Catalog 1108-10

Enfinity™ Horizontal Ceiling Water Source Heat Pumps

Model CCH Standard Range
Model CCW Geothermal Range

Unit Sizes 007 – 070 (1/2 to 6 Tons) • R-410A Refrigerant

People and ideas you can trust.™

Category	Code Item	Code Option	Code Designation & Description
Product Category	**01**	**1**	W = Water Source Heat Pump
Product Identifier	**02**	**2-4**	CCH = R410a, Ceiling Mounted, Standard Range CCW = R410a, Ceiling Mounted, Geothermal Range
Design Series (Vintage)	**03**	**5**	4 = D Design 5 = E Design
Nominal Capacity	**04**	**6-8**	007 = 7,000 Btuh Nominal Cooling 009 = 9,000 Btuh Nominal Cooling (Available as CCW Only) 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
Controls	**05**	**9**	B = MicroTech® III Unit Controller C = MicroTech III Unit Controller w/LonWorks® Communication Module D = MicroTech III Unit Controller w/BACnet® Communication Module
Voltage	**06**	**10**	A = 115-60-1 (Sizes 007-009 only) E = 208-230/60/1 J = 265/277-60-1 F = 208-230/60/3 K = 460/60/3* L = 575/60/3 M = 230/50/1 N = 380/50/3
Return Air	**08**	**12**	L = Left R = Right
Discharge Air	**09**	**13**	E = End Discharge S = Straight Discharge
Blower Motor	**10**	**14-15**	03 = Low Static 04 = ECM
Construction Type	**12**	**18**	B = Standard w/2" Filter Rack
Refrigerant	**20**	**33**	A = R410A
Cabinet Electrical	**22**	**35-37**	75VA = 75VA Control Transformer
Color	**24**	**39**	Y = None

Notes: * A 460 volt, 3-phase unit that utilize an ECM fan motor will need a 4-wire WYE voltage supply with 3 hot leads and a neutral wire. To power the ECM motor with neutral and one hot for 277/60/1 voltage to the ECM motor.

Enfinity Horizontal Ceiling Water Source Heat Pumps Sizes 007-070 (1/2 to 6 Tons)

- Model WCCH (Standard Range: 55°F to 110°F)
- Model WCCW (Geothermal Range: 30°F to 110°F)

Daikin Enfinity Horizontal Ceiling units are designed for use in multiple floor apartments, office buildings, hotels, nursing homes and other similar applications.

Enfinity™ water source heat pumps incorporate the best of our past and the best of what's new. Using feedback from building owners, consulting engineers, contractors and service engineers, we designed Enfinity products to give you maximum flexibility to design, install, operate and maintain the ideal water source heat pump system for your building project. And we incorporated non-ozone depleting R-410A refrigerant, which–along with high Energy Efficiency Ratios (EER's)–helps preserve our environment and precious energy resources.

With Daikin Enfinity Water Source Heat Pumps, you benefit from:

- High efficiency, low operating costs.
- Easy, low cost design and installation.
- Standard or extended range/geothermal application flexibility.
- Superior indoor air quality.
- Quiet, reliable operation.
- Easy, low-cost maintenance and service.
- Available in multiple unit sizes – 007 (1/2 ton, 2.6kW) through 070 (6 ton, 10.6kW)
- Units exceed ASHRAE 90.1 efficiency levels
- R-410A Refrigerant, environmentally friendly with zero ozone depletion potential
- Cupro-nickel Coaxial Coil
- Optional extended 4-year parts warranty

Enfinity Horizontal Ceiling Water Source Heat Pumps
Sizes 007-070 (1/2 to 6 Tons)

- Model WCCH (Standard Range: 55°F to 110°F)
- Model WCCW (Geothermal Range: 30°F to 110°F)

1 Fan Section
- Fan section is separated from the compressor section with an insulated divider panel for maximum sound attenuation. A large removable panel provides easy service access to the blower and motor.

2 Cabinet
- Durable, heavy gauge galvanized steel cabinet construction.

3 Removable Access Panels
- Both end and side panels provide easy access to compressor compartment, blower and motor. End panel provides easy access to the unit controls.

4 Blower Motor
- Multi-speed, PSC type with thermal overload protection. The motor is isolated from the fan housing for minimum vibration transmission. Removable orifice ring allows easy removal of blower and motor.

5 *ECM Motor (Optional)
- available in unit sizes 015 to 070. Programmed to make soft starts and stops to reduce stress transmitted to the fan housing. They adjust their speed and torque to deliver constant airflow over a wide range of external static pressure

6 Compressor
- Mounted close to the access panel for maximum serviceability and isolated from the bottom panel with rubber isolators. Standard with massplate for quiet operation

7 Piping Connections
- Water connections are FPT water fittings, flush with the outside of the cabinet, allowing easy one-wrench connection of units. The large condensate connection provides for proper condensate removal.

8 MicroTech® III Unit Controller
- Designed for flexibility, the main control board is used in standalone applications. A separate LonWorks® or BACnet® communication module can be easily snapped onto the board to accommodate the building automation system of your choice.

Control Options

- MicroTech III - Standalone
- MicroTech III - LonWorks Communication Module
- MicroTech III - BACnet Communication Module

Enfinity Horizontal Units Available in Five Cabinet Sizes: 007 & 009, 012, 015, 019 & 024, 030 & 036, 042 thru 070*

* Unit Size 009 available as CCW model only.

Cabinet

Daikin Enfinity horizontal water source heat pumps are available in five cabinet sizes, each with the lowest possible profile to conserve space.

Consistencies in shape, connection locations, parts and assemblies throughout the five cabinets make layout, installation and service simple.

- All water and electrical connections are made from the front of the unit.
- A large, lift-up-and-out panel provides easy access to the control box, refrigeration circuit and compressor.
- A second large panel provides easy service access to the compressor.
- A third large panel allows complete service of the blower section while the unit is hanging and without disconnecting the unit from the ductwork.
- Cabinet surfaces are constructed of unpainted, G-60 galvanized steel.
- Panel interiors and the bottom of the unit are covered with 1/2" (12.7 mm) thick, 1½lb. (681g) density, coated, acoustic type glass fiber insulation. Non-fiberous (IAQ) insulation available as selectable option.

Flexible Cabinet Configurations

Daikin Enfinity horizontal heat pumps offer four configurations to meet your space requirements (see figures 1-4). Whether working around obstacles or laying out units down a corridor, the mirror image design of the units lets you configure the system using minimum ductwork and piping. This helps reduce design, material and installation costs.

For maximum flexibility, the fan discharge can exit from the end or side of the unit. This can be configured at the factory or field-converted using interchangeable side and end panels.

Figure 1: Cabinet Configurations – Left Hand

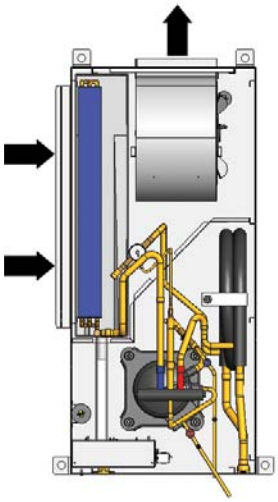


Figure 1 - Left Hand Return with End Discharge

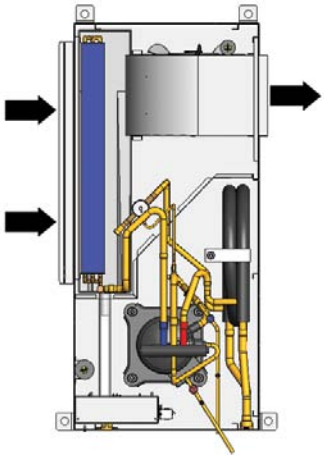


Figure 2 - Left Hand Return with Straight Discharge

Figure 2: Cabinet Configurations – Right Hand

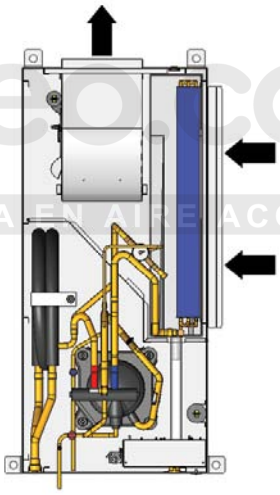


Figure 3 - Right Hand Return with End Discharge

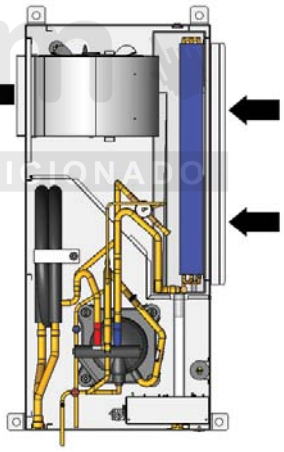


Figure 4 - Right Hand Return with Straight Discharge

Low Design And Installation Costs

- Four configurations for each unit size (left or right return and straight or end discharge) allow you to specify units to fit space requirements and to design the system using minimum ductwork and piping.
- Five cabinet sizes, each with Daikin's low-profile design, make it easy to meet the space requirements of your new construction or replacement application.
- Flush FPT water fittings allow easy, one-wrench connection of units and help reduce delays caused by shipping damage.
- Flexible control options that include standalone or network operation with the building automation system of your choice using LonMark® or Alerton BACnet® communications.

High Energy Efficiency

- High unit EERs result in low operating costs.
- Each unit includes a thermal expansion valve for precise refrigerant flow metering to meet load requirements and increase efficiency at any fluid temperature, including low temperature geothermal applications.
- The coaxial heat exchanger is designed for maximum heat transfer at normal and low water flow rates with minimum pressure drop.
- High efficiency fan motor and low-speed fan operation reduce energy consumption.

Superior Indoor Air Quality

- A standard, corrosion-free plastic drain pan is double-sloped to eliminate standing water and inhibit microbial growth.
- Optional non-fibrous insulation is available for sensitive air quality applications.

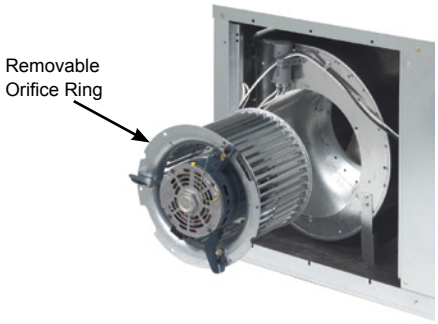
Quiet Operation

- Large fan wheel allows the fan motor to operate at lower speed for quieter operation.
- Heavy gauge cabinet construction and vibration isolated hanger brackets minimize noise and vibration.
- Three quiet compressor selections (depending on voltage and size variations) including rotary (sizes 007 to 015), reciprocating (sizes 019 to 024) and scroll compressors (sizes 030 to 070).
- Standard heavy-gauge steel mass-plate with visco elastic dampening material below the compressor helps reduce noise emission in horizontal ceiling unit sizes 019-070.

Easy, Low-Cost Maintenance

- Easy access to the unit compressor (2-sides), fan and motor (1-side) and controls (end access).
- A removable orifice ring allows the blower and motor to be removed without removing the blower housing or disconnecting the unit from the ductwork.

Figure 3: Removable orifice ring for easy blower and motor removal



R410A Refrigerant

- R-410A refrigerant has zero ozone depletion potential, no scheduled phase-out and is classified in ASHRAE standard 31 as lower toxicity, no flame propagation.

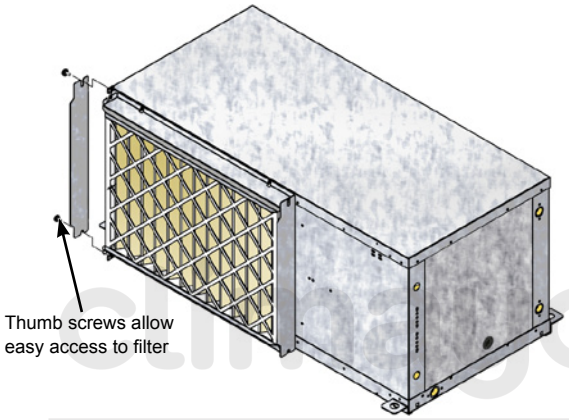
Figure 4: Removable panels provide easy access

Filter Rack

The filter is supported by factory mounted brackets that allow for face removal. Units come standard with a 1" (25.4 mm) thick throwaway filter mounted in a combination filter rack and return air duct collar, thus eliminating field mounted brackets. The filter can be removed from any of the four sides or from the front.

- An optional factory provided 2" filter rack is available where high indoor air quality is required. A 2" construction-type filter is included. The filter rack can be mounted for left hand or right hand filter removal by rotating it 180 degrees. Two thumb screws allow easy removal of the access door for quick filter changes without using a tool.

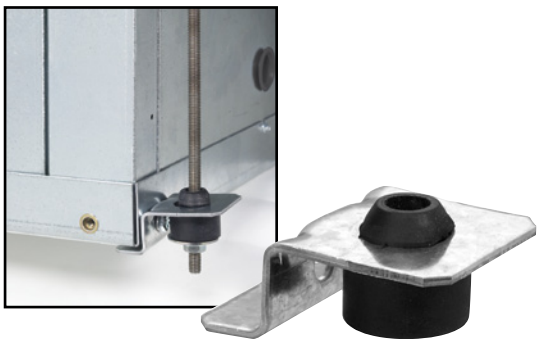
Figure 5: 2" Filter Rack for Easy Filter Removal



Hanger Bracket

Each unit is furnished with a mounting kit that includes four 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.

Figure 6: Unit Hangers



Blower Housing

The blower housing protrudes from the side of the cabinet, allowing adequate material for connection to a flexible duct. For maximum flexibility, the fan discharge can exit from the end or the side of the unit. This can be configured at the factory or can be field-converted before installation, using interchangeable side and end panels.

Figure 7: Fan Housing Protrudes Through the Cabinet for Connection of Flexible Duct

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.

Figure 8: Flush FPT Water Fittings

Electrical

The electrical components are located in the compressor section of the unit. Separate holes are provided on the cabinet to facilitate main power and low voltage control wiring. All wiring connections are made internal to the cabinet to reduce the risk of accidental contact. Each unit is rated to accept time-delay fuses for branch circuit overcurrent protection. Single phase units are also rated for use with HACR circuit breakers.

Drain Pan

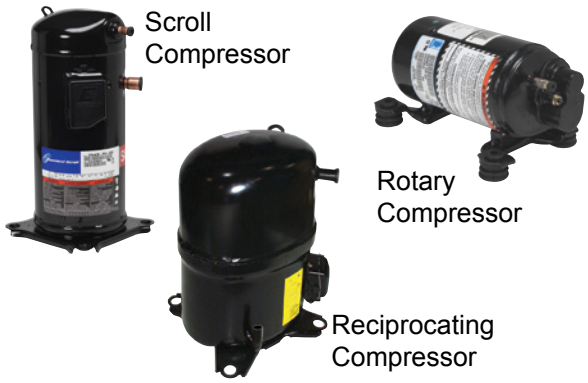
Daikin horizontal heat pumps come standard with a ABS plastic, corrosion-resistant plastic drain pan to promote good indoor air quality. The pan is double sloped for positive draining to reduce the occurrence of standing water and microbial growth.

Figure 9: Corrosion-Resistant, Double-Sloped Plastic Drain Pan

Compressor

Daikin Enfinity water source heat pumps are designed around the most advanced compressors in the industry. A wide variety of compressor types are used to offer the best system design for the dedicated refrigerants and tonnage. This allows Daikin Enfinity water source heat pumps to deliver rated capacity with low noise levels.

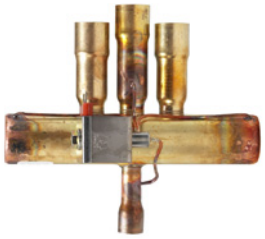
Rotary compressor are used in unit sizes 007 to 015. Unit sizes 019 to 024 use a Reciprocating type compressor. Unit sizes 030 to 070 use a scroll compressor.



Reversing Valve

A 4-way reversing valve is included with all Daikin Enfinity water source heat pumps. The valve is energized in the heating mode and will “fail-safe” to the cooling mode which is the predominant mode of operation for commercial applications.

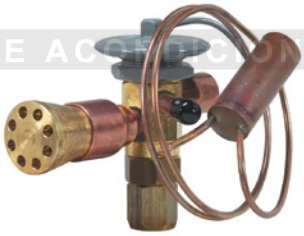
Figure 10: 4-Way Reversing Valve



Thermal Expansion Valve

All Daikin Enfinity water source heat pump units include a thermal expansion valve for refrigerant metering. The Thermal Expansion Valve (TXV) allows the unit to operate at optimum efficiency with fluid temperatures ranging from 30ºF to 110ºF, and entering air temperatures ranging from 40ºF to 90ºF. The TXV precisely meters the exact amount of refrigerant flow through the system to meet the load and deliver rated heating and cooling capacity.

Figure 11: Thermal Expansion Valve (TXV)



Fluid-to-Refrigerant Coil

The copper or cupronickel (optional) tube-in-tube coaxial heat exchanger used in Daikin Enfinity water source heat pumps are designed for maximum heat transfer at normal and low water flow rates with minimum pressure drop. The inside tube is deeply fluted to enhance heat transfer and minimize fouling. All coaxial coils are tested to 400 psig on the water side and 600 psig on the refrigerant side. Geothermal range (CCW) units include coil and piping insulation to protect against condensation in low-temperature geothermal applications.

Figure 12: Coaxial Heat Exchanger

CorMax® Connections

Two CorMax 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.

Figure 13: CorMax Valves

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 500 psig (3447 kPa). The coil is designed for optimal performance in both heating and cooling while maintaining the benefit of a compact size.

Refrigeration System

Units have a coaxial heat exchanger with a copper inner tube and a steel outer tube. The air coil is a large face area coil with copper tubes and aluminum fins. Safety controls include high-pressure and low-temperature switch to lock out compressor operation at extreme conditions. For additional protection, units 015 and larger have 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 the blower housing, wheel, motor and drain pan. It is separated from the compressor section by an insulated divider panel for maximum sound attenuation. The large size of the blower wheel allows it to rotate more slowly, reducing motor work to improve efficiency and provide for quiet operation. 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.

For maximum flexibility, the fan discharge on the horizontal unit can exit from the end or side of the unit. This can be configured at the factory or field-converted using interchangeable side and end panels. Refer to IM 1049.

Blower Motor

The standard blower motor is a multi-speed, Permanent Split Capacitor (PSC) type with thermal overload protection. It is permanently lubricated. The motor is factory wired to maximize performance and efficiency. Unit sizes 019 and larger have a terminal strip on the motor for simple motor speed change without going back to the control box. 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. Optional Electronically Commutated Motor (ECM) in unit sizes 015 to 070 provides soft start, maintains consistent CFM over its static operating range.

Figure 14: High Efficiency Blower Motor

Control Choices And Added Functionality

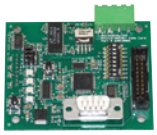
The control box is accessible through the left or right end corner panel. It houses the major operating electrical controls including the MicroTech® III unit controller, transformer, compressor relay and fan relay. Each component is accessible for service or replacement.

Three unique control choices are offered with the MicroTech III unit controller:

- Standalone operation using a MicroTech III unit controller
- MicroTech III unit controller with a LONWORKS® communication module
- MicroTech III unit controller with a BACnet® communication module

Each option features direct quick-connect wiring to all unit-controlled components for “clean” wiring inside the control box. Each control circuit board receives power from a 50 VA transformer.

Table 1: Control Options

Control	Description	Application	Protocol
MicroTech III  (Standalone) Unit Controller.	The MicroTech III unit controller is a standalone microprocessor-based control board conveniently located in the unit control box for accessibility. The board is designed to provide standalone control of a Water Source Heat Pump using a wall thermostat or a wall mounted temperature sensor. Each unit controller is factory programmed, wired, and tested.	Each unit controller is factory programmed, wired, and tested for complete control of single zone, standalone operation of your Daikin Water Source Heat Pump.	Unit-mounted or wall-mounted thermostat
LONWORKS  Communication Module	The MicroTech III unit controller can accept a plug-in LONWORKS communication module to provide network communications and added functionality to easily integrate with an existing BAS. The communication module can be factory- or field-installed and is tested with all logic required to monitor and control the unit.	LONTALK application protocol is designed for units that are integrated into a LONWORKS communication network for centralized scheduling and management of multiple heat pumps.	LONMARK 3.4 Certified
BACnet  Communication Module	The MicroTech III unit controller can accept a plug-in BACnet communication module to provide network communications and added functionality to easily integrate with an existing BAS. The communication module can be factory- or field-installed and is tested with all logic required to monitor and control the unit.	Designed to be linked with a centralized building automation system (BAS) through a BACnet communications network for centralized scheduling and management of multiple heat pumps.	BACnet MS/TP

MicroTech® III Unit Controller

The MicroTech III Unit Controller is a microprocessor-based control board conveniently located in the unit control box for easy access through a removable access panel. The standalone unit controller is a hard wired interface and provides all the necessary field connections. The board can be wired for 24-volt AC output to the wall thermostat by using terminals R & C. An LED annunciator is located on the front corner of the unit chassis to quickly check the operating status of the unit.

