



VISION®/SKYLINE®

SEMI-CUSTOM AIR HANDLERS



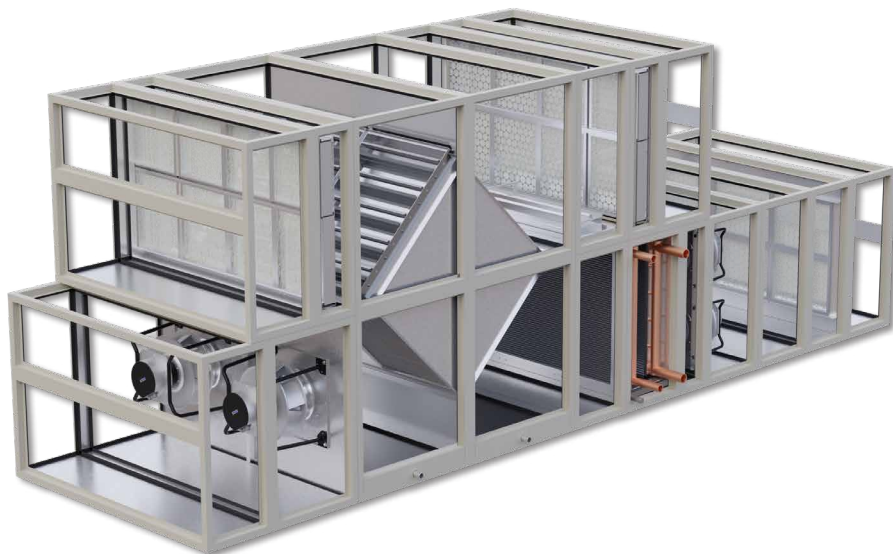
VISION
MODELS CAC, CAH

SKYLINE
MODELS OAC, OAH



- MODELS CAC, CAH - 900 TO 84,500 CFM
SIZES 003 - 169
- MODELS OAC, OAH - 900 TO 51,000 CFM
SIZES 003 - 090

ADVANCING EFFICIENCIES THROUGH DESIGN FLEXIBILITY



Daikin Applied **Vision and Skyline semi-custom air handlers** combine proven technologies with innovative design to deliver superior efficiency and performance. These units feature **energy-saving fan arrays and high-efficiency coil options** for precise airflow management – ideal for applications in healthcare, education, and commercial facilities. Vision also offers **vertical flow supply fans for shorter footprints**, making it perfect for space-constrained environments without compromising capacity or reliability.

Now enhanced with electronically commutated (EC) motors featuring PCB stator technology, Vision and Skyline achieve the **smallest fan array footprint in the market** while **expanding horsepower ranges** beyond standard ECM designs. Our fans with PCB stator motors provide exceptional control, quieter operation, and reduced energy consumption for building owners. With fewer moving parts, they require **less maintenance and lower total cost of ownership** over the life of the system.

CERTIFICATIONS



PERFORMANCE

-  R-13 thermal value
-  003-169 sizes
-  900-84,500 cfm
-  Blow/draw-through coils
-  MERV 8-17 filtration

FEATURES

- > Modular flexibility
- > Fixed plate or energy recovery wheel
- > Highly optioned for customized design
- > Gas phase air cleaning (GPC) technology
- > Space-saving fan array configurations

LINKS:

 [Vision Resources & Downloads](#)

 [Skyline Resources & Downloads](#)

 [Custom Resources & Downloads](#)

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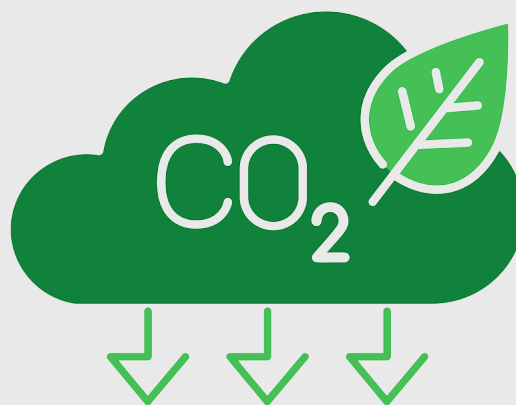
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Environmentally Friendly

Vision and Skyline semi-custom air handlers are engineered for maximum energy savings without compromising system performance. These units feature high-efficiency fan arrays, optimized coil designs and advanced control strategies that **reduce energy consumption footprint** while enhancing indoor air quality, occupant comfort and overall system reliability.

