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JP5 Set wor	Set point adjustment range only applies to net- york controls with a room temperature sensor	Open for adju	ustment range of -5.0° to +5.0°F	ater Temperature (LWT)				
JP6 Roo	ork controls with a room temperature sensor	Shorted for 5						
JP6 Roo	·	-	55° to 95°E adjustment range					
	Room control type	Open for the	o to oo r aujustinent range	Shorted for 55° to 95°F adjustment range				
	loon control type	Open for thermostatic room control						
JP7 Co.		Shorted for room temperature sensor control, MicroTech III only.						
317	Compressor heating source	Open to enable compressor heating						
	Compressor heating source	Shorted to disable compressor heating						
JP8 I/O	O expansion module	Open when I/O expansion module is not needed						
0.0	o expansion modulo	Shorted whe						
I/O Expansion	on Module							
JP1 Not	lot Used	Open						
JP3 JP4		Open	None	1 H2 1 H3 1 H5 1 H4 1 H5 1 H7 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
JP3		Shorted		Vollay.				
JP4 Sec	Secondary Heating Options	Open	Supplemental Electric Heat	I/O Expansion Module Yellow Header				
JP3		Open	Deiledes Fleshie Hest	Configuration				
JP4		Shorted	Boilerless Electric Heat	ହିନ୍ତି Jumpers : ୍ଞ୍ରିମ				
JP5		Open	None	000 000 000 000 000 000 000 000 000 00				
JP6		Open	NOTE	9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9				
JP5 Hot	Hot Gas Reheat / Desuperheater	Shorted	Hot Gas Reheat (HGR) or	## ###################################				
JP6 Wa	Vaterside Economizer		Desuperheater					
JP5			Waterside Economizer					
JP6		Shorted	Waterside Economizer	Note: See "MicroTech III Base Controller with I/O Expansion Module Terminal Details" on page 4 fold-out.				
JP7 Not	lot Used	Open when I	I/O expansion module is not needed					
JP8 Sin	single stage compressor	Open						
Tw	wo stage compressor	Shorted						

SUG WS-GS-GT001 3 www.DaikinApplied.com

moo.bailqpAnixisd.com	W	2	NS-GS-GT001	sne v
spplicable.	and to neutral wher	le across all legs a	Check unit supply voltag	
on setting 3).	ication (factory set	is correct for appl	Check fan speed setting	
ılve backage. Harness	ev as part of the ve	•	Terminal Connection H8 p/n: 910107989 is requir	
			Room sensor and return Connecting both sensors temperature.	
fluid through coil.	oris prior to directing	qəp jo bəhsuli nəəd	Confirm loop piping has b	
			Complete provided start temperature difference in 8°F in heating.	
no differential pressure	sor operation and r	d by loud compress by side service po	The compressor operatified rotation can be identified between low side and hi correct and does not ind	
			Verify current conditions fold-out). Supplemental	
			ial start-up:	inl
of a dry contact.	common py means	d, are connected to	E and U terminais, it used	
	nd in place.		J	
ss needed		ions are secure ar	Check electrical connect	
	sulbA .gniriw bns l			
		efrigeration piping	Check electrical connect	
: electrical supply must heat valve, etc.).	configured the unit	Once jumpers are s. moved. (Blower as efrigeration piping	Inspect unit for rubbing r	
main power from unit electrical supply must heat valve, etc.).	nlication. Remove r configured the unit	ondensate trap.) quired for unit app Once jumpers are s. moved. (Blower as efrigeration piping	to configure jumpers. or remain off for 10 second All shipping blocks are reinspect unit for rubbing in Check electrical connect	
etails. TH models require a main power from unit celectrical supply must heat valve, etc.).	nnit schematic for d d. (WGSH and WG nication. Remove r configured the unit	N8V supply. See ualited when required ondersate trap.) quired for unit app. Once jumpers are s.	field provided external or Configure jumpers as re to configure jumpers. Or remain off for 10 second All shipping blocks are re Inspect unit for rubbing in Check electrical connect	
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Before and during installation – verify:

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ıeq.com.	product information, please go to www.DaikinAppli
nformation as of this printing. For the most up-to-date	
Applied.com or call 800-432-1342.	To find your local service office, visit www.Daikin
Applied.com or call 800-37PARTS (800-377-2787).	To find your local parts office, visit www.DaikinA
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olied representative, go to www.DaikinApplied.com.	Form 933-430285Y. To find your local Daikin App
pplied representative for warranty details. Refer to	Product Warranty. Consult your local Daikin Ap
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540-248-9646 and ask for the Training Department.	DaikinApplied.com and click on Training, or call \$
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Start-Up Guide

SUG WS-GS-GT001

SUG WS-GS-GT001

Group: WSHP
Part Number: 910155026
Date: June 2014

WGSH, WGTH, WGSV, and WGTV Water Source Heat Pump Units

This guide is provided as a brief overview. Refer to unit specific installation manual for safety and complete installation information .

MARNING

The installer must determine and follow all applicable codes and regulations. This equipment presents hazards of electricity, rotating parts, sharp edges, heat and weight. Failure to read and follow these instructions can result in property damage, severe personal injury or death. This equipment must be installed by experienced, trained personnel only.

Please leave this document with the unit.

DAIKIN AIR AND WATER LIMITS

Air Limits

Air Limite	Standard F	Range Units	Geothermal Range Units	
Air Limits	Cooling	Heating	Cooling	Heating
Min. Ambient Air	50° F (10°C)	50°F (10°C)	40°F (4°C)	40°F (4°C)
Max. Ambient Air	100°F (38°C)	85°F (29°C)	100°F (38°C)	85°F (29°C)
Min. Entering Air	50°F (10°C)	50°F (10°C)	50°F (10°C)	40°F (4°C)
Max. Entering Air	100/83°F	80°F (27°C)	100/83°F	80°F (27°C)

Water limits

Water Limits	Standard R	ange Units	Geothermal Range Units		
vvater Limits	Cooling	Heating	Cooling	Heating	
Min. Entering Water	55°F (13°C)	55°F (13°C)	30°F (-1°C)	20°F (-6°C)	
Normal Entering Water	85°F (29°C)	70°F (21°C)	77°F (25°C)	40°F (4°C)	
Max. Entering Water	110°F (43°C)	90°F (32°C)	110°F (43°C)	90°F (32°C)	
Min. GPM/Ton	1.5				
Nominal GPM/Ton	3.0				
Max. GPM/Ton			.0		

Notes:

- Maximum and minimum values may not be combined. If one value is at maximum or minimum, the other two 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 a normal or continuous operating condition. It is assumed that such a start-up is for the purpose of bringing the building space up to occupancy temperature.

Figure 1: MicroTech III Base Controller with I/O Expansion Module Terminal Details