MicroTech III Operating Features

Assumes cycle fan operation-not continuous fan operation:

- **Start-up –** The unit will not operate until all the inputs and safety controls are checked for normal conditions.
- **Cooling mode –** On a call for cooling, the compressor and fan will start after the various control timers have expired. If the reversing valve output is energized, the reversing valve output will be de-energized 5 seconds after the compressor has been energized. When the load is satisfied, the compressor and fan shut off.
- **Heating Mode –** On a call for heating, the compressor and fan start after the various control timers have expired. If the reversing valve output is de-energized, the reversing valve output will be energized 5 seconds after the compressor has been energized. When the load is satisfied, the compressor and fan shut off. The reversing valve remains energized.
- **Short Cycle Protection & Random Start –** After power cycle or deactivation of certain alarms, or when leaving the unoccupied mode, a new random compressor start-delay time between 300 and 360 seconds is generated. The random start timer prevents compressors in different units from starting simultaneously. Compressor minimum OFF 360 sec) and compressor minimum ON (180 sec) timers prevent compressor short cycling.
- **Unoccupied Mode –** A simple “grounded” signal between terminals U and C (no power source required), puts the unit into the unoccupied mode for night setback operation.
- **Override Mode –** A switch on the deluxe automatic changeover thermostat can be activated during the unoccupied mode to put the unit back into the occupied mode for two hours for after-hours heating or cooling.
- **Motorized Valve/Pump Restart –** The IV/PR (H8) terminals on the The MicroTech III unit controller are used to energize (open) a motorized valve or start a water pump to get water circulating prior to starting the compressor on call for heating or cooling. The IV/PR (H8) terminal may be “daisy chained” between 200 units.
- **Brownout Protection –** The MicroTech III unit controller measures the input voltage and will suspend compressor and fan operation if the voltage falls below 80% of the unit nameplate rated value. An LED status is generated and an output is available to a “fault” LED at the thermostat.
- **Unit Shutdown –** A simple grounded signal puts the unit into the shutdown mode. Compressor and fan operations are suspended and an LED status is generated.
- **Condensate Overflow Protection –** The MicroTech III unit controller incorporates a liquid sensor at the top of the drain pan. Upon sensing water, cooling and dehumidification operations are suspended and an LED status is generated.
- **Remote Reset of Automatic Lockouts** – The Remote Reset feature provides the means to remotely reset some lockouts generated by high-pressure and/or low-temperature faults. When the MicroTech III unit controller is locked out due to one of these faults, and the cause of the fault condition has been cleared, energizing the O-terminal for 11 seconds or more forces the MicroTech III unit controller to clear the lockout. Cycling unit power also clears a lockout if the conditions causing the fault have been alleviated.
- **Intelligent Alarm Reset –** The Intelligent Reset helps to minimize nuisance trips of automatic lockouts caused by low-temperature faults. This feature clears 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.
- **Equipment Protection Control –** The MicroTech III unit controller receives separate input signals from the refrigerant high-pressure switch and the low suction line temperature sensor. In a high-pressure situation, compressor operation is suspended. In a low temperature situation, the unit goes into a defrost cycle where the unit is put into cooling operation for 60 seconds until the coaxial heat exchanger is free of ice. Each switch generates its own unique LED status and output is available to a “fault” LED at the thermostat if either situation exists. Refer to "Table 3: MicroTech III Controller Status LED's" on page 13.

Note: *Most unit fault conditions are the result of operating the equipment outside the unit specifications.*

Table 2: MicroTech III Controller Configuration Jumper Settings

Baseboard Description	Jumper(s)	Jumper Setting	Function
Normal / Test Mode	JP1	Open	Normal Operation
		Shorted	Service / Test Mode
Fan Operation	JP2	Open	Continuous Fan Operation (On), when not operating in the unccupied mode
		Shorted	Cycling Fan Operation (Auto)
Loop Fluid	JP3 (see warning)	Open	Water freeze protection (factory default setting)
		Shorted	Systems with anti-freeze protection
Alarm "A" Terminal Output Polarity	JP4	Open	Fault de-energizes alarm output to 0VAC.
		Shorted	Fault energizes alarm output to 24VAC.
Room Sensor Setpoint Potentiometer Range	JP5	Open	Short Range: -3 to +3ºF (-1.67 to +1.67ºC)
		Shorted	Long Range: 55 to 95ºF (12.78 to 35ºC)
Thermostat / Room Sensor	JP6	Open	Thermostat Control
		Shorted	Room Sensor Control
Not Used	JP7	Open	–
Not Used	JP8	Open	–

⚠ WARNING

Proper antifreeze/water solution is required to minimize the potential of fluid freeze-up. Jumper JP3 is factory set for water freeze protection with the jumper open. Operation with anti-freeze protection requires JP3 to be field configured for the jumper closed. If unit is employing a fresh water system (no anti-freeze protection), it is extremely important that JP3 jumper setting remains in the open position (factory default setting) in order to shut down the unit at the appropriate water temperature to protect your heat pump from freezing. Failure to do so can result in unit damage and fluid leaks."

Table 3: MicroTech III Controller Status LED's

Description	Type*	Yellow	Green	Red
Emergency Shutdown	Mode	OFF	Flash	OFF
Low Voltage Brownout	Fault	OFF	Flash	OFF
Compressor #1 High Pressure (HP1)	Fault	OFF	OFF	Flash
Compressor #1 Low Pressure (LP1)	Fault	OFF	OFF	ON
Compressor #1 Low Suction Temp (LT1) Sensor Fail	Fault	Flash	Flash	ON
Compressor #1 Low Suction Temp (LT1)	Fault	Flash	OFF	OFF
Room Temp Sensor Fail (with Room Sensor Control Only)	Fault	Flash	Flash	ON
Condensate Overflow (Cooling & Dehumidification Modes Only)	Fault	ON	OFF	OFF
Low Entering Water Temp (Heating Compressor Inhibit; No Display with Boilerless EH)	Fault	Flash	OFF	Flash
Serial EEPROM Corrupted	Fault	ON	ON	ON
Service Test Mode Enabled	Mode	Flash	Flash	Flash
Unoccupied Mode	Mode	ON	ON	OFF
Occupied, Bypass, Standby, or Tenant Override Modes	Mode	OFF	ON	OFF

* Mode/Faults are listed in order of priority

MicroTech® III Unit Controller with LonWorks® or BACnet® Communication Module

Each Enfinity Horizontal Water Source Heat Pump can be equipped with a LonWorks or BACnet communication module. The LonWorks module is LonMark 3.4 certified and designed to communicate over a LonWorks communications network to a Building Automation System (BAS). The BACnet module is designed to communicate over a BACnet MS/TP communications network to a building automation system. Both controllers are microprocessor-based and can be factory or field-installed.

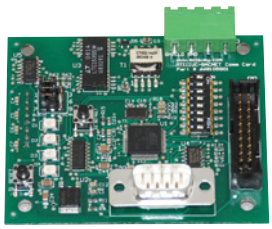
The control modules are programmed and tested with all the logic required to monitor and control the unit. Optional wall sensors may be used with the communication modules to provide limited local control of the Horizontal Water Source Heat Pump. The MicroTech III unit controller monitors water and air temperatures and passes information to the communication module. The module communicates with the BAS, to provide network control of the Water Source Heat Pump.

MicroTech III LonWorks Communication Module

The LonWorks communication module is designed for units that are integrated into a LonWorks communication network for centralized scheduling and management of multiple heat pumps.

MicroTech III BACnet Communication Module

Designed to be linked with a centralized building automation system (BAS) through a BACnet communications network for centralized scheduling and management of multiple heat pumps.



MicroTech III Unit Controller with Communication Modules Features

The MicroTech III Unit Controller with LonWorks or BACnet Communication Module orchestrates the following unit operations:

- Enable heating and cooling to maintain space temperature setpoint based on a room sensor setting
- 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

An on-board status LED indicates the status of the MicroTech III LonWorks or BACnet module.

The MicroTech III unit controller with communication module includes:

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

⚠ CAUTION

When an optional wall-mounted room temperature sensor is connected to the unit controller, the Return Air Temperature (RAT) sensor must not be installed. A wall-mounted room temperature sensor and the return air temperature sensor must not be connected simultaneously or the unit will not operate properly.

The communication modules provide network access to setpoints for operational control

Available wall sensors include:

- Room sensor
- Room sensor with LED status and tenant override button
- Temperature sensor with LED status, timed-override button, and ±3°F setpoint adjustment
- Room sensor with LED status, timed-override button, 55° to 95°F setpoint adjustment

Typical Horizontal Unit Installation

Unit Location

It is important to leave enough space for service personnel to perform maintenance or repair. Locate the horizontal unit to allow for easy removal of the filter and access panels. Allow a minimum of 18" (46 cm) clearance on each side of the unit for service and maintenance access and do not install the unit above any piping. Always be sure to leave at least one side of the filter rack unobstructed so that the service personnel will be able to slide the filter out. Each unit is suspended from the ceiling by four 3/8" threaded rods fastened to the unit by a hanger bracket and rubber isolator. The design should place the unit directly below the structural members so that it is securely anchored.

Avoid installing units directly above spaces where building occupants will reside (e.g. above office desks or classrooms) to reduce the requirement for noise attenuation. Do not place units above high traffic areas because service access may be limited during occupied hours. For example, units are typically installed above the hallway drop ceiling in Schools and the supply and return air is routed directly into classrooms. Local code may require fire dampers to be used with this application.

Piping

The WSHP unit is typically connected to the supply/return piping using a “reverse return” piping system which includes a flow control device so that flow requirements are met for each zone. A short, high pressure “flexible hose” is used to connect the unit to the building’s hard piping and acts as a sound attenuator for both the unit operating noise and hydraulic pumping noise. One end of the hose has a swivel fitting to facilitate removal of the unit for replacement or service. Include supply and return shutoff valves in the design to allow removal of a unit without the need to shut down the entire heat pump system. The return valve may be used for balancing and will typically have a “memory stop” so that it can be reopened to the proper position for the flow required. Fixed flow devices are commercially available and can be installed to eliminate the need for memory stop shut off valves. Include Pressure / Temperature ports to allow the service technician to measure water flow and unit operation.

Condensate Drain Piping

Condensate piping can be made of steel, copper or PVC pipe. In most cases, PVC pipe eliminates the need to wrap insulation around the pipe to prevent sweating. A threaded, factory supplied condensate fitting allows the connection of PVC, flexible vinyl hose or steel braided hose.

The condensate piping must be trapped at the unit and pitched away from the unit not less than 1/4" 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.

Figure 15: Typical Ceiling Installation

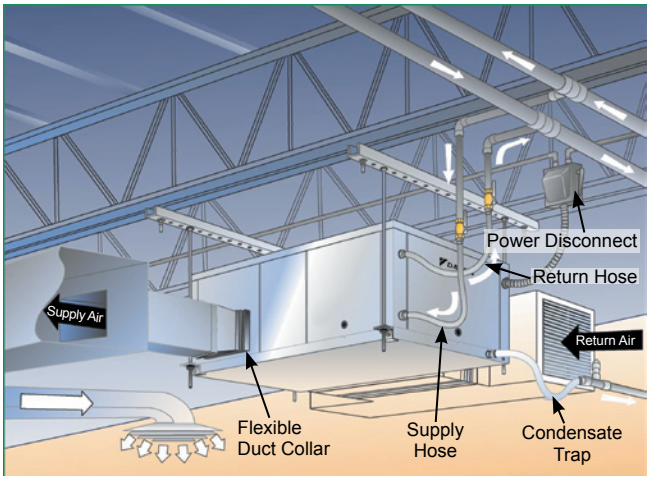
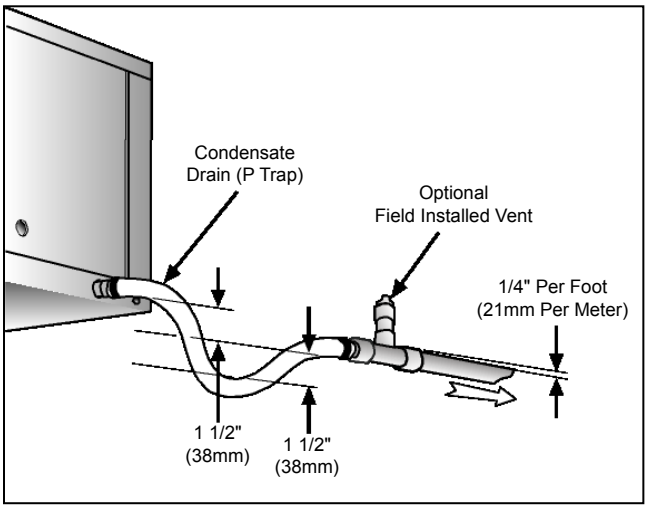


Figure 16: Typical Condensate Piping



Ductwork & Sound Attenuation

Ductwork is normally applied to ceiling-mounted heat pumps on the discharge side of the unit. A discharge collar is provided on all horizontal unit models for fastening the ductwork. Use a flexible connector between the discharge collar and the duct transformation to help reduce vibration transmission from the cabinet and to simplify disconnection of the unit from the ceiling ductwork. If return ductwork is to be used, attach a flexible connector to the filter rack collar to help reduce vibration transmission and removal of the unit. Return plenum ducting should be at least 12 inches away from the coil so that the coil is evenly loaded with return air.

As a general recommendation, duct interiors should have an acoustic / thermal lining at least 1/2 inch thick over the entire duct run. For better sound attenuation, line the last five diameters of duct before each register with a one-inch thick sound blanket. Elbows, tees and dampers can create turbulence or distortion in the airflow. Place a straight length of duct, 5 to 10 times the duct width, before the next fitting to smooth out airflow. Diffusers that are located in the bottom of a trunk duct can also produce noise. For this same reason, volume control dampers should be located several duct widths upstream from an air outlet.

For Hotel, Motel, Dormitory or Nursing Home applications that use a single duct discharge, a velocity of 500 to 600 fpm is suggested. These applications typically have static pressures as low as 0.05 inches of water and duct lengths approximately six feet in length. The discharge duct must be fully lined and have a square elbow without turning vanes. Return air for these applications should enter through a “low” sidewall filter grille and route up the stud space to a ceiling plenum. For horizontal heat pumps mounted from the ceiling, an insulated return plenum is sometimes placed at the return air opening to further attenuate line-of-sight sound transmission through return openings.

Figure 17: Suggested Supply Ducting per ASHRAE and SMACNA Publications

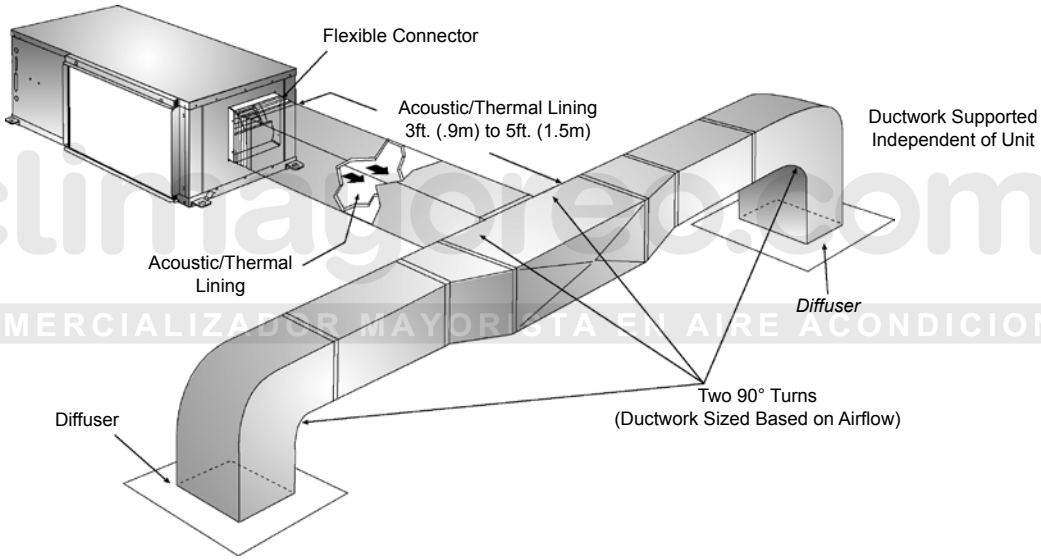
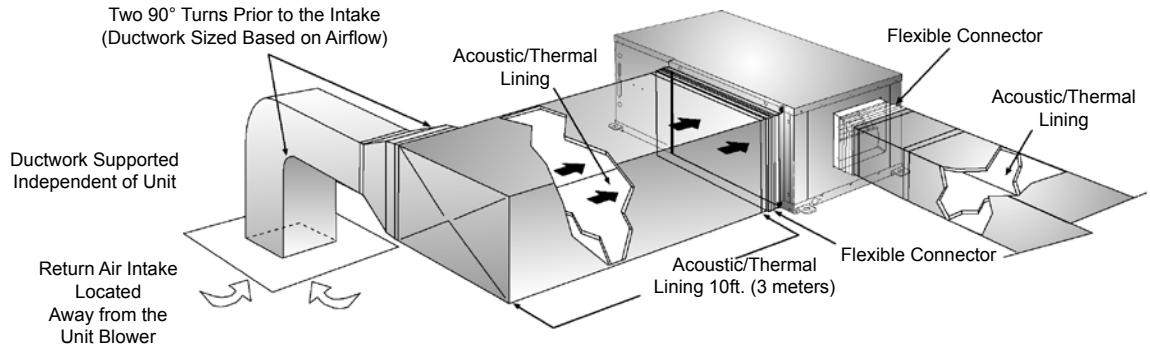


Figure 18: Suggested Return Ducting per ASHRAE and SMACNA Publications

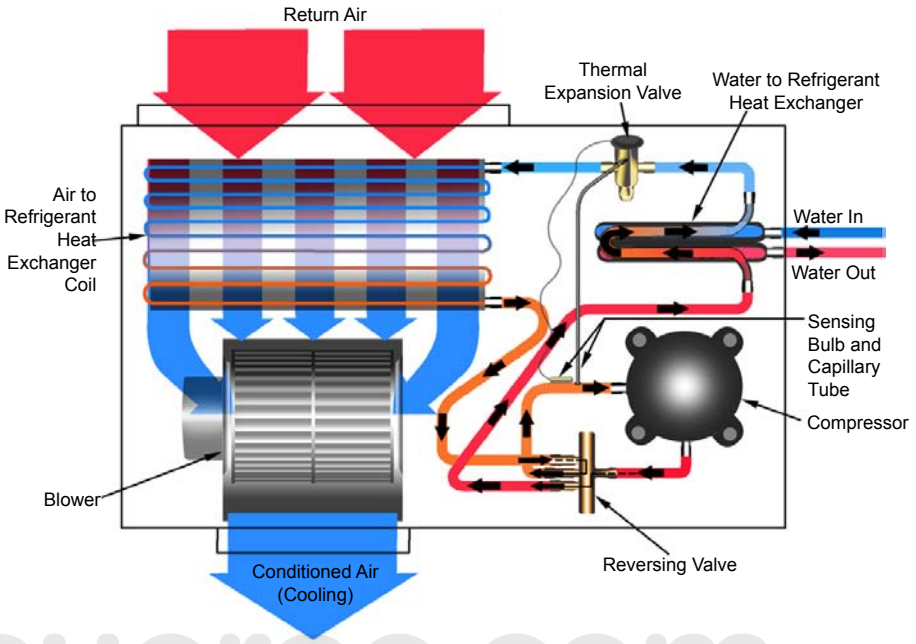


Typical Cooling and Heating Refrigeration Cycles

Note: For standard heat pump operation only

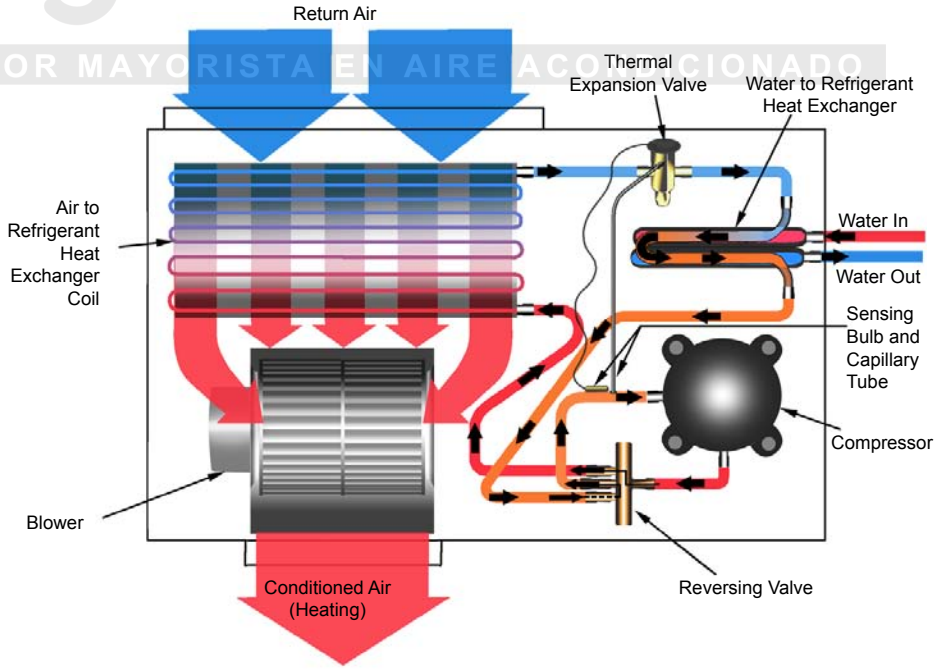
Cooling Refrigeration Cycle

When the wall thermostat calls for COOLING, the reversing valve directs the flow of the refrigerant, a hot gas, from the compressor to the water-to-refrigerant heat exchanger. There, the heat is removed by the water, and the hot gas condenses to become a liquid. The liquid then flows through a thermal expansion valve to the air-to-refrigerant heat exchanger coil. The liquid then evaporates and becomes a gas, at the same time absorbing heat and cooling the air passing over the surfaces of the coil. The refrigerant then flows as a low pressure gas through the reversing valve and back to the suction side of the compressor to complete the cycle.