Operating with **variable-speed technology** ensures airflow matches demand, **minimizing wasted energy and lowering operational costs** for your facility. With electronically commutated motors using PCB stator technology, Vision and Skyline deliver **superior efficiencies** that **provide long-term savings** for a variety of building applications.



- A** 26" - 122" (2" increments)
- B** 36" - 142" (2" increments - std.)
- C** 144" - 228" (4" increments - ext.)



Flexible, Space-Saving Design

Both of these indoor and outdoor air handlers are designed to provide unmatched adaptability while conserving valuable space in your facility. Their **modular construction allows for tailored configurations** to meet the unique needs space-challenging environments.

Additionally, Vision units uniquely feature **vertical flow supply fans**, enabling **shorter footprints** for tight mechanical rooms and retrofit projects without sacrificing airflow or capacity.

Compact EC fan arrays further minimize space requirements while delivering precise airflow control. **Unlimited design flexibility** simplifies installation, reduces design constraints, and ensures optimal performance in challenging layouts where adaptability is critical to HVAC system and building requirements.

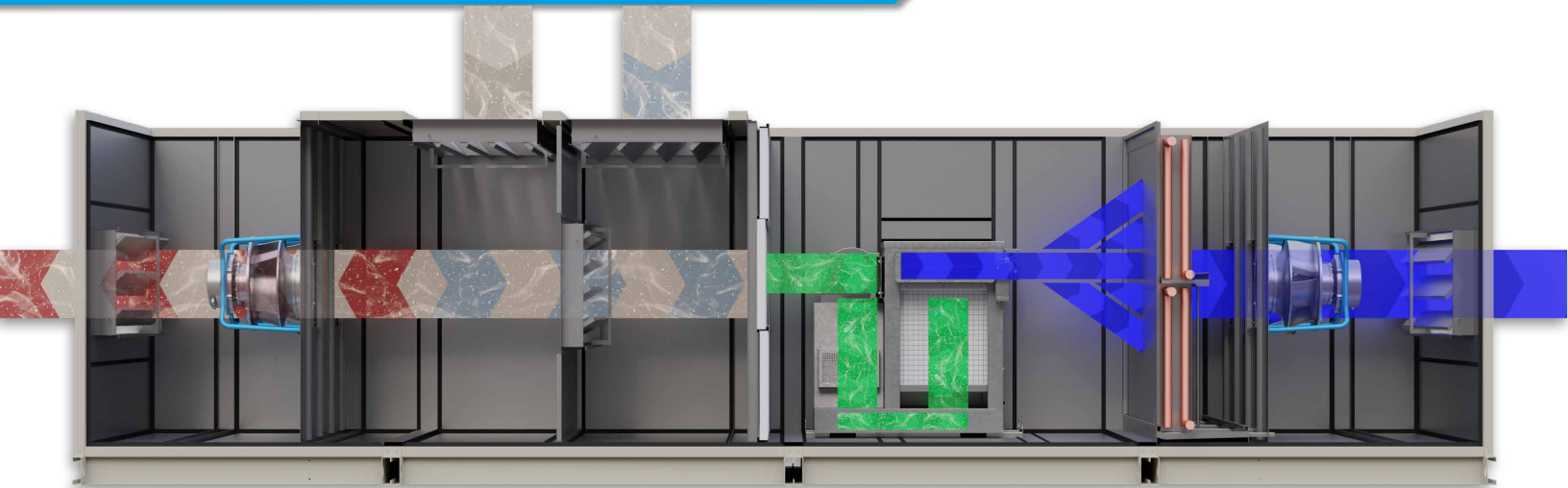
Industry-Leading Efficiency

Vision and Skyline utilize high-efficiency fan arrays, optimized coil designs, and variable-speed control to deliver **precise airflow while minimizing energy consumption**.

