – which causes an immediate lockout and requires a manual reset, or condensate overflow or brownout faults – which are self-clearing.

Y. Microtech Unit Controller and I/O Expansion Board Fault and Status LEDs: Separate board mounted tricolor LED’s.

1. Room Sensor Status LED: A 5VDC signal and shall operate as follows:

Status LED	Mode
On Continually	Occupied, Unoccupied Load Shed
On 0.5 sec, Off 5.5 sec	Unoccupied
On 5.5 sec, Off 0.5 sec	Tenant Override, Override Load Shed
On 0.1 sec, Off 0.1 sec	Alarm Condition (Condensate Overflow, Brownout, Compressor Fault

Z. Auxiliary Relay Output: When the unit is in alarm mode, a 24VAC or ground signal (depending on field wiring) switch is activated.

1. Onboard Status LED:

	LED Activity	Type	Color	Description
MT Controller Diagnostic LED	Steady ON	Fault	Red	MCU Not Programmed or Hardware Failure
	1 Flash	Fault	R-Y-G	Invalid Configuration
	2 Flash	Fault	R-Y-G	Incompatible Software
	1 Flash	Fault	R-Y	Expansion Board Communication Error
	2 Flash	Mode	G-Y	Service/Test Mode Active

	LED Activity	Type	Color	Description
MT I/O Expansion Board Diagnostic LED	Rapid Flash	Fault	Yellow	A2L Mitigation Sensor Failure
	1 Flash	Fault	Yellow	Compressor Low Voltage Brownout
	2 Flash	Fault	Yellow	Freeze Fault Detection
	3 Flash	Fault	Yellow	Control Temperature Sensor Failure
	4 Flash	Fault	Yellow	Entering Water Temperature Sensor Failure
	5 Flash	Fault	Yellow	Leaving Water Temperature Sensor Failure
	6 Flash	Fault	Yellow	Relative Humidity Sensor Failure
	7 Flash	Fault	Yellow	Condensate Overflow Sensor Failure
	8 Flash	Fault	Yellow	Space Temperature Sensor Failure
	9 Flash	Fault	Yellow	Return Air Temperature Sensor Failure

AA. Standard Warranty – Daikin Applied shall warranty defective parts for a period of twelve (12) months from initial startup or eighteen (18) months from the date shipped by Daikin Applied, whichever occurs first. This warranty is subject to the terms and conditions of the Daikin Applied Americas Inc. Limited Product Warranty.

AB. [OPTIONAL] Extended Warranty (All extended warranties are subject to the terms and conditions of the extended warranty statement.):

1. An optional 1 or 4-Year Extended Compressor Only Parts Warranty OR
2. An optional 1 or 4-Year Extended Refrigeration Circuit Parts Warranty OR
3. An optional 1 or 4-Year Extended Complete Unit Parts Warranty

2.02 ACCEPTABLE ALTERNATES

A. With prior approval only, submit a detailed summary listing of all variations in form, fit, or function, in addition to specified submittal data.

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