Heating Refrigeration Cycle

When the wall thermostat calls for HEATING, the reversing valve directs the flow of the refrigerant, a hot gas, from the compressor to the air-to-refrigerant heat exchanger coil. There, the heat is removed by the air passing over the surfaces of the coil and the hot gas condenses and becomes a liquid. The liquid then flows through a thermal expansion valve to the water-to-refrigerant heat exchanger. The liquid then evaporates and becomes a gas, at the same time absorbing heat and cooling the water. The refrigerant then flows as a low pressure gas through the reversing valve and back to the suction side of the compressor to complete the cycle.



Systems

Water source heat pump systems are one of the most efficient, environmentally friendly systems available for heating and cooling buildings. High-efficiency, self contained units (sizes 7,000 btuh to 290,000 btuh) can be placed in virtually any location within a building. Each unit responds only to the heating or cooling load of the individual zone it serves. This permits an excellent comfort level for occupants, better control of energy use for building owners and lower seasonal operating costs. The Air-Conditioning Refrigeration Institute (ARI) and the International Standards Organization (ISO) publish standards so that water source heat pumps are rated for specific applications. The ARI/ISO loop options shown in this catalog are typical water source heat pump loop choices available in today's market. These systems offer benefits ranging from low cost installation to the highest energy efficiency available in the market today.

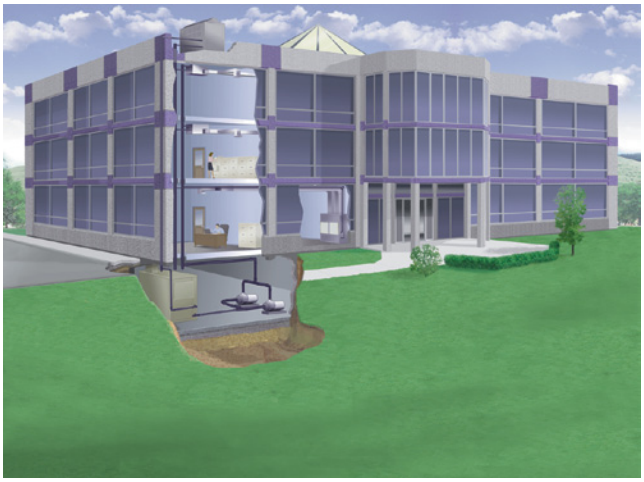
Boiler / Tower Applications

AHRI 320/ISO 13256-1

A "Boiler/Tower" application uses a simple two-pipe water circulating system that adds heat, removes heat or transfers rejected heat to other units throughout the building. The water temperature for heating is generally maintained between 65ºF – 70ºF and is usually provided by a natural gas or electric boiler located in a mechanical room. The condensing water temperature, during cooling months, is maintained between 85ºF and 95ºF and requires the use of a cooling tower to dissipate waste heat. Cooling towers can be located on the roof, or inside or adjacent to the building. This application can be the lowest cost of the loop options available.

Note: ASHRAE 90.1 standards require that circulating pumps over 10 HP will require use of "variable frequency drive" equipment and pipe insulation to be used whenever water temperatures are below 60 degrees and above 105 degrees. See ASHRAE 90.1 Standards for details.

Figure 19: Boiler/Tower Application

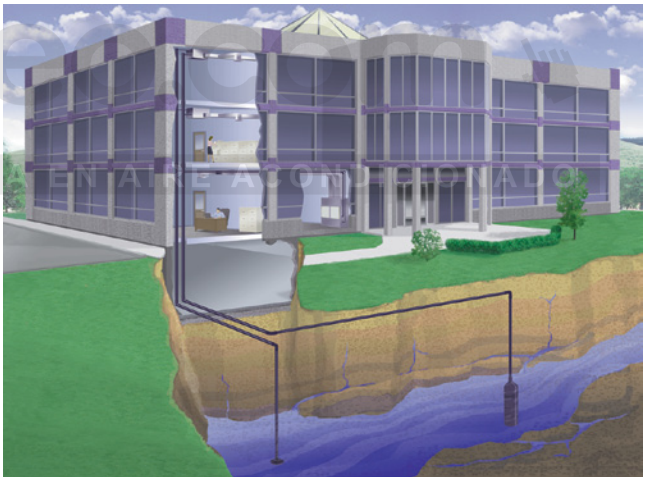


Open Loop Well Water Applications

AHRI 325/ISO 13256-1

"Open Loop" well water systems use ground water to remove or add heat to the interior water loop. The key benefit of an open loop system is the constant water temperature, usually 50ºF to 60ºF, which provides efficient operation at a low first cost. Most commercial designers incorporate a heat exchanger to isolate the building loop from the well water. Using heat exchangers can reduce maintenance issues while still allowing the transfer of heat from unit to unit as with the "Boiler/Tower System". A successful design provides an ample amount of groundwater (approximately 2 GPM per ton) and adequate provisions for discharging water back to the aquifer or surface. Open Loop applications are commonly used in coastal areas where soil characteristics allow reinjection wells to return the water back to the aquifer. Note that some states have requirements on the depths of return water reinjection wells, and such wells must be approved by the United States Environmental Protection Agency. Also, bad water quality can increase problems with heat exchanger scaling. Suspended solids can erode the heat exchanger. Strainers can be used to contain suspended solids.

Figure 20: Open Loop Well Application

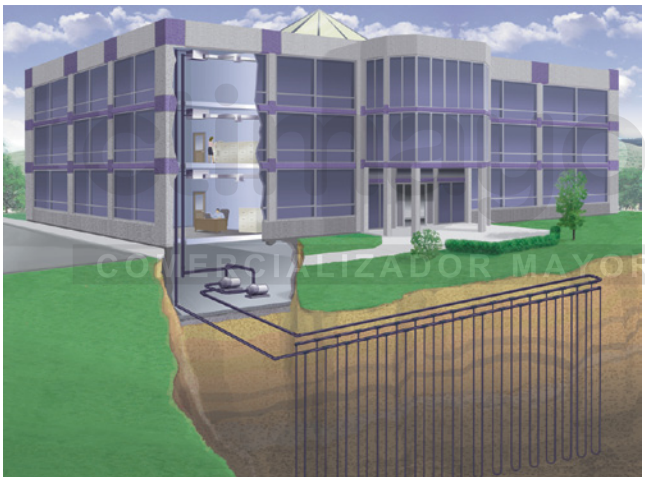


Closed Loop Geothermal Applications

AHRI 330/ISO 13256-1

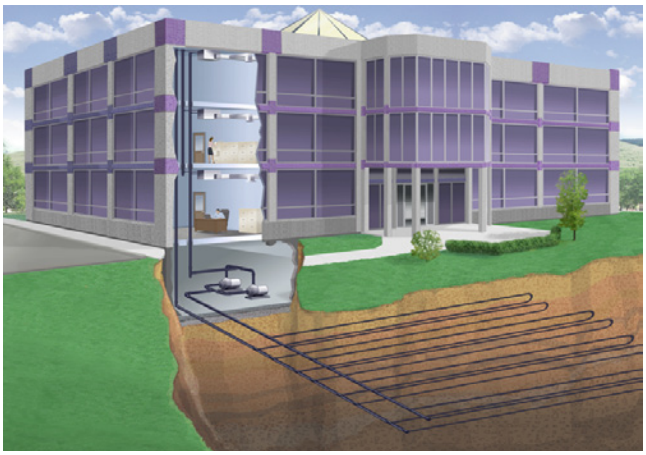
"Vertical Closed Loop" applications are installed by drilling vertical bore holes into the earth and inserting a plastic polyethylene supply/return pipe into the holes. The vertical wells are connected in parallel reverse return fashion to allow the water from the building to circulate evenly throughout the borefield. The circulating fluid dissipates heat to the ground in a similar manner as a "tower" and adds heat back to the loop like a boiler. If properly designed, the loop field can maintain the loop temperatures necessary to condition the building without the use of a boiler or a tower. Loop temperatures usually range from 37ºF to 95ºF in Northern climates. Southern applications can see temperatures ranging from 40ºF to 100ºF. The number of bore holes and their depth should be determined by using commercial software that is specifically designed for vertical geothermal applications. Typical bore depths of a vertical loop range from 150 to 400 feet and generally require about 250 feet of surface area per ton of cooling.

Figure 21: Vertical Loop Application



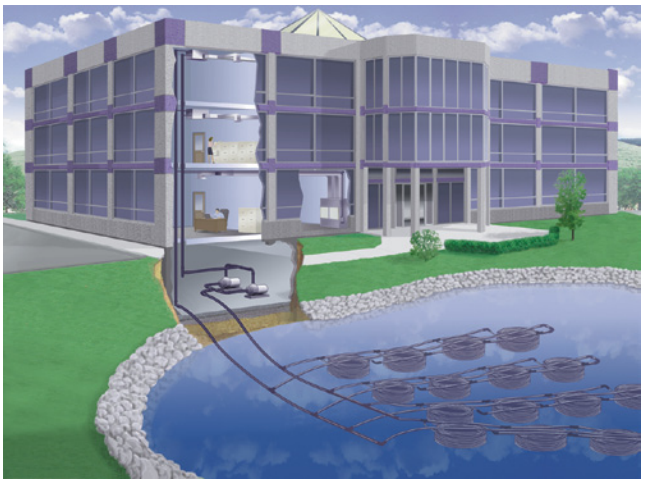
A closed loop "Horizontal" geothermal application is similar to a vertical loop application with the exception that the loops are installed in trenches approximately 5 feet below the ground surface. The piping may be installed using a "four-pipe" or "six-pipe" design and could require 1,500 to 2,000 square feet of surface area per ton of cooling. Loop temperatures for a commercial application can range from 35ºF to 95ºF in Northern climates. Southern climates can see temperatures ranging from 40ºF to 100ºF. Horizontal loops are generally not applied in urban areas because land use and costs can be prohibitive. New advances in installation procedures have improved the assembly time of horizontal loops while keeping the first cost lower than a vertical loop.

Figure 22: Horizontal Loop Application



A "Surface Water" or "Lake" closed loop system is a geothermal loop that is directly installed in a lake or body of water that is near the building. In many cases, the body of water is constructed on the building site to meet drainage or aesthetic requirements. Surface loops use bundled polyethylene coils that are connected in the same manner as a vertical or horizontal loop using a parallel reverse return design. The size and the depth of the lake is critical. Commercial design services should be used to certify that a given body of water is sufficient to withstand the building loads. Loop temperatures usually range from 35ºF to 90ºF and prove to be the best cooling performer and lowest cost loop option of the three geothermal loops. Some applications may not be good candidates due to public access or debris problems from flooding.

Figure 23: Surface Water Loop Application



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 SelectTools™ software selection program for Water Source Heat Pumps can be used to provide fast, accurate and complete selections of all Daikin water source heat pump products. SelectTools software is available by contacting your local Daikin Representative.

While we recommend that you use Daikin SelectTools software for all unit selections, manual selections can be accomplished using the same zone load information and the capacity tables available in this catalog.

Boiler / Tower Application Manual Selections

The following example illustrates a typical selection for a zone in a boiler/tower system for a commercial building.

A building load program determines that this zone needs 38,255 BTUH of total cooling, 31,832 BTUH of sensible cooling and 36,988 BTUH of total heating. The water temperatures for the boiler/tower system are 90°F for cooling and 70°F for heating. The return air temperature is 80ºF dry bulb with 67°F wet bulb for cooling and 70°F for heating.

Zone requirements:

Total Cooling Load	=	38,255 BTUH
Sensible Cooling Load	=	31,832 BTUH
Total Heating Load	=	36,988 BTUH
Air Flow Required	=	1510 CFM
Return Air Cooling	=	80°FDB/ 67°FWB
Return Air - Heating	=	70°FDB

Since a Daikin Model CCH 036 produces approximately 36,000 BTUH of cooling, it is not sufficient for this zone and a model CCH 042 should be considered. Model CCH is chosen because it is specifically designed for a boiler/tower application. Typical water flow rates for boiler/tower applications are 2.0 to 2.5 GPM per ton and in this example no antifreeze is used.

Selection:

Model.....CCH 042 (Boiler / Tower model)

Total Cooling Capacity @ 90° EWT	=	40,816 BTUH
Sensible cooling capacity @ 90° EWT	=	32,704 BTUH
Total Heating Capacity @ 70° EWT	=	52,019 BTUH
CFM = 1510 @ .5 ESP (Wet Coil)		
Water Flow required to meet capacity	=	8 GPM
Water Pressure drop	=	6.9 (FT. H2O)

Final Selection.....CCH 042

Geothermal Applications

The following example illustrates the same zone in a geothermal application.

The load requirements for the zone are the same as the previous example – 38,255 BTUH of total cooling and 31,832 BTUH of sensible cooling and 36,988 BTUH of heating. Geothermal loop software programs are available to help determine the size of the loop field based on:

- Desired entering water temperatures for the system.
- Specific acreage available for the loop which produces specific min/max loop temps for the unit selection.

Entering water temperatures for geothermal systems can be as high as 90º to 100ºF and as low as 30ºF based on the geographical location of the building. Water flow rates are typically 2.5 to 3 GPM per ton and the use of antifreeze is required in most northern applications.

Zone requirements:

Total Cooling Load	=	38,255 BTUH
Sensible Cooling Load	=	31,832 BTUH
Total Heating Load	=	36,988 BTUH
Air Flow Required	=	1510 CFM
Return Air Cooling	=	80° DB / 67 WB
Return Air - Heating	=	70° DB

A Daikin Model CCW is chosen for this geothermal application. Model CCW offers insulated water piping for condensation considerations and a different freezestat setting to allow entering water temperatures lower than 40ºF (with antifreeze). Output capacities should be recalculated using the antifreeze correction tables that are shown on page 80. The Model CCW 042 is first considered but may not meet the heating load because of the reduced entering water temperatures (35ºF) and an antifreeze solution of 21% propylene (see page 50).

Selection:

Model.....CCW 042 (Geothermal model)

Total cooling capacity @ 100 EWT= 40,434 BTUH x .980 = 39,625

Sensible cooling capacity @ 100 EWT = 32,164 BTUH x .980 = 31,520

Total heating capacity @ 35 EWT = 38,335 BTUH x .975 = 37,377 CFM = 1510 @ .6 ESP (Dry Coil)

Water Flow required to meet capacity = 10.8 GPM

Water Pressure drop = 12.7 x 1.5 = 14.61 (FT. H2O)

Final Selection.....CCW 042

Note: In applications where the zone may be a corner office or have excessive glass area, the heating load could be greater than the heating output capacity of the CCW 042 model (say 41,985 BTUH). The choices are to upsize the unit to the next model available (048), or add an electric duct heater to supplement the output of the 042 unit.

Water Loop

Rated in Accordance with ISO Standard 13256-1

PSC & ECM Motor

In English (IP) Units				PSC Fan Motor				ECM EON 5.0 Fan Motor			
Enfinity Horizontal				Cooling		Heating		Cooling		Heating	
				EWT 86°F		EWT 68°F		EWT 86°F		EWT 68°F	
Unit Size	Airflow CFM	Fluid Flow Rate GPM	Voltages	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
007	300	2.2	115-60-1	8000	11.8	10700	4.2	n/a	n/a	n/a	n/a
			208/230-60-1								
009	300	2.3	115-60-1	8800	12.9	11800	4.6	n/a	n/a	n/a	n/a
			208/230-60-1								
012	400	3.0	208/230-60-1	12900	12.7	15800	4.3	n/a	n/a	n/a	n/a
			265/277-60-1								
015	500	3.8	208/230-60-1	15500	16.0	18000	5.2	16000	17.6	18100	5.6
			265/277-60-1	15100	16.0	17200	5.2	15600	17.6	17200	5.6
019	630	5.3	208/230-60-1	21000	14.9	23600	4.8	20900	15.7	23700	5.1
			265/277-60-1								
024	800	6.2	208/230-60-1	24700	14.4	28400	4.7	24700	14.7	28500	4.9
			265/277-60-1								
			208/230-60-3								
			460-60-3								
030	1000	7.6	208/230-60-1	30400	15.3	36200	5.0	30500	15.9	36100	5.3
			265/277-60-1								
			208/230-60-3								
			460-60-3								
036	1200	9.0	208/230-60-1	35800	15.2	42500	4.9	36000	16.0	42400	5.2
			265/277-60-1								
			208/230-60-3								
			460-60-3								
042	1400	10.7	208/230-60-1	43000	15.0	50700	5.0	43000	15.5	51600	5.2
			208/230-60-3								
			460-60-3								
			575-60-3								
048	1600	12.3	208/230-60-1	48400	14.1	57100	4.7	48700	15.6	57700	5.2
			208/230-60-3								
			460-60-3								
			575-60-3								
060	2000	15.2	208/230-60-1	59500	14.6	69400	4.9	59700	15.5	69300	5.2
			208/230-60-3								
			460-60-3								
			575-60-3								
070*	2330	18.0	208/230-60-3	n/a	n/a	n/a	n/a	71300	12.7	88100	4.2
			460-60-3								
			575-60-3								

1. Cooling capacity is based on 80.6°F db, 66.2°F wb (27/19°C) EAT and 86°F (30°C) EWT.
2. Heating capacity is based on 68°F db, 59.0°F wb (20/15°C) EAT and 68°F (20°C) EWT.

Ground Loop

Rated in Accordance with ISO Standard 13256-1

PSC & ECM Motor

In English (IP) Units				PSC Fan Motor				ECM EON 5.0 Fan Motor			
Enfinity Horizontal				Cooling		Heating		Cooling		Heating	
				EWT 86°F		EWT 68°F		EWT 86°F		EWT 68°F	
Unit Size	Airflow CFM	Fluid Flow Rate GPM	Voltages	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
007	300	2.2	115-60-1	8900	14.4	7100	3.1	n/a	n/a	n/a	n/a
			208/230-60-1								
009	300	2.3	115-60-1	9200	14.8	7400	3.3	n/a	n/a	n/a	n/a
			208/230-60-1								
012	400	3.0	208/230-60-1	13900	1500.0	10400	3.1	n/a	n/a	n/a	n/a
			265/277-60-1								
015	500	3.8	208/230-60-1	16700	18.7	11400	3.7	17200	20.8	11500	4.0
			265/277-60-1	16300	18.7	11400	3.5	16800	20.8	11500	3.8
019	630	5.3	208/230-60-1	22600	17.3	14700	3.6	22600	18.4	14800	3.8
			265/277-60-1								
024	800	6.2	208/230-60-1	26300	16.6	18000	3.6	26300	17.0	18100	3.7
			265/277-60-1								
			208/230-60-3								
			460-60-3								
030	1000	7.6	208/230-60-1	31500	17.7	23100	3.6	31600	18.4	23000	3.8
			265/277-60-1								
			208/230-60-3								
			460-60-3								
036	1200	9.0	208/230-60-1	37800	17.7	28400	3.6	38000	18.8	28700	3.8
			265/277-60-1								
			208/230-60-3								
			460-60-3								
042	1400	10.7	208/230-60-1	44500	17.1	33900	3.7	44100	71.9	34600	3.8
			208/230-60-3								
			460-60-3								
			575-60-3								
048	1600	12.3	208/230-60-1	50200	16.1	38400	3.5	50600	18.2	39300	3.9
			208/230-60-3								
			460-60-3								
			575-60-3								
060	2000	15.2	208/230-60-1	61500	16.8	47500	3.7	61700	17.9	48000	3.9
			208/230-60-3								
			460-60-3								
			575-60-3								
070*	2330	18.0	208/230-60-3	n/a	n/a	n/a	n/a	73800	14.3	59300	3.3
			460-60-3								
			575-60-3								

1. Cooling capacity is based on 80.6°F db, 66.2°F wb (27/19°C) EAT and 77°F (25°C).
2. Heating capacity is based on 68°F db, 59.0°F wb (20/15°C) EAT and 32°F (0°C).