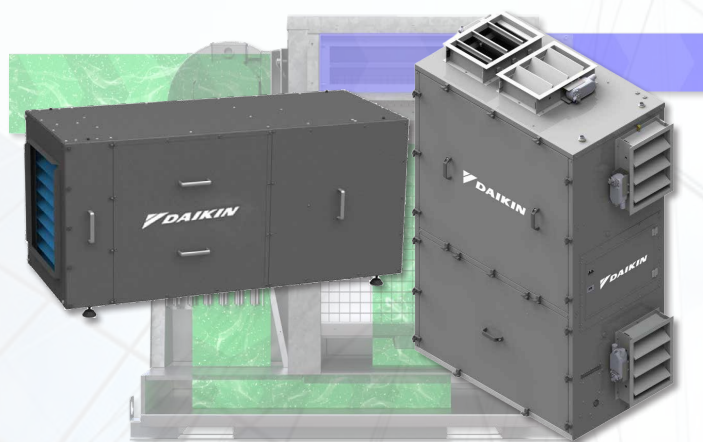
Electronically commutated fan array motors with PCB stator technology enhance performance by providing **expanded RPM ranges, superior control and reduced electrical losses** – all in the smallest fan array footprint available.

With unlimited modular configurations, Daikin Applied air handler solutions help **lower operating costs, reduce carbon impact, and meet stringent sustainability and efficiency goals** without compromising reliability or comfort.





DESIGN FLEXIBILITY FOR HIGH-PERFORMANCE AIR HANDLING



Reduced Footprint ECM Fan Array

Incorporating our **reduced-footprint, electronically commutated motor (ECM) fan array** delivers a smarter, more space-efficient solution for modern buildings. Its compact cabinet **simplifies installation in tight mechanical rooms and streamlines retrofit projects, reducing time and cost.** The modular ECM fan array offers flexible configurations of up to 20 fans, quiet performance and built-in redundancy for reliable, energy-efficient airflow.

ECM fan motor options **eliminate the need for large VFDs, freeing electrical room space and improving efficiency.** With better acoustics, easier service access and fully selectable performance, this next-generation fan array helps building owners and design engineers achieve high-performing, future-ready HVAC systems.

Gas Phase Filtration

An **advanced gas-phase air cleaning (GPC) filtration** option delivers a smarter, more sustainable approach to ventilation. This technology **removes a wide range of airborne contaminants at the molecular level**, allowing buildings to maintain high indoor air quality with **significantly lower outdoor air requirements.** Reducing the volume of outside air cuts heating and cooling loads, lowering energy use and operating costs while supporting decarbonization goals. Gas-phase filtration also **enhances occupant comfort by directly controlling indoor air quality and improving overall air freshness.** For designers and building owners, it offers a high-performance, space-efficient solution that elevates indoor air quality, boosts system efficiency, and supports sustainability objectives.



Vertical Supply Fan Array

Vision air handlers in horizontal configuration feature a **new vertical supply fan array option** that gives designers and building owners a powerful way to fit premium performance into tight mechanical rooms.

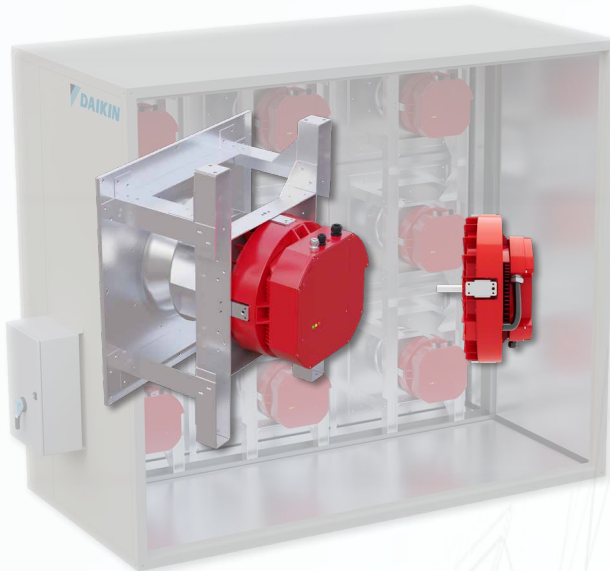
By integrating up to four horizontally arranged ECM fans within a compact modular section, the design significantly **reduces overall unit length while maintaining full airflow and static pressure capability**. This shorter footprint not only **freed up valuable space**, it also **simplifies equipment layout and supports easier installation** in retrofit or space-restricted HVAC system applications.



PCB Fan/Fan Array Motors

Printed-circuit-board (PCB) stator motors introduce a new level of efficiency and performance to Vision and Skyline air handlers. Their **innovative PCB stator eliminates the traditional iron core, resulting in a lighter, quieter, and significantly more energy-efficient motor design**. Integrated variable-speed technology delivers precise airflow control while reducing energy consumption.

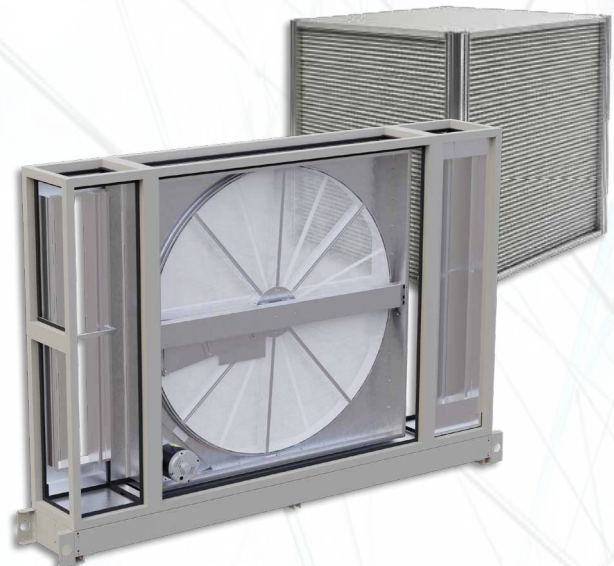
With fewer moving parts and minimal copper, these motors offer **extended service life, reduced maintenance and improved sustainability**. Their compact footprint simplifies installation and enhances overall system performance, making them ideal for high-efficiency commercial HVAC applications. Paired with Vision/Skyline's advanced air handling design, they create a smarter and more reliable solution for HVAC systems.



Energy Recovery

Enhance building performance with advanced **energy-recovery technology that captures and transfers heat and moisture between exhaust and incoming air streams**. By reclaiming energy that would otherwise be wasted, optional fixed-plate media or an energy-recovery wheel **reduce the load on heating and cooling systems**, helping facilities operate more efficiently year-round.

These desiccant media options further **improve performance by precisely managing humidity, lowering energy use and reducing operating costs**. This controlled exchange of heat and moisture **supports stable indoor comfort, even in demanding climates or high-ventilation applications**. For building owners and designers prioritizing sustainability, efficiency, and long-term value, these energy-recovery options deliver an environmentally responsible solution that elevates HVAC system performance and occupant comfort.