Ground Water

Rated in Accordance with ISO Standard 13256-1

PSC & ECM Motor

In English (IP) Units				PSC Fan Motor				ECM EON 5.0 Fan Motor			
Enfinity Horizontal				Cooling		Heating		Cooling		Heating	
				EWT 86°F		EWT 68°F		EWT 86°F		EWT 68°F	
Unit Size	Airflow CFM	Fluid Flow Rate GPM	Voltages	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
007	300	2.2	115-60-1	10200	20.1	9100	3.8	n/a	n/a	n/a	n/a
			208/230-60-1								
009	300	2.3	115-60-1	10800	21.8	9800	4.1	n/a	n/a	n/a	n/a
			208/230-60-1								
012	400	3.0	208/230-60-1	14700	19.2	13300	3.7	n/a	n/a	n/a	n/a
			265/277-60-1								
015	500	3.8	208/230-60-1	17700	25.0	14600	4.4	18200	29.3	14700	4.7
			265/277-60-1	17200	25.0	14600	4.4	17600	29.3	14700	4.7
019	630	5.3	208/230-60-1	25400	23.6	19800	4.4	25300	25.0	19900	4.6
			265/277-60-1								
024	800	6.2	208/230-60-1	29600	22.8	23500	4.3	29600	23.5	23600	4.4
			265/277-60-1								
			208/230-60-3								
			460-60-3								
030	1000	7.6	208/230-60-1	33500	22.8	29500	4.2	33600	23.9	29500	4.6
			265/277-60-1								
			208/230-60-3								
			460-60-3								
036	1200	9.0	208/230-60-1	40700	23.2	36000	4.4	40900	25.0	35900	4.5
			265/277-60-1								
			208/230-60-3								
			460-60-3								
042	1400	10.7	208/230-60-1	47500	22.1	42200	4.3	47000	22.7	42800	4.5
			208/230-60-3								
			460-60-3								
			575-60-3								
048	1600	12.3	208/230-60-1	54200	20.7	48100	4.4	54600	24.1	48700	4.6
			208/230-60-3								
			460-60-3								
			575-60-3								
060	2000	15.2	208/230-60-1	61200	20.5	59300	4.1	61300	22.1	59200	4.7
			208/230-60-3								
			460-60-3								
			575-60-3								
070*	2330	18.0	208/230-60-3	n/a	n/a	n/a	n/a	77600	17.7	73400	3.8
			460-60-3								
			575-60-3								

1. Cooling capacity is based on 80.6°F db, 66.2°F wb (27/19°C) EAT and 59°F (15°C) EWT.
2. Heating capacity is based on 68°F db, 59.0°F wb (20/15°C) EAT and 50°F (10°C) EWT.

Table 4: Size 007 - 024

Unit Size		007	009*	012	015	019	024
Fan Wheel - D x W		6.3" x 6.0"	6.3" x 6.0"	6.2" x 7.4"	9.5" x 7.1"	9.5" x 7.1"	9.5" x 7.1"
Fan Motor Horsepower		1/8	1/8	1/8	1/6	1/3	1/3
Coil Face Area (Sq. Ft.)		0.97	1.11	1.53	2.75	2.75	2.75
Coil Rows		3	3	4	3	3	3
Refrigerant Charge (Oz.)		17	19	31.5	43	45	40.5
Filters	1" Filter, (Qty.) Size	(1) 10"H x 20"W	(1) 10"H x 20"W	(1) 10"H x 26"W	(1) 18"H x 24"W	(1) 18"H x 24"W	(1) 18"H x 24"W
	2" Filter, (Qty.) Size	(1) 9.5"H x 21.5"W	(1) 9.5"H x 21.5"W	(1) 9.5"H x 27.5"W	(1) 18"H x 25"W	(1) 18"H x 25"W	(1) 18"H x 25"W
Water Connections, Female NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Condensate Connections, Female NPT		3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.
Weight, Operating (Lbs.)		98	99	115	195	195	195
Weight, Shipping (Lbs.)		130	130	145	214	214	214

***** Unit Size 009 available as CCW model only.

Table 5: Size 030 - 070

Unit Size		030	036	042	048	060	070
Fan Wheel - D x W		9.5" x 7.1"	9.5" x 7.1"	12.9" x 11.1"	12.9" x 11.1"	12.9" x 11.1"	12.9" x 11.1"
Fan Motor Horsepower		1/3	1/2	1/2	3/4	3/4	3/4
Coil Face Area (Sq. Ft.)		3.43	3.43	3.43	3.43	6.11	6.11
Coil Rows		3	3	3	3	3	3
Refrigerant Charge (Oz.)		48	49	60	61	74	64
Filters	1" Filter, (Qty.) Size	(1) 19"H x 27"W	(1) 19"H x 27"W	(2) 22.5"H x 16"W	(2) 22.5"H x 16"W	(2) 22"H x 22"W	(2) 22"H x 22"W
	2" Filter (Qty.) Size	(1) 18.5"H x 30.5"W	(1) 18.5"H x 30.5"W	(1) 21.5"H x 34.5"W	(1) 21.5"H x 34.5"W	(1) 21.5"H x 46.5"W	(1) 21.5"H x 46.5"W
Water Connections, Female NPT		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Condensate Connections, Female NPT		3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.	3/4" I.D.
Weight, Operating (Lbs.)		225	223	293	298	332	332
Weight, Shipping (Lbs.)		244	242	314	319	351	351

Size 007, 009, 012 – Left Hand Return, End and Straight Discharge

NOTE: *Unit Size 009 available as CCW model only.*

Physical Data (in inches)

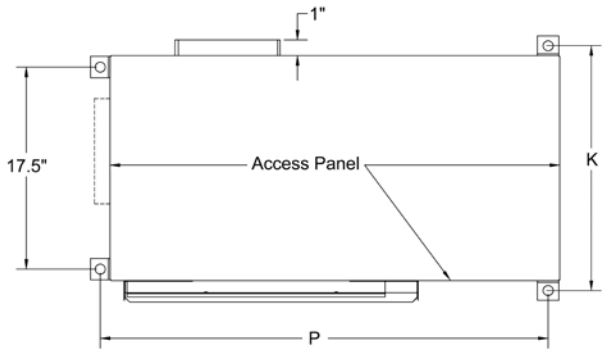
Unit Size	007	009	012
Fan Wheel - D x W	6.3 x 6.0	6.3 x 6.0	6.2 x 7.4
Standard PSC Motor Horsepower	1/8	1/8	1/8
Coil Face Area (Sq. Ft.)	0.97	1.11	1.53
Coil Rows	3	3	4
Refrigerant Charge (oz.)	17 oz.	19 oz.	31.5 oz.
1" Filter, (Qty.) Size (In.)	(1)10 x 20	(1)10 x 20	(1)10 x 26
Water Connections, FPT	1/2	1/2	1/2
Condensate Connections, FPT	3/4	3/4	3/4
Weight, Operate (Lbs.)	98	99	115
Weight, Shipping (Lbs.)	130	130	145

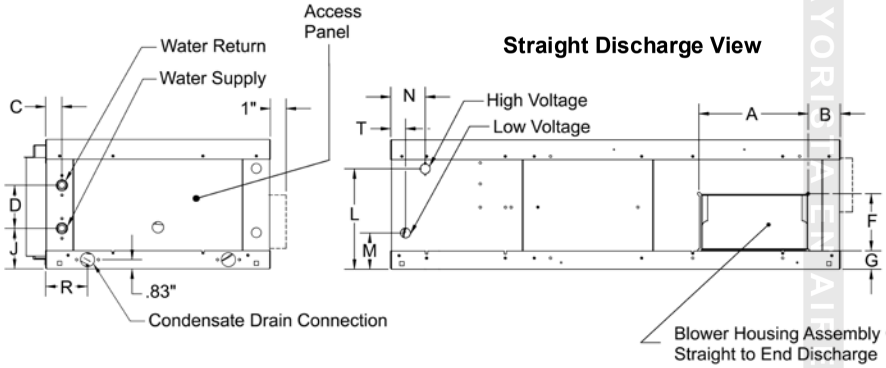
Overall Unit Dimensions

Size 007, 009 = 20"W x 34"L x 11.50"H
Size 012 = 20"W x 40"L x 11.50"H

Dimensions are approximate

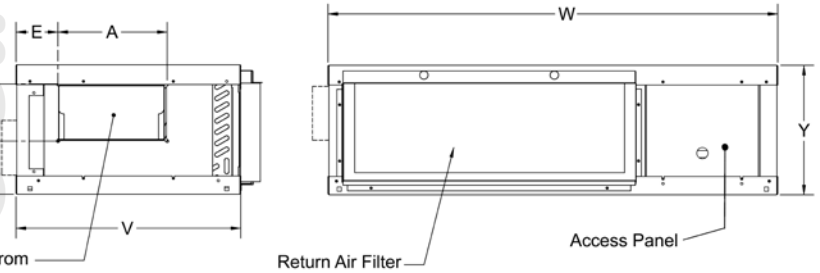
Right and left hand return determined by facing the water connection side of the unit.





Straight Discharge View

End Discharge View



Dimensional Data (in inches)

Unit Size	Dimensions																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y
007–009	7.55	3.25	1.45	3.83	4.12	4.95	1.80	5.00	3.60	22	8.93	3.23	3.00	34	3.73	1.25	20	34	11.50
012	9.60	2.80	1.45	3.83	3.75	4.80	1.80	5.00	3.60	22	8.93	3.23	3.00	40	3.73	1.25	20	40	11.50

Size 007, 009, 012 – Right Hand Return, End and Straight Discharge

NOTE: *Unit Size 009 available as CCW model only.*

Physical Data (in inches)

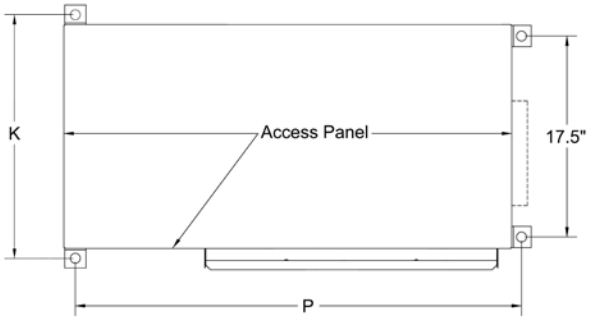
Unit Size	007	009	012
Fan Wheel - D x W	6.3 x 6.0	6.3 x 6.0	6.2 x 7.4
Standard PSC Motor Horsepower	1/8	1/8	1/8
Coil Face Area (Sq. Ft.)	0.97	1.11	1.53
Coil Rows	3	3	4
Refrigerant Charge (oz.)	17 oz.	19 oz.	31.5 oz.
1" Filter, (Qty.) Size (In.)	(1)10 x 20	(1)10 x 20	(1)10 x 26
Water Connections, FPT	1/2	1/2	1/2
Condensate Connections, FPT	3/4	3/4	3/4
Weight, Operate (Lbs.)	98	99	115
Weight, Shipping (Lbs.)	130	130	145

Overall Unit Dimensions

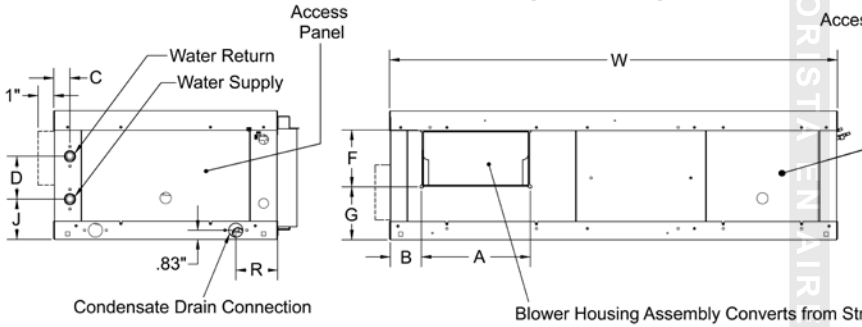
Size 007, 009 = 20"W x 34"L x 11.50"H
Size 012 = 20"W x 40"L x 11.50"H

Dimensions are approximate

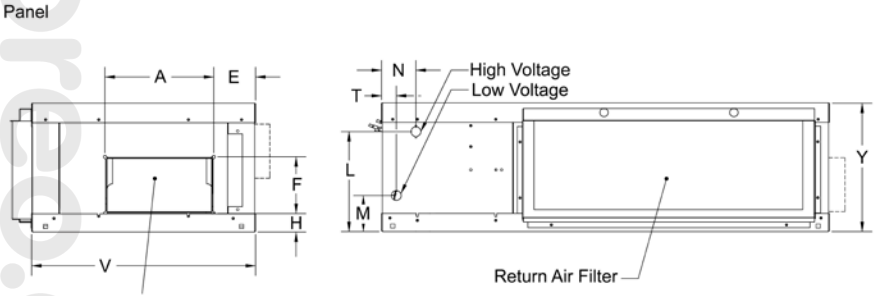
Right and left hand return determined by facing the water connection side of the unit.



Straight Discharge View



End Discharge View



Dimensional Data (in inches)

Unit Size	Dimensions																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y
007–009	7.55	3.25	1.45	3.83	4.12	4.95	5.00	1.80	3.60	22	5.71	3.23	3.00	34	3.73	1.25	20	34	11.50
012	9.60	2.80	1.45	3.83	3.75	4.80	5.00	1.80	3.60	22	5.71	3.23	3.00	40	3.73	1.25	20	40	11.50

Size 015, 019, 024 – Left Hand Return, End and Straight Discharge

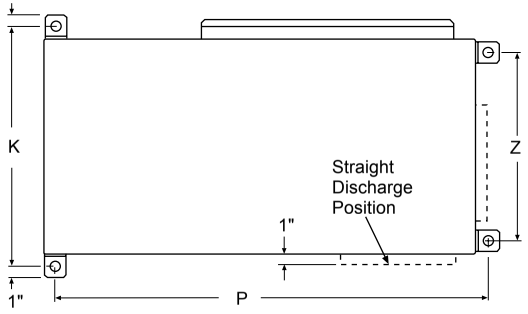
Physical Data (in inches)

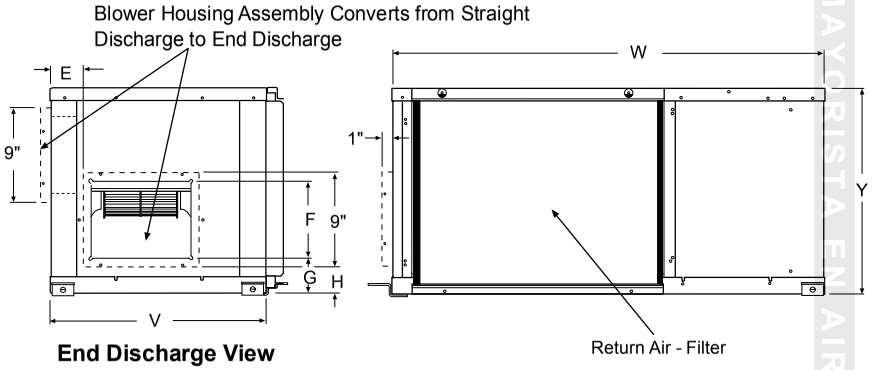
Unit Size	015	019	024
Fan Wheel - D x W	9.5 x 7.1	9.5 x 7.1	9.5 x 7.1
Standard PSC Motor Horsepower	1/6	1/3	1/3
Coil Face Area (Sq. Ft.)	2.75	2.75	2.75
Coil Rows	3	3	3
Refrigerant Charge (oz.)	43 oz.	45 oz.	40.5 oz.
1" Filter, (Qty.) Size (In.)	(1)18 x 24	(1)18 x 24	(1)18 x 24
Water Connections, FPT	1/2	1/2	1/2
Condensate Connections, FPT	3/4	3/4	3/4
Weight, Operate (Lbs.)	195	195	195
Weight, Shipping (Lbs.)	214	214	214

Overall Unit Dimensions =
20"W x 42"L x 19"H

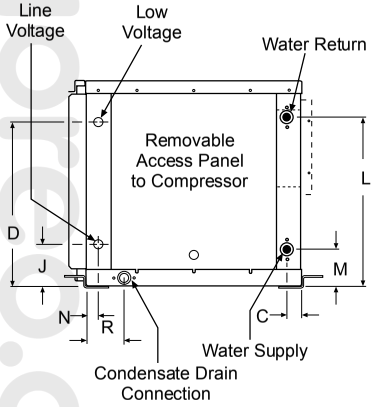
Dimensions are approximate.

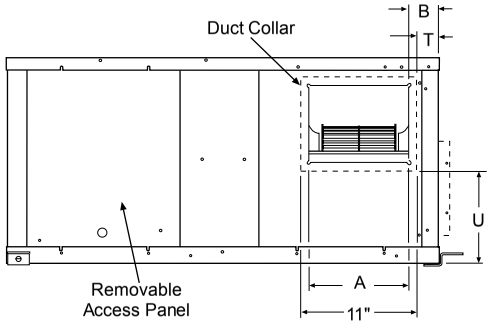
Right and left hand return determined by facing the water connection side of the unit.





End Discharge View





Straight Discharge View

Dimensional Data (in inches)

Unit Size	Dimensions																				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	U	V	W	Y	Z
015	9.22	3.00	1.45	14.93	2.91	7.12	3.15	2.15	4.10	22	15.43	3.60	1.25	42	3.73	2.03	8.30	20	42	19	17.5
019	9.22	3.00	1.45	14.93	2.91	7.12	3.15	2.15	4.10	22	15.43	3.60	1.25	42	3.73	2.03	8.30	20	42	19	17.5
024	9.22	3.00	1.45	14.93	2.91	7.12	3.15	2.15	4.10	22	15.43	3.60	1.25	42	3.73	2.03	8.30	20	42	19	17.5

Size 015, 019, 024 – Right Hand Return, End and Straight Discharge

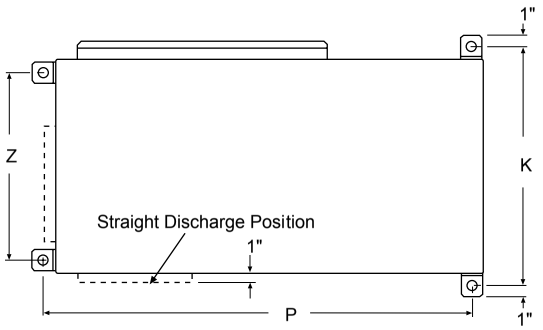
Physical Data (in inches)

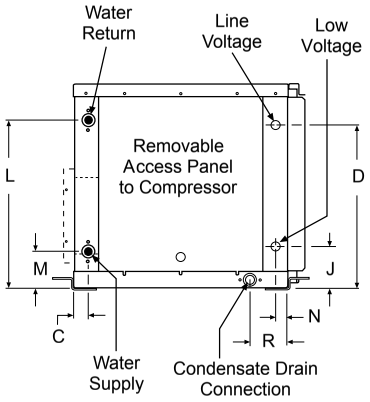
Unit Size	015	019	024
Fan Wheel - D x W	9.5 x 7.1	9.5 x 7.1	9.5 x 7.1
Standard PSC Motor Horsepower	1/6	1/3	1/3
Coil Face Area (Sq. Ft.)	2.75	2.75	2.75
Coil Rows	3	3	3
Refrigerant Charge (oz.)	43 oz.	45 oz.	40.5 oz.
1" Filter, (Qty.) Size (In.)	(1)18 x 24	(1)18 x 24	(1)18 x 24
Water Connections, FPT	1/2	1/2	1/2
Condensate Connections, FPT	3/4	3/4	3/4
Weight, Operate (Lbs.)	195	195	195
Weight, Shipping (Lbs.)	214	214	214

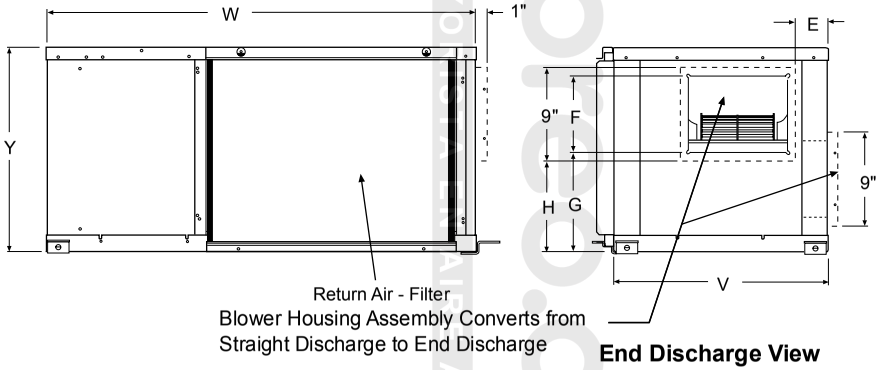
Overall Unit Dimensions =
20"W x 42"L x 19"H

Dimensions are approximate.