1 MODULAR DESIGN FLEXIBILITY

- Custom selection and configuration to meet performance and application requirements

2 HEAVY-DUTY BASE RAIL

- Standard base rail (4" to 12")
- Optional single-piece shipping, curb-ready base height options for weather-tight seal
- Lifting lugs facilitate easy rigging

3 STAINLESS STEEL DRAIN PAN

- Double-sloped design prevents standing water and corrosion
- Non-porous surface resists mold, bacteria, and microbial growth for better IAQ
- More durable than coated or plastic pans

4 DOUBLE-WALL CONSTRUCTION

- Improves energy efficiency, reduces load
- Protects insulation and improves IAQ

5 GASKETED FRAME CHANNELS/FOAM-INJECTED PANELS

- Eliminates metal-to-metal contact to minimize air leakage, superior strength
- Promotes high IAQ and long equipment life

6 GAS PHASE AIR CLEANING

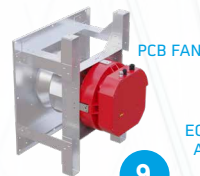
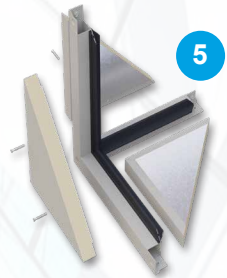
- 80% reduction in outside air requirements
- Up to 40% savings in HVAC energy costs
- Reduces carbon emissions, HVAC load and equipment sizing

7 STATIC AIR BLENDER

- Blends sub-zero air with warm return air to protect coils from freezing
- Maximizes economizer mode using free outdoor air for cooling instead of chillers

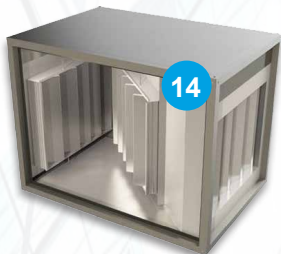
8 VERTICAL EXHAUST/DAMPERS

- Easy duct integration, reduced transitions
- Space-saving discharge for optimum air flow
- Tight damper seals maximize efficiency



9 FAN ARRAY OPTIONS

- Multiple fan configurations provide redundancy, variable speeds reduce operating costs
- PCB stator motors for lighter, quieter, high-efficiency performance - 50% less energy
- EC motors (ECM) eliminate belts, bearing setscrews and increases energy savings
- Shortened supply vertical array reduces footprint



10 ENERGY RECOVERY

- Factory-installed, no field coordination
- Wheel option captures both heat and moisture for high energy savings
- Fixed plate option transfers heat only, low maintenance and no cross-contamination
- 100% OA or economizer configurable
- Winter dehumidifications savings up to 60%

11 20:1 TURNDOWN FURNACE:

- Low air-side pressure drops minimize fan energy use
- Quick, single-point gas connection
- Controls maintain 81%+ higher efficiency throughout the operating range
- Service-accessible cabinet and vestibule

12 EXTENDED COIL AND DRAIN CONNECTIONS

- Saves installation and commissioning costs with quick accessibility
- Reduces maintenance, aids in proper drainage
- Optional piping vestibule for easy access

13 LOW-LEAK CABINET

- Cross-broken top panels eliminate standing water; watertight seams and seals
- Drip shield on all sides and over doors
- Pre-painted frames and panels
- Stainless steel liner option for improved IAQ

14 ANGLED ECONOMIZER

- ASHRAE Standard 62.1 compliant
- Reduces air turbulence and pressure drop
- Optimizes outside air intake for free cooling, lowers chiller runtime costs
- Improves blending of return and outdoor air for more consistent supply air temperatures

15 FILTERS

- Optional basic panel filters to high-efficiency MERV and HEPA filters
- Multi-stage pre-filter/final filter setups for higher performance and low pressure drops
- PCO filtration for gas phase air cleaning

16 ULTRA-VIOLET LIGHTS

- Neutralizes airborne bacteria, viruses and mold spore contaminants
- Prevents microbial contaminants on coils, maintaining cleaner heat transfer surfaces

AIR HANDLERS

COMPLETE, ULTIMATE FLEXIBILITY

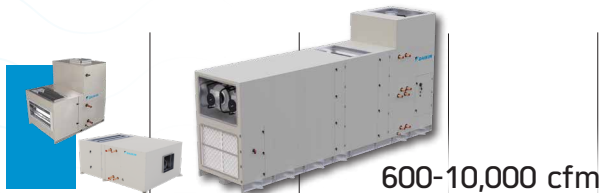
Daikin Applied indoor and outdoor air handlers are used to condition and circulate large volumes of air throughout a space via ductwork and are part of a system using either a chiller with cooled water or a condensing unit in a direct expansion (DX) system.