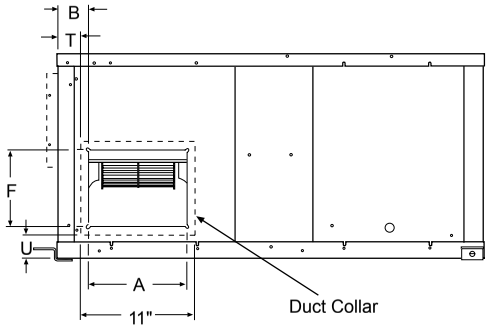
Right and left hand return determined by facing the water connection side of the unit.







End Discharge View



Straight Discharge View

Dimensional Data (in inches)

Unit Size	Dimensions																				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	U	V	W	Y	Z
015	9.22	2.98	1.45	14.93	2.91	7.12	9.28	8.30	4.10	22	15.43	3.60	1.25	42	3.73	2.00	2.15	20	42	19	17.5
019	9.22	2.98	1.45	14.93	2.91	7.12	9.28	8.30	4.10	22	15.43	3.60	1.25	42	3.73	2.00	2.15	20	42	19	17.5
024	9.22	2.98	1.45	14.93	2.91	7.12	9.28	8.30	4.10	22	15.43	3.60	1.25	42	3.73	2.00	2.15	20	42	19	17.5

Size 030, 036 – Left Hand Return, End and Straight Discharge

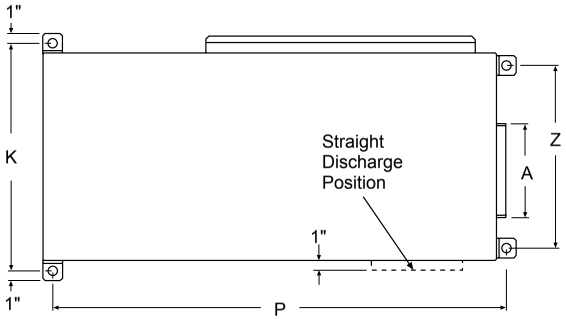
Physical Data (in inches)

Unit Size	030	036
Fan Wheel - D x W	9.5 x 7.1	9.5 x 7.1
Standard PSC Motor Horsepower	1/3	1/2
Coil Face Area (Sq. Ft.)	3.43	3.43
Coil Rows	3	3
Refrigerant Charge (oz.)	48 oz.	49 oz.
1" Filter, (Qty.) Size (In.)	(1)19 x 27	(1)19 x 27
Water Connections, FPT	3/4	3/4
Condensate Connections, FPT	3/4	3/4
Weight, Operate (Lbs.)	225	223
Weight, Shipping (Lbs.)	244	242

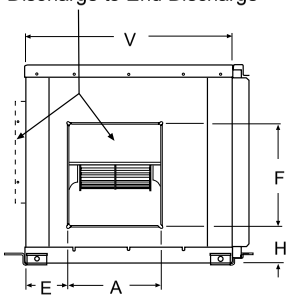
Overall Unit Dimensions =
21"W x 46"L x 20"H

Dimensions are approximate.

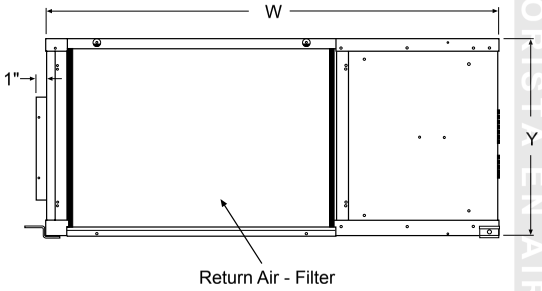
Right and left hand return determined by facing the water connection side of the unit.

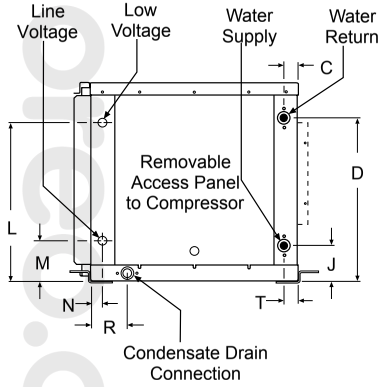


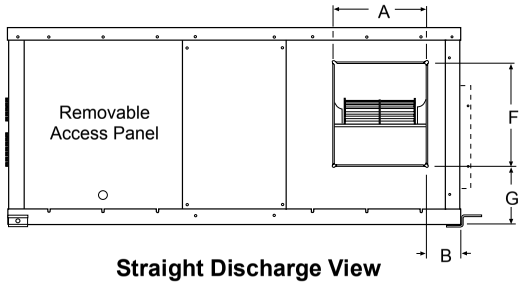
Blower Housing Assembly Converts from Straight Discharge to End Discharge



End Discharge View







Straight Discharge View

Dimensional Data (in inches)

Unit Size	Dimensions																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y	Z
030	9.29	3.53	1.45	16.43	4.41	10.26	6.17	4.06	3.60	23	15.93	4.10	1.25	46	3.74	1.45	21	46	20	18.5
036	9.29	3.53	1.45	16.43	4.41	10.26	6.17	4.06	3.60	23	15.93	4.10	1.25	46	3.74	1.45	21	46	20	18.5

Size 030, 036 – Right Hand Return, End and Straight Discharge

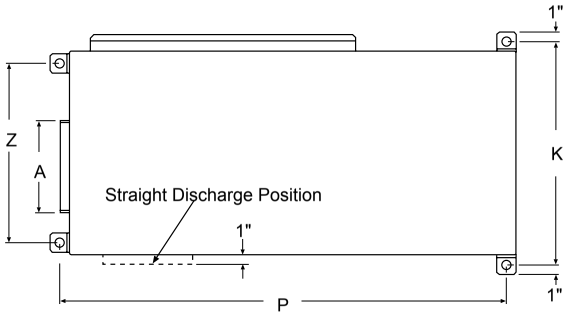
Physical Data (in inches)

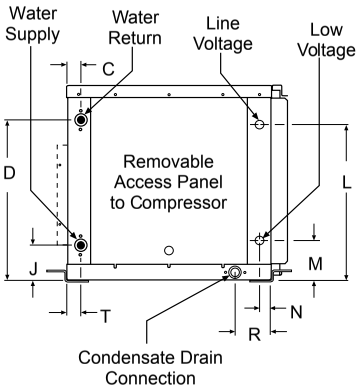
Unit Size	030	036
Fan Wheel - D x W	9.5 x 7.1	9.5 x 7.1
Standard PSC Motor Horsepower	1/3	1/2
Coil Face Area (Sq. Ft.)	3.43	3.43
Coil Rows	3	3
Refrigerant Charge (oz.)	48 oz.	49 oz.
1" Filter, (Qty.) Size (In.)	(1)19 x 27	(1)19 x 27
Water Connections, FPT	3/4	3/4
Condensate Connections, FPT	3/4	3/4
Weight, Operate (Lbs.)	225	223
Weight, Shipping (Lbs.)	244	242

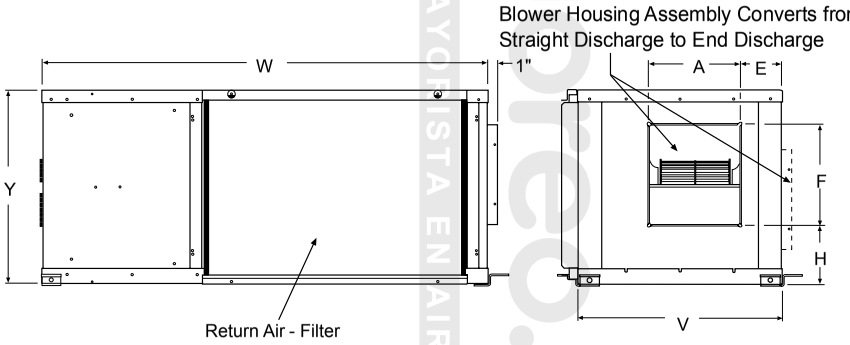
Overall Unit Dimensions = 21"W x 46"L x 20"H

Dimensions are approximate.

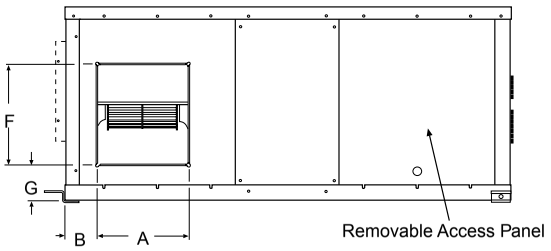
Right and left hand return determined by facing the water connection side of the unit.







End Discharge View



Straight Discharge View

Dimensional Data (in inches)

Unit Size	Dimensions																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y	Z
030	9.29	3.53	1.45	16.43	4.41	10.26	4.06	6.17	3.60	23	15.93	4.10	1.25	46	3.74	1.45	21	46	20	18.5
036	9.29	3.53	1.45	16.43	4.41	10.26	4.06	6.17	3.60	23	15.93	4.10	1.25	46	3.74	1.45	21	46	20	18.5

Size 042, 048, 060, 070 – Left Hand Return, End and Straight Discharge

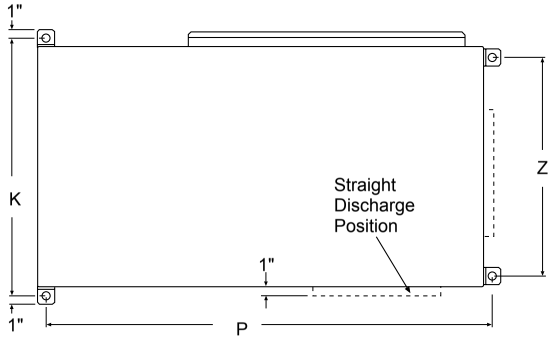
Physical Data (in inches)

Unit Size	042	048	060	070
Fan Wheel - D x W	12.9 x 11.1	12.9 x 11.1	12.9 x 11.1	12.9 x 11.1
Standard PSC Motor Horsepower	1/2	3/4	3/4	3/4
Coil Face Area (Sq. Ft.)	4.43	4.43	6.11	6.11
Coil Rows	3	3	3	3
Refrigerant Charge (oz.)	60.0 oz.	55.0 oz.	74.0 oz.	64.0 oz.
1" Filter, (Qty.) Size (In.)	(2)16 x 22.5	(2)16 x 22.5	(2)22 x 22	(2)22 x 22
Water Connections, FPT	3/4	3/4	3/4	3/4
Condensate Connections, FPT	3/4	3/4	3/4	3/4
Weight, Operate (Lbs.)	293	298	332	332
Weight, Shipping (Lbs.)	314	319	351	351

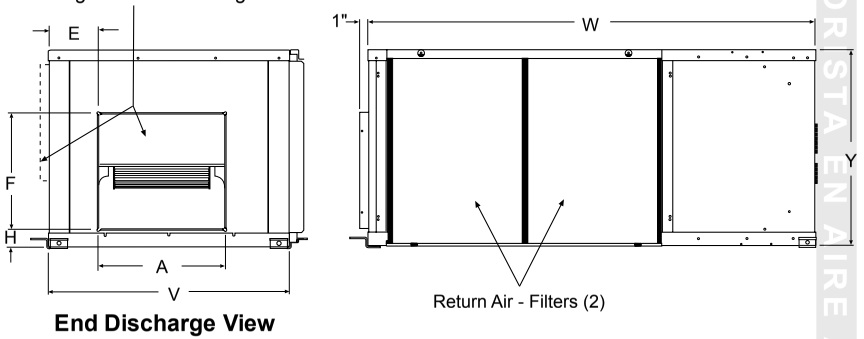
Overall Unit Dimensions =
28"W x 52"L x 23"H

Dimensions are approximate.

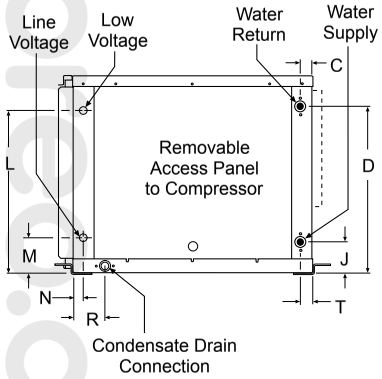
Right and left hand return determined by facing the water connection side of the unit.

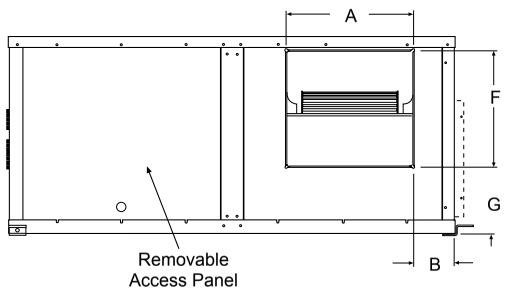


Blower Housing Assembly Converts from Straight Discharge to End Discharge



End Discharge View





Straight Discharge View

Dimensional Data (in inches)

Unit Size	Dimensions																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y	Z
042 – 070	14.68	4.89	1.45	19.43	5.76	13.43	8.06	1.95	3.60	30	17.43	5.60	1.25	52	3.74	1.45	28	52	23	25.5

Size 042, 048, 060, 070 – Right Hand Return, End and Straight Discharge

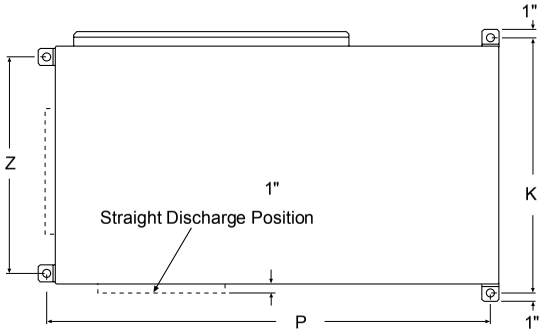
Physical Data (in inches)

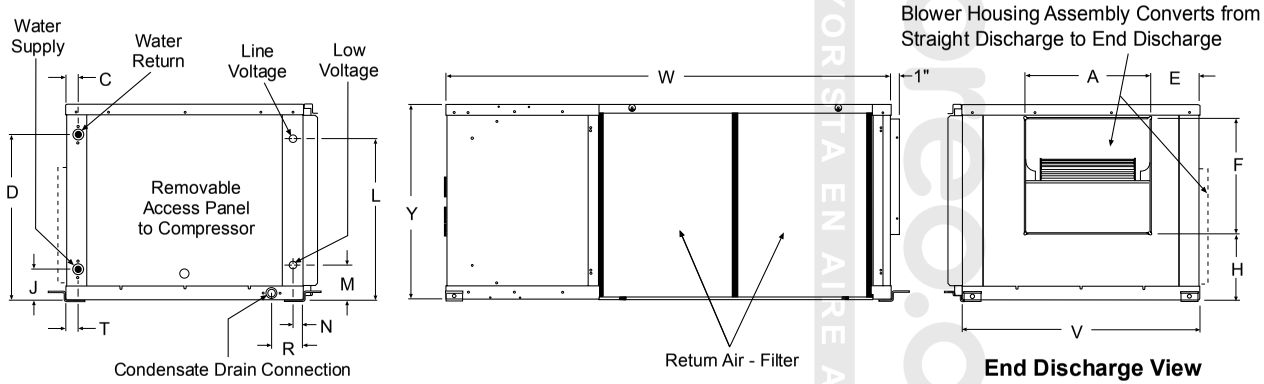
Unit Size	042	048	060	070
Fan Wheel - D x W	12.9 x 11.1	12.9 x 11.1	12.9 x 11.1	12.9 x 11.1
Standard PSC Motor Horsepower	1/2	3/4	3/4	3/4
Coil Face Area (Sq. Ft.)	3.43	3.43	6.11	6.11
Coil Rows	3	3	3	3
Refrigerant Charge (oz.)	60.0 oz.	55.0 oz.	74.0 oz.	64.0 oz.
1" Filter, (Qty.) Size (In.)	(2)16 x 22.5	(2)16 x 22.5	(2)22 x 22	(2)22 x 22
Water Connections, FPT	3/4	3/4	3/4	3/4
Condensate Connections, FPT	3/4	3/4	3/4	3/4
Weight, Operate (Lbs.)	293	298	332	332
Weight, Shipping (Lbs.)	314	319	351	351

Overall Unit Dimensions =
28"W x 52"L x 23"H

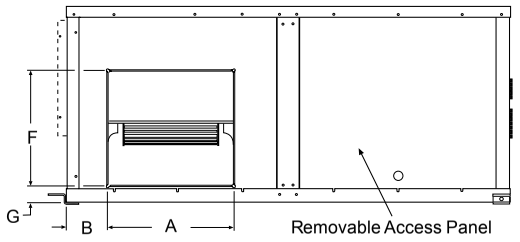
Dimensions are approximate.

Right and left hand return determined by facing the water connection side of the unit.





End Discharge View



Straight Discharge View

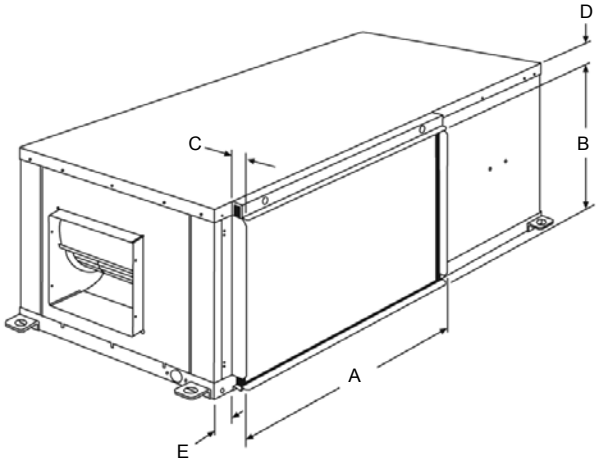
Dimensional Data (in inches)

Unit Size	Dimensions																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	V	W	Y	Z
042 – 070	14.68	4.89	1.45	19.43	5.76	13.43	1.95	8.06	3.60	30	17.43	5.60	1.25	52	3.74	1.45	28	52	23	25.5

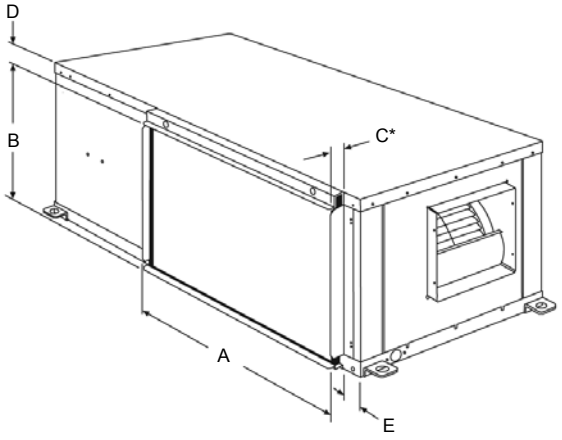
Filter Rack/Return Air Duct Collar

Unit Sizes 007 thru 070

Standard 1" Filter Rack – Left Hand Return, End Discharge

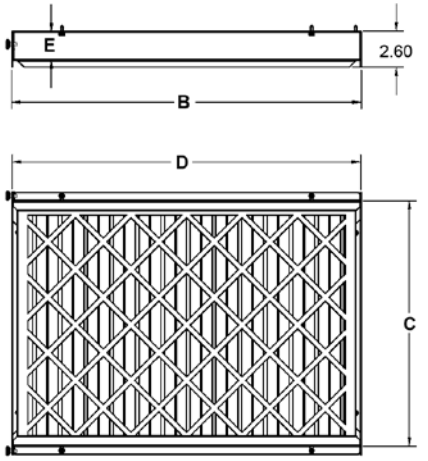


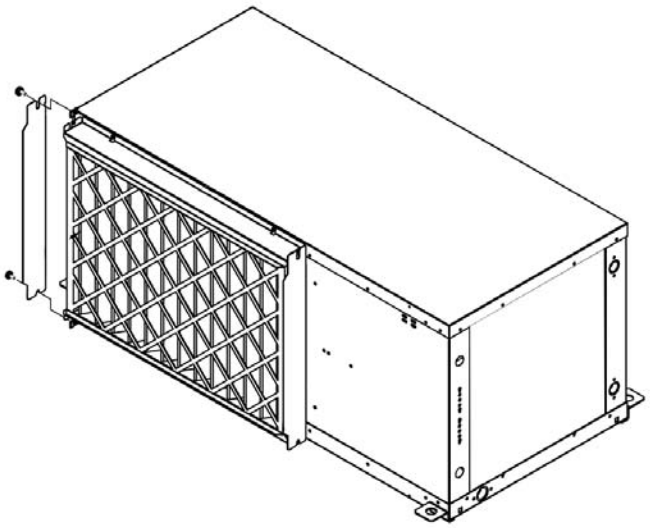
Standard 1" Filter Rack – Right Hand Return, End Discharge



Unit Size	Dimensions (inches)				
	A	B	C	D	E
007, 009	20.17	8.88	1.90	1.56	1.25
012	26.17	8.88	1.90	1.56	1.25
015, 019, 024	24.00	17.02	1.76	1.06	1.39
030, 036	27.32	18.01	1.63	1.06	1.63
042, 048	32.07	21.54	1.63	1.06	2.16
060, 070	44.20	20.97	1.63	1.06	2.16

Optional 2" Filter Rack Assembly





Unit Size	Dimensions (inches)				
	A	B	C	D	E
007, 009	8.22	21.43	9.55	21.53	2.06
012	8.22	27.42	9.55	27.42	2.06
015, 019, 024	16.29	25.15	17.62	25.15	2.06
030, 036	17.23	30.75	18.56	30.75	2.06
042, 048	20.28	34.75	21.61	34.75	2.06
060, 070	20.22	46.9	21.54	46.9	2.06

Size 007 (300 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	1.0	0.8	1.8	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					6000	0.683	3700	84	2.57
		0.8	1.8	70/59						5900	0.703	3500	88	2.46
		0.8	1.8	75/63						5700	0.727	3200	92	2.30
		0.8	1.8	80/67						5600	0.752	3000	97	2.18
		0.8	1.8	85/71										
	1.5	1.5	3.5	65/55						6100	0.684	3800	85	2.61
		1.5	3.5	70/59						6000	0.704	3600	88	2.50
		1.5	3.5	75/63						5800	0.728	3300	93	2.33
		1.5	3.5	80/67						5700	0.753	3100	97	2.22
		1.5	3.5	85/71										
	2.0	2.4	5.5	65/55						6200	0.685	3900	85	2.65
		2.4	5.5	70/59						6100	0.704	3700	89	2.54
		2.4	5.5	75/63						5900	0.729	3400	93	2.37
		2.4	5.5	80/67						5800	0.753	3200	98	2.26
		2.4	5.5	85/71										
30	1.0	0.8	1.8	65/55						7000	0.704	4600	87	2.91
		0.8	1.8	70/59	9600	7800	0.440	11100	21.8	6900	0.724	4400	91	2.79
		0.8	1.8	75/63	10100	8100	0.435	11600	23.2	6700	0.748	4100	96	2.62
		0.8	1.8	80/67	10700	8400	0.431	12200	24.8	6600	0.773	4000	100	2.50
		0.8	1.8	85/71	11200	8700	0.427	12700	26.2					
	1.5	1.5	3.4	65/55	9100	7800	0.435	10600	20.9	7100	0.705	4700	88	2.95
		1.5	3.4	70/59	9600	7800	0.431	11100	22.3	7000	0.725	4500	91	2.83
		1.5	3.4	75/63	10200	8100	0.427	11700	23.9	6800	0.749	4200	96	2.66
		1.5	3.4	80/67	10700	8400	0.422	12100	25.4	6700	0.774	4100	101	2.53
		1.5	3.4	85/71	11300	8700	0.418	12700	27.0					
	2.0	2.3	5.4	65/55	9100	7800	0.426	10600	21.4	7200	0.706	4800	88	2.99
		2.3	5.4	70/59	9600	7900	0.422	11000	22.7	7100	0.725	4600	92	2.87
		2.3	5.4	75/63	10200	8200	0.418	11600	24.4	6900	0.750	4300	96	2.69
		2.3	5.4	80/67	10700	8500	0.414	12100	25.8	6800	0.774	4200	101	2.57
		2.3	5.4	85/71	11300	8800	0.409	12700	27.6					
40	1.0	0.7	1.7	65/55	9100	7400	0.485	10800	18.8	8000	0.725	5500	91	3.23
		0.7	1.7	70/59	9600	7400	0.481	11200	20.0	7900	0.745	5400	94	3.10
		0.7	1.7	75/63	10200	7700	0.477	11800	21.4	7700	0.769	5100	99	2.93
		0.7	1.7	80/67	10700	8000	0.472	12300	22.7	7600	0.794	4900	103	2.80
		0.7	1.7	85/71	11300	8300	0.468	12900	24.1					
	1.5	1.4	3.3	65/55	9100	7400	0.477	10700	19.1	8100	0.726	5600	91	3.27
		1.4	3.3	70/59	9600	7400	0.472	11200	20.3	8000	0.746	5500	95	3.14
		1.4	3.3	75/63	10200	7800	0.468	11800	21.8	7800	0.770	5200	99	2.97
		1.4	3.3	80/67	10700	8100	0.464	12300	23.1	7700	0.795	5000	104	2.84
		1.4	3.3	85/71	11300	8400	0.459	12900	24.6					
	2.0	2.3	5.2	65/55	9100	7400	0.468	10700	19.4	8200	0.727	5700	91	3.30
		2.3	5.2	70/59	9600	7500	0.464	11200	20.7	8100	0.746	5600	95	3.18
		2.3	5.2	75/63	10200	7800	0.459	11800	22.2	7900	0.771	5300	99	3.00
		2.3	5.2	80/67	10700	8100	0.455	12300	23.5	7800	0.795	5100	104	2.87
		2.3	5.2	85/71	11300	8400	0.451	12800	25.1					
50	1.0	0.7	1.7	65/55	8800	6900	0.535	10600	16.4	9000	0.746	6500	94	3.53
		0.7	1.7	70/59	9400	7000	0.530	11200	17.7	8900	0.766	6300	97	3.40
		0.7	1.7	75/63	9900	7300	0.526	11700	18.8	8700	0.790	6000	102	3.22
		0.7	1.7	80/67	10400	7600	0.522	12200	19.9	8600	0.815	5800	106	3.09
		0.7	1.7	85/71	11000	7900	0.517	12800	21.3					
	1.5	1.4	3.2	65/55	8800	7000	0.526	10600	16.7	9100	0.747	6600	94	3.57
		1.4	3.2	70/59	9400	7000	0.522	11200	18.0	9000	0.766	6400	98	3.44
		1.4	3.2	75/63	9900	7300	0.517	11700	19.1	8800	0.791	6100	102	3.26
		1.4	3.2	80/67	10500	7600	0.513	12300	20.5	8700	0.815	5900	107	3.13
		1.4	3.2	85/71	11000	7900	0.509	12700	21.6					
	2.0	2.2	5.1	65/55	8900	7000	0.517	10700	17.2	9200	0.748	6600	94	3.60
		2.2	5.1	70/59	9400	7000	0.513	11200	18.3	9100	0.767	6500	98	3.47
		2.2	5.1	75/63	9900	7300	0.509	11600	19.4	8900	0.792	6200	102	3.29
		2.2	5.1	80/67	10500	7600	0.504	12200	20.8	8800	0.816	6000	107	3.16
		2.2	5.1	85/71	11000	7900	0.500	12700	22.0					
60	1.0	0.7	1.6	65/55	8300	6400	0.591	10300	14.0	10000	0.767	7400	97	3.82
		0.7	1.6	70/59	8900	6500	0.587	10900	15.2	9900	0.787	7200	100	3.68
		0.7	1.6	75/63	9400	6800	0.583	11400	16.1	9700	0.811	6900	105	3.50
		0.7	1.6	80/67	10000	7100	0.579	12000	17.3	9600	0.836	6700	109	3.36
		0.7	1.6	85/71	10500	7400	0.574	12500	18.3					
	1.5	1.4	3.1	65/55	8300	6400	0.583	10300	14.2	10100	0.768	7500	97	3.85
		1.4	3.1	70/59	8900	6500	0.578	10900	15.4	10000	0.787	7300	101	3.72
		1.4	3.1	75/63	9400	6800	0.574	11400	16.4	9800	0.812	7000	105	3.53
		1.4	3.1	80/67	10000	7100	0.570	11900	17.5	9700	0.836	6800	110	3.40
		1.4	3.1	85/71	10500	7400	0.565	12400	18.6					
	2.0	2.2	4.9	65/55	8400	6500	0.574	10400	14.6	10200	0.769	7600	97	3.88
		2.2	4.9	70/59	8900	6500	0.570	10800	15.6	10100	0.788	7400	101	3.75
		2.2	4.9	75/63	9400	6800	0.565	11300	16.6	9900	0.813	7100	105	3.57
		2.2	4.9	80/67	10000	7100	0.561	11900	17.8	9800	0.837	6900	110	3.43
		2.2	4.9	85/71	10500	7400	0.557	12400	18.9					

Size 007 (300 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	1.0	0.7	1.6	65/55	7700	5900	0.655	9900	11.8	11000	0.788	8300	100	4.09
		0.7	1.6	70/59	8200	5900	0.651	10400	12.6	10900	0.808	8100	103	3.95
		0.7	1.6	75/63	8700	6200	0.647	10900	13.4	10700	0.832	7900	108	3.77
		0.7	1.6	80/67	9300	6500	0.642	11500	14.5	10600	0.857	7700	113	3.62
		0.7	1.6	85/71	9800	6800	0.638	12000	15.4					
	1.5	1.3	3.0	65/55	7700	5900	0.646	9900	11.9	11100	0.789	8400	100	4.12
		1.3	3.0	70/59	8200	5900	0.642	10400	12.8	11000	0.808	8200	104	3.99
		1.3	3.0	75/63	8800	6200	0.638	11000	13.8	10800	0.833	8000	108	3.80
		1.3	3.0	80/67	9300	6600	0.634	11500	14.7	10700	0.857	7800	113	3.66
		1.3	3.0	85/71	9800	6900	0.629	11900	15.6					
	2.0	2.1	4.8	65/55	7700	5900	0.638	9900	12.1	11200	0.789	8500	100	4.16
		2.1	4.8	70/59	8200	6000	0.633	10400	13.0	11100	0.809	8300	104	4.02
		2.1	4.8	75/63	8800	6300	0.629	10900	14.0	10900	0.834	8100	108	3.83
		2.1	4.8	80/67	9300	6600	0.625	11400	14.9	10800	0.858	7900	113	3.69
		2.1	4.8	85/71	9900	6900	0.620	12000	16.0					
80	1.0	0.7	1.6	65/55	6800	5300	0.725	9300	9.4	12000	0.809	9200	103	4.34
		0.7	1.6	70/59	7400	5300	0.721	9900	10.3	11900	0.829	9100	107	4.20
		0.7	1.6	75/63	7900	5600	0.717	10300	11.0	11700	0.853	8800	111	4.02
		0.7	1.6	80/67	8500	5900	0.712	10900	11.9	11600	0.878	8600	116	3.87
		0.7	1.6	85/71	9000	6300	0.708	11400	12.7					
	1.5	1.3	3.0	65/55	6800	5300	0.717	9200	9.5	12100	0.810	9300	103	4.37
		1.3	3.0	70/59	7400	5400	0.712	9800	10.4	12000	0.829	9200	107	4.24
		1.3	3.0	75/63	7900	5700	0.708	10300	11.2	11800	0.854	8900	111	4.05
		1.3	3.0	80/67	8500	6000	0.704	10900	12.1	11700	0.878	8700	116	3.90
		1.3	3.0	85/71	9000	6300	0.699	11400	12.9					
	2.0	2.1	4.7	65/55	6900	5400	0.708	9300	9.7	12200	0.810	9400	103	4.41
		2.1	4.7	70/59	7400	5400	0.704	9800	10.5	12100	0.830	9300	107	4.27
		2.1	4.7	75/63	7900	5700	0.699	10300	11.3	11900	0.854	9000	112	4.08
		2.1	4.7	80/67	8500	6000	0.695	10900	12.2	11800	0.879	8800	116	3.93
		2.1	4.7	85/71	9000	6300	0.691	11400	13.0					
90	1.0	0.7	1.5	65/55	5900	4700	0.802	8600	7.4	13000	0.830	10200	106	4.59
		0.7	1.5	70/59	6400	4800	0.797	9100	8.0	12900	0.850	10000	110	4.44
		0.7	1.5	75/63	7000	5100	0.793	9700	8.8	12700	0.874	9700	114	4.25
		0.7	1.5	80/67	7500	5400	0.789	10200	9.5	12600	0.899	9500	119	4.10
		0.7	1.5	85/71	8100	5700	0.784	10800	10.3					
	1.5	1.3	2.9	65/55	5900	4700	0.793	8600	7.4	13100	0.831	10300	106	4.62
		1.3	2.9	70/59	6500	4800	0.789	9200	8.2	13000	0.850	10100	110	4.48
		1.3	2.9	75/63	7000	5100	0.784	9700	8.9	12800	0.875	9800	114	4.28
		1.3	2.9	80/67	7600	5400	0.780	10300	9.7	12700	0.899	9600	119	4.14
		1.3	2.9	85/71	8100	5700	0.776	10700	10.4					
	2.0	2.0	4.7	65/55	5900	4800	0.784	8600	7.5	13200	0.831	10400	107	4.65
		2.0	4.7	70/59	6500	4800	0.780	9200	8.3	13100	0.851	10200	110	4.51
		2.0	4.7	75/63	7000	5100	0.776	9600	9.0	12900	0.875	9900	115	4.32
		2.0	4.7	80/67	7600	5400	0.771	10200	9.9	12800	0.900	9700	119	4.16
		2.0	4.7	85/71	8100	5700	0.767	10700	10.6					
100	1.0	0.7	1.5	65/55	4900	4200	0.883	7900	5.5					
		0.7	1.5	70/59	5500	4200	0.879	8500	6.3					
		0.7	1.5	75/63	6000	4500	0.875	9000	6.9					
		0.7	1.5	80/67	6600	4800	0.870	9600	7.6					
		0.7	1.5	85/71	7100	5100	0.866	10100	8.2					
	1.5	1.3	2.9	65/55	4900	4200	0.875	7900	5.6					
		1.3	2.9	70/59	5500	4200	0.870	8500	6.3					
		1.3	2.9	75/63	6000	4500	0.866	9000	6.9					
		1.3	2.9	80/67	6600	4800	0.862	9500	7.7					
		1.3	2.9	85/71	7100	5100	0.857	10000	8.3					
	2.0	2.0	4.6	65/55	5000	4200	0.866	8000	5.8					
		2.0	4.6	70/59	5500	4300	0.862	8400	6.4					
		2.0	4.6	75/63	6000	4600	0.857	8900	7.0					
		2.0	4.6	80/67	6600	4900	0.853	9500	7.7					
		2.0	4.6	85/71	7100	5200	0.849	10000	8.4					
110	1.0	0.7	1.5	65/55	3900	3600	0.970	7200	4.0					
		0.7	1.5	70/59	4500	3700	0.966	7800	4.7					
		0.7	1.5	75/63	5000	4000	0.961	8300	5.2					
		0.7	1.5	80/67	5600	4300	0.957	8900	5.9					
		0.7	1.5	85/71	6100	4600	0.953	9400	6.4					
	1.5	1.3	2.9	65/55	4000	3700	0.961	7300	4.2					
		1.3	2.9	70/59	4500	3700	0.957	7800	4.7					
		1.3	2.9	75/63	5000	4000	0.953	8300	5.2					
		1.3	2.9	80/67	5600	4300	0.948	8800	5.9					
		1.3	2.9	85/71	6100	4600	0.944	9300	6.5					
	2.0	2.0	4.5	65/55	4000	3700	0.953	7300	4.2					
		2.0	4.5	70/59	4500	3700	0.948	7700	4.7					
		2.0	4.5	75/63	5100	4000	0.944	8300	5.4					
		2.0	4.5	80/67	5600	4300	0.940	8800	6.0					
		2.0	4.5	85/71	6100	4600	0.935	9300	6.5					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 009 (300 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	1.5	1.7	4.0	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					4600	0.668	2300	80	2.02
		1.7	4.0	70/59						4400	0.691	2000	84	1.86
		1.7	4.0	75/63						4200	0.718	1700	88	1.71
		1.7	4.0	80/67						4000	0.746	1500	92	1.57
		1.7	4.0	85/71										
	2.3	3.8	8.7	65/55						4800	0.671	2500	81	2.09
		3.8	8.7	70/59						4700	0.693	2300	84	1.99
		3.8	8.7	75/63						4400	0.721	1900	89	1.79
		3.8	8.7	80/67						4200	0.749	1600	93	1.64
		3.8	8.7	85/71										
	3.0	6.7	15.3	65/55						5000	0.674	2700	81	2.17
		6.7	15.3	70/59						4900	0.696	2500	85	2.06
		6.7	15.3	75/63						4600	0.724	2100	89	1.86
		6.7	15.3	80/67						4400	0.751	1800	94	1.72
		6.7	15.3	85/71										
30	1.5	1.7	3.8	65/55						5800	0.695	3400	84	2.44
		1.7	3.8	70/59	7500	5200	0.447	9000	16.8	5700	0.717	3300	87	2.33
		1.7	3.8	75/63	8300	5600	0.443	9800	18.7	5500	0.745	3000	92	2.16
		1.7	3.8	80/67	9000	6000	0.438	10500	20.5	5200	0.772	2600	96	1.97
		1.7	3.8	85/71	9700	6300	0.434	11200	22.4					
	2.3	3.7	8.4	65/55	7000	5300	0.435	8500	16.1	6100	0.698	3700	85	2.56
		3.7	8.4	70/59	7700	5300	0.430	9200	17.9	5900	0.720	3400	88	2.40
		3.7	8.4	75/63	8400	5700	0.426	9900	19.7	5700	0.747	3200	92	2.23
		3.7	8.4	80/67	9100	6100	0.421	10500	21.6	5400	0.775	2800	97	2.04
		3.7	8.4	85/71	9800	6400	0.417	11200	23.5					
	3.0	6.5	14.8	65/55	7100	5300	0.417	8500	17.0	6300	0.700	3900	85	2.64
		6.5	14.8	70/59	7800	5400	0.413	9200	18.9	6100	0.722	3600	89	2.47
		6.5	14.8	75/63	8500	5800	0.408	9900	20.8	5900	0.750	3300	93	2.30
		6.5	14.8	80/67	9200	6100	0.404	10600	22.8	5600	0.778	2900	97	2.11
		6.5	14.8	85/71	9900	6500	0.399	11300	24.8					
40	1.5	1.6	3.7	65/55	7100	5300	0.493	8800	14.4	7100	0.721	4600	88	2.88
		1.6	3.7	70/59	7800	5400	0.489	9500	16.0	6900	0.743	4400	91	2.72
		1.6	3.7	75/63	8500	5700	0.484	10200	17.6	6700	0.771	4100	96	2.54
		1.6	3.7	80/67	9200	6100	0.480	10800	19.2	6500	0.799	3800	100	2.38
		1.6	3.7	85/71	9900	6500	0.475	11500	20.8					
	2.3	3.6	8.2	65/55	7200	5400	0.476	8800	15.1	7300	0.724	4800	88	2.95
		3.6	8.2	70/59	7900	5400	0.471	9500	16.8	7100	0.746	4600	92	2.79
		3.6	8.2	75/63	8600	5800	0.467	10200	18.4	6900	0.774	4300	96	2.61
		3.6	8.2	80/67	9300	6200	0.462	10900	20.1	6700	0.801	4000	101	2.45
		3.6	8.2	85/71	10000	6500	0.458	11600	21.8					
	3.0	6.3	14.4	65/55	7300	5500	0.459	8900	15.9	7500	0.727	5000	89	3.02
		6.3	14.4	70/59	8000	5500	0.454	9500	17.6	7300	0.749	4700	92	2.85
		6.3	14.4	75/63	8700	5900	0.450	10200	19.3	7100	0.776	4500	97	2.68
		6.3	14.4	80/67	9400	6300	0.445	10900	21.1	6900	0.804	4200	101	2.51
		6.3	14.4	85/71	10100	6600	0.441	11600	22.9					
50	1.5	1.6	3.6	65/55	6900	5200	0.542	8700	12.7	8300	0.747	5800	91	3.25
		1.6	3.6	70/59	7600	5300	0.538	9400	14.1	8100	0.769	5500	95	3.08
		1.6	3.6	75/63	8300	5600	0.533	10100	15.6	7900	0.797	5200	99	2.90
		1.6	3.6	80/67	9000	6000	0.529	10800	17.0	7700	0.825	4900	104	2.73
		1.6	3.6	85/71	9700	6400	0.524	11500	18.5					
	2.3	3.5	8.0	65/55	7000	5300	0.525	8800	13.3	8500	0.750	5900	92	3.32
		3.5	8.0	70/59	7700	5400	0.521	9500	14.8	8300	0.772	5700	95	3.15
		3.5	8.0	75/63	8400	5700	0.516	10200	16.3	8100	0.800	5400	100	2.96
		3.5	8.0	80/67	9100	6100	0.512	10800	17.8	7900	0.828	5100	104	2.79
		3.5	8.0	85/71	9800	6500	0.507	11500	19.3					
	3.0	6.1	14.0	65/55	7100	5400	0.508	8800	14.0	8700	0.753	6100	93	3.38
		6.1	14.0	70/59	7800	5400	0.504	9500	15.5	8500	0.775	5900	96	3.21
		6.1	14.0	75/63	8500	5800	0.499	10200	17.0	8300	0.803	5600	100	3.03
		6.1	14.0	80/67	9200	6200	0.495	10900	18.6	8100	0.830	5300	105	2.86
		6.1	14.0	85/71	9900	6500	0.490	11600	20.2					
60	1.5	1.5	3.5	65/55	6400	5000	0.599	8400	10.7	9500	0.774	6900	95	3.59
		1.5	3.5	70/59	7100	5000	0.595	9100	11.9	9300	0.796	6600	99	3.42
		1.5	3.5	75/63	7800	5400	0.590	9800	13.2	9100	0.823	6300	103	3.24
		1.5	3.5	80/67	8500	5800	0.586	10500	14.5	8900	0.851	6000	107	3.06
		1.5	3.5	85/71	9200	6100	0.581	11200	15.8					
	2.3	3.4	7.8	65/55	6500	5000	0.582	8500	11.2	9700	0.776	7100	96	3.66
		3.4	7.8	70/59	7200	5100	0.578	9200	12.5	9500	0.798	6800	99	3.49
		3.4	7.8	75/63	7900	5500	0.573	9900	13.8	9300	0.826	6500	104	3.30
		3.4	7.8	80/67	8600	5800	0.569	10500	15.1	9100	0.854	6200	108	3.12
		3.4	7.8	85/71	9300	6200	0.564	11200	16.5					
	3.0	6.0	13.7	65/55	6600	5100	0.565	8500	11.7	9900	0.779	7200	96	3.72
		6.0	13.7	70/59	7300	5200	0.560	9200	13.0	9800	0.801	7100	100	3.58
		6.0	13.7	75/63	8000	5600	0.556	9900	14.4	9500	0.829	6700	104	3.36
		6.0	13.7	80/67	8700	5900	0.551	10600	15.8	9300	0.857	6400	109	3.18
		6.0	13.7	85/71	9400	6300	0.547	11300	17.2					