NAME/MODEL:

PRECISELINE®

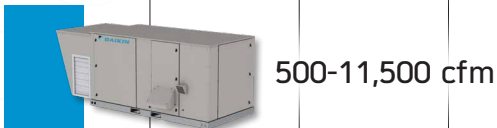
BCV/BCA/BCH
Indoor



600-10,000 cfm

REBEL®

DAH
Outdoor Chilled Water



500-11,500 cfm

REBEL APPLIED®

DAHA
Outdoor



3,000-35,000 cfm

SKYLINE®

OAC/OAH
Outdoor

900-51,000 cfm



VISION®

CAC/CAH
Indoor

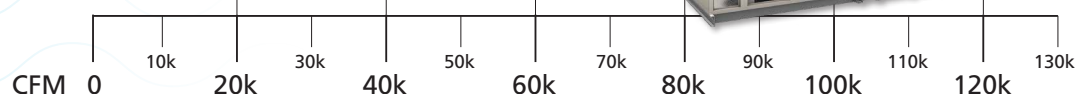
900-84,500 cfm



Custom

CAC/CAH/OAC/OAH
Indoor/Outdoor

900-84,500 cfm



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MUSEUMS
- ▶ GOVERNMENT



HEALTHCARE

Hospitals, clinics, and labs require strict control over air quality, temperature, and humidity to maintain sterile environments and meet regulatory standards. Reliable performance and customizable configurations ensure critical areas like operating rooms and isolation spaces are properly conditioned without compromising on energy efficiency.



OFFICE BUILDINGS

Modern office buildings demand quiet, efficient HVAC systems that can adapt to shifting occupancy and zone requirements. Scalable fan arrays and advanced control options support energy savings and comfort across open-plan spaces, private offices, and shared areas.



EDUCATION

Schools and universities benefit from systems that deliver consistent comfort and low sound levels across classrooms, auditoriums, and administrative areas. Flexible airflow solutions help accommodate diverse building layouts and usage patterns while promoting better indoor air quality for students and staff.



MUSEUMS/GOVERNMENT

Precise environmental control is critical for preserving artifacts, records, and sensitive materials in museums and government facilities. Daikin air handlers deliver consistent airflow, tight temperature and humidity control, and configurable filtration options to protect valuable assets, while robust construction and reliable performance support long-term operation in mission-critical spaces.

MAINTAIN AND REPAIR

PROTECTIVE MAINTENANCE SERVICES

[LEARN MORE](#)



REPAIR SERVICES

Breakdowns happen and when your equipment has an issue, time is of the essence. Call us at 800-432-1342 to get Daikin Service professionals dispatched quickly and minimize downtime. Your local team is backed by nearly 100 years of experience to alleviate undue stress in your operations.

- **24/7 Emergency Service**
- **System Repairs & Assessments**
(Ancillary Equipment: Boilers, Cooling Towers)
- **Equipment Diagnostics**
- **Technical Troubleshooting**
- **Building Automation & Controls**
- **OEM & Generic Parts/Supply**
- **All Equipment Types & Brands**

PREDICTIVE SERVICES

Predictive maintenance services anticipate failures before they happen to mitigate the risk of catastrophic failure. For those who have in-house maintenance capabilities, Daikin Service can also guide your team and be on standby for more complex technical needs with predictive maintenance.

- **Oil & Refrigerant Analysis**
- **Vibration Analysis**
- **System Diagnostics**
- **Eddy Current Testing**
- **Infrared Analysis**
- **Combustion Analysis**
- **IAQ Assessments**
- **Laser Alignments**
- **Bearing Analysis**

PLANNED MAINTENANCE SERVICES

Daikin Applied's service technicians can perform all of the vital maintenance your system needs to ensure your equipment is running at peak efficiency. From proper cleaning to software upgrades and necessary maintenance, our techs will maximize your system to help extend the life of your equipment.