Size 009 (300 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	1.5	1.5	3.5	65/55	5700	4600	0.663	8000	8.6	10700	0.800	8000	99	3.92
		1.5	3.5	70/59	6400	4600	0.658	8600	9.7	10600	0.822	7800	103	3.78
		1.5	3.5	75/63	7100	5000	0.654	9300	10.9	10300	0.850	7400	107	3.55
		1.5	3.5	80/67	7800	5400	0.649	10000	12.0	10100	0.877	7100	111	3.37
		1.5	3.5	85/71	8500	5700	0.645	10700	13.2					
	2.3	3.3	7.6	65/55	5800	4700	0.646	8000	9.0	10900	0.803	8200	99	3.97
		3.3	7.6	70/59	6500	4700	0.641	8700	10.1	10800	0.825	8000	103	3.83
		3.3	7.6	75/63	7200	5100	0.637	9400	11.3	10500	0.852	7600	107	3.61
		3.3	7.6	80/67	7900	5500	0.632	10100	12.5	10300	0.880	7300	112	3.43
		3.3	7.6	85/71	8600	5800	0.628	10700	13.7					
	3.0	5.9	13.4	65/55	5900	4700	0.629	8000	9.4	11200	0.805	8500	100	4.07
		5.9	13.4	70/59	6600	4800	0.624	8700	10.6	11000	0.827	8200	104	3.89
		5.9	13.4	75/63	7300	5200	0.620	9400	11.8	10800	0.855	7900	108	3.70
		5.9	13.4	80/67	8000	5500	0.615	10100	13.0	10500	0.883	7500	112	3.48
		5.9	13.4	85/71	8700	5900	0.611	10800	14.2					
80	1.5	1.5	3.4	65/55	4800	4100	0.733	7300	6.5	12000	0.826	9200	103	4.25
		1.5	3.4	70/59	5500	4200	0.729	8000	7.5	11800	0.848	8900	106	4.07
		1.5	3.4	75/63	6200	4500	0.724	8700	8.6	11600	0.876	8600	111	3.88
		1.5	3.4	80/67	6900	4900	0.720	9400	9.6	11300	0.904	8200	115	3.66
		1.5	3.4	85/71	7600	5300	0.715	10000	10.6					
	2.3	3.3	7.5	65/55	4900	4200	0.716	7300	6.8	12200	0.829	9400	103	4.31
		3.3	7.5	70/59	5600	4200	0.711	8000	7.9	12000	0.851	9100	107	4.13
		3.3	7.5	75/63	6300	4600	0.707	8700	8.9	11800	0.879	8800	111	3.93
		3.3	7.5	80/67	7000	5000	0.702	9400	10.0	11600	0.906	8500	116	3.75
		3.3	7.5	85/71	7700	5300	0.698	10100	11.0					
	3.0	5.7	13.1	65/55	5000	4300	0.699	7400	7.2	12400	0.832	9600	104	4.36
		5.7	13.1	70/59	5700	4300	0.694	8100	8.2	12200	0.854	9300	107	4.18
		5.7	13.1	75/63	6400	4700	0.690	8800	9.3	12000	0.881	9000	112	3.99
		5.7	13.1	80/67	7100	5100	0.685	9400	10.4	11800	0.909	8700	116	3.80
		5.7	13.1	85/71	7800	5400	0.681	10100	11.5					
90	1.5	1.5	3.3	65/55	3800	3500	0.809	6600	4.7	13200	0.852	10300	107	4.54
		1.5	3.3	70/59	4500	3600	0.805	7200	5.6	13000	0.875	10000	110	4.35
		1.5	3.3	75/63	5200	4000	0.800	7900	6.5	12800	0.902	9700	114	4.16
		1.5	3.3	80/67	5900	4300	0.796	8600	7.4	12600	0.930	9400	119	3.97
		1.5	3.3	85/71	6600	4700	0.791	9300	8.3					
	2.3	3.2	7.4	65/55	3900	3600	0.792	6600	4.9	13400	0.855	10500	107	4.59
		3.2	7.4	70/59	4600	3700	0.788	7300	5.8	13200	0.877	10200	111	4.41
		3.2	7.4	75/63	5300	4000	0.783	8000	6.8	13000	0.905	9900	115	4.21
		3.2	7.4	80/67	6000	4400	0.779	8700	7.7	12800	0.933	9600	119	4.02
		3.2	7.4	85/71	6700	4800	0.774	9300	8.7					
	3.0	5.7	12.9	65/55	4000	3700	0.775	6600	5.2	13600	0.858	10700	108	4.64
		5.7	12.9	70/59	4700	3800	0.771	7300	6.1	13400	0.880	10400	111	4.46
		5.7	12.9	75/63	5400	4100	0.766	8000	7.0	13200	0.908	10100	116	4.26
		5.7	12.9	80/67	6100	4500	0.762	8700	8.0	13000	0.935	9800	120	4.07
		5.7	12.9	85/71	6900	4900	0.757	9500	9.1					
100	1.5	1.4	3.3	65/55	2900	2900	0.891	5900	3.3					
		1.4	3.3	70/59	3600	3000	0.886	6600	4.1					
		1.4	3.3	75/63	4300	3400	0.882	7300	4.9					
		1.4	3.3	80/67	5000	3700	0.877	8000	5.7					
		1.4	3.3	85/71	5700	4100	0.873	8700	6.5					
	2.3	3.2	7.3	65/55	3000	3000	0.874	6000	3.4					
		3.2	7.3	70/59	3700	3100	0.869	6700	4.3					
		3.2	7.3	75/63	4400	3400	0.865	7400	5.1					
		3.2	7.3	80/67	5100	3800	0.860	8000	5.9					
		3.2	7.3	85/71	5800	4200	0.856	8700	6.8					
	3.0	5.6	12.7	65/55	3100	3100	0.857	6000	3.6					
		5.6	12.7	70/59	3800	3200	0.852	6700	4.5					
		5.6	12.7	75/63	4500	3500	0.848	7400	5.3					
		5.6	12.7	80/67	5200	3900	0.843	8100	6.2					
		5.6	12.7	85/71	5900	4300	0.839	8800	7.0					
110	1.5	1.4	3.3	65/55	1900	2300	0.978	5200	1.9					
		1.4	3.3	70/59	2600	2400	0.973	5900	2.7					
		1.4	3.3	75/63	3300	2800	0.969	6600	3.4					
		1.4	3.3	80/67	4100	3100	0.964	7400	4.3					
		1.4	3.3	85/71	4800	3500	0.960	8100	5.0					
	2.3	3.1	7.2	65/55	2000	2400	0.961	5300	2.1					
		3.1	7.2	70/59	2700	2500	0.956	6000	2.8					
		3.1	7.2	75/63	3500	2800	0.952	6700	3.7					
		3.1	7.2	80/67	4200	3200	0.947	7400	4.4					
		3.1	7.2	85/71	4900	3600	0.943	8100	5.2					
	3.0	5.5	12.6	65/55	2100	2500	0.944	5300	2.2					
		5.5	12.6	70/59	2800	2500	0.939	6000	3.0					
		5.5	12.6	75/63	3600	2900	0.935	6800	3.9					
		5.5	12.6	80/67	4300	3300	0.930	7500	4.6					
		5.5	12.6	85/71	5000	3600	0.926	8200	5.4					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 012 (400 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	2.0	2.6	6.0	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					8700	0.958	5400	86	2.66
		2.6	6.0	70/59						8500	0.988	5100	90	2.52
		2.6	6.0	75/63						8300	1.024	4800	94	2.37
		2.6	6.0	80/67						8100	1.061	4500	99	2.24
		2.6	6.0	85/71										
	3.0	5.2	11.9	65/55						8900	0.959	5600	86	2.72
		5.2	11.9	70/59						8700	0.988	5300	90	2.58
		5.2	11.9	75/63						8500	1.025	5000	95	2.43
		5.2	11.9	80/67						8200	1.062	4600	99	2.26
		5.2	11.9	85/71										
	4.0	8.5	19.3	65/55						9000	0.960	5700	87	2.75
		8.5	19.3	70/59						8900	0.989	5500	90	2.63
		8.5	19.3	75/63						8600	1.026	5100	95	2.45
		8.5	19.3	80/67						8400	1.062	4800	99	2.32
		8.5	19.3	85/71										
30	2.0	2.6	5.8	65/55						10200	0.984	6800	89	3.04
		2.6	5.8	70/59	13100	9300	0.603	15200	21.7	10000	1.014	6500	93	2.89
		2.6	5.8	75/63	13900	9700	0.597	15900	23.3	9800	1.050	6200	98	2.73
		2.6	5.8	80/67	14600	10200	0.592	16600	24.7	9600	1.087	5900	102	2.59
		2.6	5.8	85/71	15400	10700	0.586	17400	26.3					
	3.0	5.1	11.6	65/55	12100	9000	0.594	14100	20.4	10400	0.985	7000	90	3.09
		5.1	11.6	70/59	12900	9000	0.588	14900	21.9	10200	1.014	6700	93	2.95
		5.1	11.6	75/63	13600	9500	0.582	15600	23.4	10000	1.051	6400	98	2.79
		5.1	11.6	80/67	14400	9900	0.576	16400	25.0	9700	1.088	6000	102	2.61
		5.1	11.6	85/71	15100	10400	0.571	17000	26.4					
	4.0	8.2	18.7	65/55	11800	8700	0.578	13800	20.4	10500	0.986	7100	90	3.12
		8.2	18.7	70/59	12600	8700	0.573	14600	22.0	10400	1.015	6900	94	3.00
		8.2	18.7	75/63	13300	9200	0.567	15200	23.5	10100	1.052	6500	98	2.81
		8.2	18.7	80/67	14100	9700	0.561	16000	25.1	9900	1.088	6200	103	2.66
		8.2	18.7	85/71	14800	10100	0.555	16700	26.7					
40	2.0	2.5	5.7	65/55	12700	9600	0.670	15000	19.0	11700	1.010	8300	93	3.39
		2.5	5.7	70/59	13400	9600	0.665	15700	20.2	11500	1.040	8000	96	3.24
		2.5	5.7	75/63	14100	10100	0.659	16300	21.4	11300	1.076	7600	101	3.08
		2.5	5.7	80/67	14900	10600	0.653	17100	22.8	11100	1.113	7300	106	2.92
		2.5	5.7	85/71	15700	11000	0.647	17900	24.3					
	3.0	4.9	11.2	65/55	12400	9400	0.655	14600	18.9	11900	1.011	8400	93	3.45
		4.9	11.2	70/59	13100	9400	0.649	15300	20.2	11700	1.040	8200	97	3.29
		4.9	11.2	75/63	13900	9800	0.644	16100	21.6	11500	1.077	7800	101	3.13
		4.9	11.2	80/67	14600	10300	0.638	16800	22.9	11200	1.114	7400	106	2.94
		4.9	11.2	85/71	15400	10800	0.632	17600	24.4					
	4.0	8.0	18.2	65/55	12100	9100	0.640	14300	18.9	12000	1.012	8500	94	3.47
		8.0	18.2	70/59	12800	9100	0.634	15000	20.2	11900	1.041	8300	97	3.35
		8.0	18.2	75/63	13600	9600	0.628	15700	21.7	11600	1.078	7900	102	3.15
		8.0	18.2	80/67	14300	10000	0.623	16400	23.0	11400	1.114	7600	106	3.00
		8.0	18.2	85/71	15100	10500	0.617	17200	24.5					
50	2.0	2.4	5.5	65/55	12800	9800	0.740	15300	17.3	13200	1.036	9700	96	3.73
		2.4	5.5	70/59	13500	9800	0.735	16000	18.4	13000	1.066	9400	100	3.57
		2.4	5.5	75/63	14300	10300	0.729	16800	19.6	12800	1.102	9000	104	3.40
		2.4	5.5	80/67	15100	10700	0.723	17600	20.9	12600	1.139	8700	109	3.24
		2.4	5.5	85/71	15800	11200	0.717	18200	22.0					
	3.0	4.8	10.9	65/55	12500	9500	0.725	15000	17.2	13400	1.037	9900	97	3.78
		4.8	10.9	70/59	13300	9500	0.720	15800	18.5	13200	1.066	9600	100	3.63
		4.8	10.9	75/63	14000	10000	0.714	16400	19.6	13000	1.103	9200	105	3.45
		4.8	10.9	80/67	14800	10400	0.708	17200	20.9	12700	1.140	8800	109	3.26
		4.8	10.9	85/71	15500	10900	0.702	17900	22.1					
	4.0	7.8	17.7	65/55	12300	9200	0.710	14700	17.3	13500	1.038	10000	97	3.81
		7.8	17.7	70/59	13000	9300	0.705	15400	18.4	13400	1.067	9800	101	3.68
		7.8	17.7	75/63	13700	9700	0.699	16100	19.6	13100	1.104	9300	105	3.47
		7.8	17.7	80/67	14500	10200	0.693	16900	20.9	12900	1.140	9000	110	3.31
		7.8	17.7	85/71	15300	10600	0.687	17600	22.3					
60	2.0	2.4	5.4	65/55	12800	9700	0.819	15600	15.6	14700	1.062	11100	100	4.05
		2.4	5.4	70/59	13500	9700	0.814	16300	16.6	14500	1.092	10800	103	3.89
		2.4	5.4	75/63	14200	10200	0.808	17000	17.6	14300	1.128	10500	108	3.71
		2.4	5.4	80/67	15000	10600	0.802	17700	18.7	14100	1.165	10100	112	3.54
		2.4	5.4	85/71	15700	11100	0.796	18400	19.7					
	3.0	4.7	10.7	65/55	12500	9400	0.804	15200	15.5	14900	1.063	11300	100	4.10
		4.7	10.7	70/59	13200	9500	0.799	15900	16.5	14700	1.093	11000	104	3.94
		4.7	10.7	75/63	14000	9900	0.793	16700	17.7	14500	1.129	10600	108	3.76
		4.7	10.7	80/67	14700	10400	0.787	17400	18.7	14200	1.166	10200	113	3.57
		4.7	10.7	85/71	15500	10800	0.781	18200	19.8					
	4.0	7.6	17.3	65/55	12200	9200	0.789	14900	15.5	15000	1.064	11400	101	4.13
		7.6	17.3	70/59	12900	9200	0.784	15600	16.5	14900	1.093	11200	104	3.99
		7.6	17.3	75/63	13700	9700	0.778	16400	17.6	14600	1.130	10700	109	3.78
		7.6	17.3	80/67	14400	10100	0.772	17000	18.7	14400	1.166	10400	113	3.62
		7.6	17.3	85/71	15200	10600	0.766	17800	19.8					