- **Regularly Scheduled Maintenance**
- **Seasonal Startup & Shutdown**
- **System Diagnostics**
- **Condenser Cleaning**
- **Air Filters**
- **On-site System Inspections**

PROACTIVE SERVICES

With proactive maintenance services, we support you with proven experts, offerings and processes to ensure customers get the help they need from a trusted advisor.

- **Building Operations Review**
- **Contingency Planning**



OEM AND GENERIC AFTERMARKET SOLUTIONS

PARTS & SUPPLIES

OEM AND GENERIC AFTERMARKET SOLUTIONS

[LEARN MORE](#)



LOCAL PARTS INVENTORY. LOCAL EXPERTISE.

When you need OEM or generic parts to repair your HVAC system, you need them quickly. Daikin Service has an expansive inventory and a centralized distribution center to get the right parts to you faster than ever before. To mitigate downtime, we have 80 locations (and counting) across North America to help you take care of your critical parts demand.



- ONE-STOP SHOP FOR ALL OEM & GENERIC PARTS
- NATIONAL LOCATION/DISTRIBUTION NETWORK
- CENTRALIZED DISTRIBUTION
- FACTORY-AUTHORIZED REPLACEMENT PARTS
- SAME-DAY SHIPPING ON MOST ORDERS
- EXPERT SUPPORT
- RELIABLE PERFORMANCE
- WALK-IN STORE LOCATIONS
- EXTENDED COMPONENT WARRANTIES (VFDS, COMPRESSORS, MOTORS)

RENTAL SOLUTIONS

KEEPING YOU UP AND RUNNING

[LEARN MORE](#)



CHILLERS | AIR CONDITIONERS | DEHUMIDIFIERS | HEATING | POWER

EMERGENCY RENTALS

When your equipment fails, limiting downtime is mission critical. Daikin Applied provides quick delivery and installation of reliable rental products to help you weather the outage. We're here to help get you back up and running, and can provide a turnkey solution.

- Industry-leading efficiency and proven technology
- 24-hour turnaround on available inventory
- 8-hour average set up with on-site experts
- Comprehensive package, including pumps, flexible water piping connection and electrical hookups

EQUIPMENT FOR PLANNED SITUATIONS

Forming a contingency plan in the event of an outage can help you quickly get operations back to normal and limit financial loss, and help you breathe easier when the unexpected happens. Selecting the right-sized equipment is just one part of the process. The best contingency plans start by assessing and understanding your financial risk, and then using this information to drive the rest of your plan. Our Rental Solutions experts can specify the supplemental cooling system required to support any situation you're experiencing.

- System maintenance
- Building expansion
- Server room heat generation
- Seasonal/staff heat load swings
- Contingency plans

SUPPLEMENTAL CAPACITY

When the demand of your facility or process exceeds your current system's capacity because of record-high temperatures or changes to cooling requirements, Daikin temporary rentals can be used to increase your heating or cooling output. By eliminating the need to purchase additional equipment that might be only used part of the year, you save on capital expenditures.

STANDBY

Standby for critical applications and processes is another efficient use for temporary rental equipment. A temporary system is sometimes used to back up manufacturing and chemical processes, or when a hospital's required system redundancy has been reduced.

COMPLETE HVAC SYSTEM SOLUTIONS

SELF-CONTAINED | ROOFTOPS | COILS | CONDENSING UNITS
AIR HANDLERS | WATER-COOLED CHILLERS | AIR-COOLED CHILLERS
MODULAR CENTRAL PLANTS | DAIKIN BUILDING CONTROLS
UNIT HEATERS | FAN COILS | WATER SOURCE HEAT PUMPS
VARIABLE AIR VOLUME UNITS | UNIT VENTILATORS



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