Size 012 (400 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	2.0	2.3	5.3	65/55	12400	9400	0.906	15500	13.7	16200	1.088	12500	103	4.36
		2.3	5.3	70/59	13100	9500	0.901	16200	14.5	16000	1.118	12200	107	4.19
		2.3	5.3	75/63	13900	9900	0.895	17000	15.5	15800	1.154	11900	111	4.01
		2.3	5.3	80/67	14600	10400	0.889	17600	16.4	15600	1.191	11500	116	3.84
		2.3	5.3	85/71	15400	10800	0.883	18400	17.4					
	3.0	4.6	10.4	65/55	12100	9200	0.891	15100	13.6	16400	1.089	12700	104	4.41
		4.6	10.4	70/59	12800	9200	0.885	15800	14.5	16200	1.119	12400	107	4.24
		4.6	10.4	75/63	13600	9600	0.880	16600	15.5	16000	1.155	12100	112	4.06
		4.6	10.4	80/67	14400	10100	0.874	17400	16.5	15700	1.192	11600	116	3.86
		4.6	10.4	85/71	15100	10600	0.868	18100	17.4					
	4.0	7.4	16.9	65/55	11800	8900	0.876	14800	13.5	16500	1.090	12800	104	4.43
		7.4	16.9	70/59	12600	8900	0.870	15600	14.5	16400	1.119	12600	108	4.29
		7.4	16.9	75/63	13300	9400	0.865	16300	15.4	16100	1.156	12200	112	4.08
		7.4	16.9	80/67	14100	9800	0.859	17000	16.4	15900	1.192	11800	117	3.91
		7.4	16.9	85/71	14800	10300	0.853	17700	17.4					
80	2.0	2.3	5.2	65/55	11600	8900	1.000	15000	11.6	17700	1.114	13900	107	4.65
		2.3	5.2	70/59	12300	9000	0.995	15700	12.4	17500	1.144	13600	110	4.48
		2.3	5.2	75/63	13100	9400	0.989	16500	13.2	17300	1.180	13300	115	4.29
		2.3	5.2	80/67	13900	9900	0.983	17300	14.1	17100	1.217	12900	119	4.11
		2.3	5.2	85/71	14600	10400	0.977	17900	14.9					
	3.0	4.5	10.2	65/55	11300	8700	0.985	14700	11.5	17900	1.115	14100	107	4.70
		4.5	10.2	70/59	12100	8700	0.979	15400	12.4	17700	1.145	13800	111	4.53
		4.5	10.2	75/63	12800	9200	0.974	16100	13.1	17500	1.181	13500	115	4.34
		4.5	10.2	80/67	13600	9600	0.968	16900	14.0	17200	1.218	13000	120	4.13
		4.5	10.2	85/71	14300	10100	0.962	17600	14.9					
	4.0	7.3	16.6	65/55	11100	8400	0.970	14400	11.4	18000	1.116	14200	107	4.72
		7.3	16.6	70/59	11800	8400	0.964	15100	12.2	17900	1.145	14000	111	4.58
		7.3	16.6	75/63	12600	8900	0.959	15900	13.1	17600	1.182	13600	116	4.36
		7.3	16.6	80/67	13300	9400	0.953	16600	14.0	17400	1.218	13200	120	4.18
		7.3	16.6	85/71	14100	9800	0.947	17300	14.9					
90	2.0	2.2	5.1	65/55	10300	8300	1.101	14100	9.4	19200	1.140	15300	110	4.93
		2.2	5.1	70/59	11100	8300	1.095	14800	10.1	19000	1.170	15000	114	4.76
		2.2	5.1	75/63	11800	8700	1.089	15500	10.8	18800	1.206	14700	118	4.56
		2.2	5.1	80/67	12600	9200	1.084	16300	11.6	18600	1.243	14400	123	4.38
		2.2	5.1	85/71	13300	9700	1.078	17000	12.3					
	3.0	4.4	10.1	65/55	10100	8000	1.086	13800	9.3	19400	1.141	15500	111	4.98
		4.4	10.1	70/59	10800	8000	1.080	14500	10.0	19200	1.171	15200	114	4.80
		4.4	10.1	75/63	11500	8500	1.074	15200	10.7	19000	1.207	14900	119	4.61
		4.4	10.1	80/67	12300	8900	1.068	15900	11.5	18700	1.244	14500	123	4.40
		4.4	10.1	85/71	13100	9400	1.063	16700	12.3					
	4.0	7.2	16.3	65/55	9800	7700	1.070	13500	9.2	19500	1.142	15600	111	5.00
		7.2	16.3	70/59	10500	7700	1.065	14100	9.9	19400	1.171	15400	115	4.85
		7.2	16.3	75/63	11300	8200	1.059	14900	10.7	19100	1.208	15000	119	4.63
		7.2	16.3	80/67	12000	8700	1.053	15600	11.4	18900	1.245	14700	124	4.45
		7.2	16.3	85/71	12800	9100	1.048	16400	12.2					
100	2.0	2.2	5.0	65/55	8500	7400	1.207	12600	7.0					
		2.2	5.0	70/59	9200	7400	1.202	13300	7.7					
		2.2	5.0	75/63	9900	7800	1.196	14000	8.3					
		2.2	5.0	80/67	10700	8300	1.190	14800	9.0					
		2.2	5.0	85/71	11400	8800	1.184	15400	9.6					
	3.0	4.4	9.9	65/55	8200	7100	1.192	12300	6.9					
		4.4	9.9	70/59	8900	7100	1.187	13000	7.5					
		4.4	9.9	75/63	9700	7600	1.181	13700	8.2					
		4.4	9.9	80/67	10400	8000	1.175	14400	8.9					
		4.4	9.9	85/71	11200	8500	1.169	15200	9.6					
	4.0	7.1	16.1	65/55	7900	6800	1.177	11900	6.7					
		7.1	16.1	70/59	8600	6800	1.172	12600	7.3					
		7.1	16.1	75/63	9400	7300	1.166	13400	8.1					
		7.1	16.1	80/67	10100	7800	1.160	14100	8.7					
		7.1	16.1	85/71	10900	8200	1.154	14800	9.4					
110	2.0	2.2	5.0	65/55	5900	6200	1.320	10400	4.5					
		2.2	5.0	70/59	6600	6300	1.314	11100	5.0					
		2.2	5.0	75/63	7300	6700	1.308	11800	5.6					
		2.2	5.0	80/67	8100	7200	1.302	12500	6.2					
		2.2	5.0	85/71	8900	7700	1.297	13300	6.9					
	3.0	4.3	9.8	65/55	5600	6000	1.304	10100	4.3					
		4.3	9.8	70/59	6300	6000	1.299	10700	4.8					
		4.3	9.8	75/63	7100	6500	1.293	11500	5.5					
		4.3	9.8	80/67	7800	6900	1.287	12200	6.1					
		4.3	9.8	85/71	8600	7400	1.282	13000	6.7					
	4.0	7.0	15.9	65/55	5300	5700	1.289	9700	4.1					
		7.0	15.9	70/59	6000	5700	1.284	10400	4.7					
		7.0	15.9	75/63	6800	6200	1.278	11200	5.3					
		7.0	15.9	80/67	7600	6700	1.272	11900	6.0					
		7.0	15.9	85/71	8300	7100	1.266	12600	6.6					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 015 (500 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	2.5	1.0	2.4	65/55						9100	0.929	5900	82	2.87
		1.0	2.4	70/59						8800	0.971	5500	86	2.65
		1.0	2.4	75/63						8600	1.014	5100	91	2.48
		1.0	2.4	80/67						8300	1.057	4700	95	2.30
		1.0	2.4	85/71										
	3.8	2.2	4.9	65/55						9700	0.933	6500	83	3.04
		2.2	4.9	70/59						9400	0.976	6100	87	2.82
		2.2	4.9	75/63						9200	1.018	5700	92	2.65
		2.2	4.9	80/67						8900	1.061	5300	96	2.46
		2.2	4.9	85/71										
	5.0	3.6	8.2	65/55						10300	0.937	7100	84	3.22
		3.6	8.2	70/59						10100	0.980	6800	89	3.02
		3.6	8.2	75/63						9800	1.022	6300	93	2.81
		3.6	8.2	80/67						9500	1.065	5900	97	2.61
		3.6	8.2	85/71										
30	2.5	1.0	2.3	65/55						10900	0.959	7600	85	3.33
		1.0	2.3	70/59	16000	10900	0.617	18100	25.9	10700	1.002	7300	90	3.13
		1.0	2.3	75/63	16900	11400	0.611	19000	27.7	10400	1.045	6800	94	2.91
		1.0	2.3	80/67	17800	11900	0.606	19900	29.4	10100	1.087	6400	99	2.72
		1.0	2.3	85/71	18600	12500	0.601	20700	30.9					
	3.8	2.1	4.8	65/55	15500	10500	0.588	17500	26.4	11500	0.963	8200	86	3.50
		2.1	4.8	70/59	16400	11100	0.583	18400	28.1	11300	1.006	7900	91	3.29
		2.1	4.8	75/63	17200	11600	0.578	19200	29.8	11000	1.049	7400	95	3.07
		2.1	4.8	80/67	18100	12100	0.572	20100	31.6	10700	1.091	7000	100	2.87
		2.1	4.8	85/71	19000	12700	0.567	20900	33.5					
	5.0	3.5	8.0	65/55	15800	10700	0.554	17700	28.5	12200	0.967	8900	87	3.69
		3.5	8.0	70/59	16700	11200	0.549	18600	30.4	11900	1.010	8500	92	3.45
		3.5	8.0	75/63	17600	11800	0.544	19500	32.4	11600	1.053	8000	96	3.23
		3.5	8.0	80/67	18500	12300	0.539	20300	34.3	11400	1.096	7700	101	3.05
		3.5	8.0	85/71	19300	12900	0.533	21100	36.2					
40	2.5	1.0	2.2	65/55	15200	10500	0.690	17600	22.0	12800	0.989	9400	89	3.79
		1.0	2.2	70/59	16000	11100	0.685	18300	23.4	12500	1.032	9000	93	3.55
		1.0	2.2	75/63	16900	11600	0.680	19200	24.9	12200	1.075	8500	97	3.32
		1.0	2.2	80/67	17800	12200	0.674	20100	26.4	12000	1.118	8200	102	3.14
		1.0	2.2	85/71	18600	12700	0.669	20900	27.8					
	3.8	2.0	4.6	65/55	15500	10700	0.656	17700	23.6	13400	0.994	10000	90	3.95
		2.0	4.6	70/59	16400	11300	0.651	18600	25.2	13100	1.036	9600	94	3.70
		2.0	4.6	75/63	17300	11800	0.646	19500	26.8	12800	1.079	9100	99	3.47
		2.0	4.6	80/67	18100	12300	0.640	20300	28.3	12600	1.122	8800	103	3.29
		2.0	4.6	85/71	19000	12900	0.635	21200	29.9					
	5.0	3.4	7.7	65/55	15900	10900	0.622	18000	25.6	14000	0.998	10600	91	4.11
		3.4	7.7	70/59	16700	11400	0.617	18800	27.1	13700	1.040	10200	95	3.86
		3.4	7.7	75/63	17600	12000	0.612	19700	28.8	13500	1.083	9800	100	3.65
		3.4	7.7	80/67	18500	12500	0.607	20600	30.5	13200	1.126	9400	104	3.43
		3.4	7.7	85/71	19400	13100	0.601	21500	32.3					
50	2.5	1.0	2.2	65/55	15000	10600	0.765	17600	19.6	14600	1.020	11100	92	4.19
		1.0	2.2	70/59	15800	11100	0.760	18400	20.8	14300	1.063	10700	96	3.94
		1.0	2.2	75/63	16700	11600	0.755	19300	22.1	14100	1.105	10300	101	3.74
		1.0	2.2	80/67	17600	12200	0.749	20200	23.5	13800	1.148	9900	105	3.52
		1.0	2.2	85/71	18500	12700	0.744	21000	24.9					
	3.8	2.0	4.5	65/55	15300	10700	0.731	17800	20.9	15200	1.024	11700	93	4.35
		2.0	4.5	70/59	16200	11300	0.726	18700	22.3	14900	1.067	11300	97	4.09
		2.0	4.5	75/63	17100	11800	0.721	19600	23.7	14700	1.109	10900	102	3.88
		2.0	4.5	80/67	17900	12400	0.716	20300	25.0	14400	1.152	10500	107	3.66
		2.0	4.5	85/71	18800	12900	0.710	21200	26.5					
	5.0	3.3	7.5	65/55	15700	10900	0.698	18100	22.5	15800	1.028	12300	94	4.50
		3.3	7.5	70/59	16600	11500	0.692	19000	24.0	15600	1.071	11900	99	4.27
		3.3	7.5	75/63	17400	12000	0.687	19700	25.3	15300	1.113	11500	103	4.03
		3.3	7.5	80/67	18300	12500	0.682	20600	26.8	15000	1.156	11100	108	3.80
		3.3	7.5	85/71	19200	13100	0.677	21500	28.4					
60	2.5	0.9	2.1	65/55	14600	10500	0.849	17500	17.2	16400	1.050	12800	95	4.57
		0.9	2.1	70/59	15500	11000	0.844	18400	18.4	16200	1.093	12500	100	4.34
		0.9	2.1	75/63	16300	11500	0.838	19200	19.5	15900	1.136	12000	104	4.10
		0.9	2.1	80/67	17200	12100	0.833	20000	20.6	15600	1.178	11600	109	3.88
		0.9	2.1	85/71	18100	12600	0.828	20900	21.9					
	3.8	1.9	4.4	65/55	14900	10600	0.815	17700	18.3	17000	1.054	13400	96	4.72
		1.9	4.4	70/59	15800	11200	0.810	18600	19.5	16800	1.097	13100	101	4.48
		1.9	4.4	75/63	16700	11700	0.804	19400	20.8	16500	1.140	12600	105	4.24
		1.9	4.4	80/67	17600	12300	0.799	20300	22.0	16200	1.182	12200	110	4.01
		1.9	4.4	85/71	18400	12800	0.794	21100	23.2					
	5.0	3.2	7.3	65/55	15300	10800	0.781	18000	19.6	17700	1.058	14100	98	4.90
		3.2	7.3	70/59	16200	11400	0.776	18800	20.9	17400	1.101	13600	102	4.63
		3.2	7.3	75/63	17000	11900	0.771	19600	22.0	17100	1.144	13200	106	4.38
		3.2	7.3	80/67	17900	12400	0.765	20500	23.4	16900	1.187	12800	111	4.17
		3.2	7.3	85/71	18800	13000	0.760	21400	24.7					

Tint = Operation Not Recommended

Refer to "Capacity Table Legend:" on page 94

Size 015 (500 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	2.5	0.9	2.1	65/55	14000	10200	0.942	17200	14.9	18300	1.080	14600	99	4.96
		0.9	2.1	70/59	14900	10800	0.937	18100	15.9	18000	1.123	14200	103	4.69
		0.9	2.1	75/63	15800	11300	0.931	19000	17.0	17700	1.166	13700	108	4.44
		0.9	2.1	80/67	16700	11900	0.926	19900	18.0	17500	1.209	13400	112	4.24
		0.9	2.1	85/71	17500	12400	0.921	20600	19.0					
	3.8	1.9	4.3	65/55	14400	10400	0.908	17500	15.9	18900	1.085	15200	100	5.10
		1.9	4.3	70/59	15300	11000	0.903	18400	16.9	18600	1.127	14800	104	4.83
		1.9	4.3	75/63	16100	11500	0.898	19200	17.9	18300	1.170	14300	109	4.58
		1.9	4.3	80/67	17000	12000	0.892	20000	19.1	18100	1.213	14000	113	4.37
		1.9	4.3	85/71	17900	12600	0.887	20900	20.2					
	5.0	3.2	7.2	65/55	14700	10600	0.874	17700	16.8	19500	1.089	15800	101	5.24
		3.2	7.2	70/59	15600	11100	0.869	18600	18.0	19200	1.131	15300	105	4.97
		3.2	7.2	75/63	16500	11700	0.864	19400	19.1	19000	1.174	15000	110	4.74
		3.2	7.2	80/67	17400	12200	0.859	20300	20.3	18700	1.217	14500	114	4.50
		3.2	7.2	85/71	18200	12800	0.853	21100	21.3					
80	2.5	0.9	2.0	65/55	13300	9900	1.046	16900	12.7	20100	1.111	16300	102	5.30
		0.9	2.0	70/59	14200	10500	1.041	17800	13.6	19800	1.154	15900	106	5.02
		0.9	2.0	75/63	15100	11000	1.035	18600	14.6	19600	1.196	15500	111	4.80
		0.9	2.0	80/67	15900	11600	1.030	19400	15.4	19300	1.239	15100	116	4.56
		0.9	2.0	85/71	16800	12100	1.025	20300	16.4					
	3.8	1.8	4.2	65/55	13700	10100	1.012	17200	13.5	20700	1.115	16900	103	5.44
		1.8	4.2	70/59	14600	10700	1.007	18000	14.5	20400	1.158	16400	108	5.16
		1.8	4.2	75/63	15400	11200	1.002	18800	15.4	20200	1.200	16100	112	4.93
		1.8	4.2	80/67	16300	11700	0.996	19700	16.4	19900	1.243	15700	117	4.69
		1.8	4.2	85/71	17200	12300	0.991	20600	17.4					
	5.0	3.1	7.1	65/55	14000	10300	0.978	17300	14.3	21300	1.119	17500	104	5.57
		3.1	7.1	70/59	14900	10800	0.973	18200	15.3	21100	1.162	17100	109	5.32
		3.1	7.1	75/63	15800	11400	0.968	19100	16.3	20800	1.205	16700	113	5.05
		3.1	7.1	80/67	16700	11900	0.963	20000	17.3	20500	1.247	16200	118	4.81
		3.1	7.1	85/71	17500	12500	0.957	20800	18.3					
90	2.5	0.9	2.0	65/55	12500	9600	1.162	16500	10.8	21900	1.141	18000	105	5.62
		0.9	2.0	70/59	13400	10100	1.157	17300	11.6	21700	1.184	17700	110	5.37
		0.9	2.0	75/63	14200	10700	1.151	18100	12.3	21400	1.227	17200	114	5.11
		0.9	2.0	80/67	15100	11200	1.146	19000	13.2	21100	1.269	16800	119	4.87
		0.9	2.0	85/71	16000	11800	1.141	19900	14.0					
	3.8	1.8	4.1	65/55	12800	9800	1.128	16600	11.3	22500	1.145	18600	106	5.75
		1.8	4.1	70/59	13700	10300	1.123	17500	12.2	22300	1.188	18200	111	5.50
		1.8	4.1	75/63	14600	10900	1.118	18400	13.1	22000	1.231	17800	116	5.23
		1.8	4.1	80/67	15400	11400	1.112	19200	13.8	21700	1.273	17400	120	4.99
		1.8	4.1	85/71	16300	11900	1.107	20100	14.7					
	5.0	3.0	6.9	65/55	13200	10000	1.094	16900	12.1	23200	1.149	19300	108	5.91
		3.0	6.9	70/59	14100	10500	1.089	17800	12.9	22900	1.192	18800	112	5.63
		3.0	6.9	75/63	14900	11000	1.084	18600	13.7	22600	1.235	18400	117	5.36
		3.0	6.9	80/67	15800	11600	1.078	19500	14.7	22400	1.278	18000	121	5.13
		3.0	6.9	85/71	16700	12100	1.073	20400	15.6					
100	2.5	0.9	2.0	65/55	11500	9300	1.291	15900	8.9					
		0.9	2.0	70/59	12400	9800	1.286	16800	9.6					
		0.9	2.0	75/63	13300	10300	1.280	17700	10.4					
		0.9	2.0	80/67	14100	10900	1.275	18500	11.1					
		0.9	2.0	85/71	15000	11400	1.270	19300	11.8					
	3.8	1.8	4.1	65/55	11900	9400	1.257	16200	9.5					
		1.8	4.1	70/59	12700	10000	1.252	17000	10.1					
		1.8	4.1	75/63	13600	10500	1.247	17900	10.9					
		1.8	4.1	80/67	14500	11100	1.241	18700	11.7					
		1.8	4.1	85/71	15300	11600	1.236	19500	12.4					
	5.0	3.0	6.8	65/55	12200	9600	1.223	16400	10.0					
		3.0	6.8	70/59	13100	10200	1.218	17300	10.8					
		3.0	6.8	75/63	14000	10700	1.213	18100	11.5					
		3.0	6.8	80/67	14800	11200	1.208	18900	12.3					
		3.0	6.8	85/71	15700	11800	1.202	19800	13.1					
110	2.5	0.9	2.0	65/55	10400	8900	1.434	15300	7.3					
		0.9	2.0	70/59	11300	9500	1.429	16200	7.9					
		0.9	2.0	75/63	12200	10000	1.424	17100	8.6					
		0.9	2.0	80/67	13000	10600	1.419	17800	9.2					
		0.9	2.0	85/71	13900	11100	1.413	18700	9.8					
	3.8	1.8	4.0	65/55	10800	9100	1.401	15600	7.7					
		1.8	4.0	70/59	11700	9700	1.395	16500	8.4					
		1.8	4.0	75/63	12500	10200	1.390	17200	9.0					
		1.8	4.0	80/67	13400	10700	1.385	18100	9.7					
		1.8	4.0	85/71	14300	11300	1.380	19000	10.4					
	5.0	3.0	6.8	65/55	11100	9300	1.367	15800	8.1					
		3.0	6.8	70/59	12000	9800	1.362	16600	8.8					
		3.0	6.8	75/63	12900	10400	1.356	17500	9.5					
		3.0	6.8	80/67	13800	10900	1.351	18400	10.2					
		3.0	6.8	85/71	14600	11500	1.346	19200	10.8					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 019 (630 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	3.0	1.3	3.0	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					11600	1.099	7800	83	3.09
		1.3	3.0	70/59						11300	1.139	7400	87	2.90
		1.3	3.0	75/63						11100	1.188	7000	91	2.74
		1.3	3.0	80/67						10800	1.238	6600	96	2.55
		1.3	3.0	85/71										
	4.5	3.0	6.8	65/55						12000	1.114	8200	84	3.15
		3.0	6.8	70/59						11800	1.154	7900	87	2.99
		3.0	6.8	75/63						11500	1.203	7400	92	2.80
		3.0	6.8	80/67						11200	1.253	6900	96	2.62
		3.0	6.8	85/71										
	6.0	5.4	12.3	65/55						12400	1.129	8500	84	3.22
		5.4	12.3	70/59						12200	1.169	8200	88	3.06
		5.4	12.3	75/63						11900	1.218	7700	92	2.86
		5.4	12.3	80/67						11600	1.268	7300	97	2.68
		5.4	12.3	85/71										
30	3.0	1.3	2.9	65/55						14000	1.167	10000	86	3.51
		1.3	2.9	70/59	24400	15800	0.857	27300	28.5	13800	1.206	9700	90	3.35
		1.3	2.9	75/63	25500	16400	0.846	28400	30.1	13500	1.256	9200	95	3.15
		1.3	2.9	80/67	26600	17000	0.835	29400	31.9	13300	1.306	8800	99	2.98
		1.3	2.9	85/71	27700	17700	0.823	30500	33.7					
	4.5	2.9	6.6	65/55	23500	15600	0.837	26400	28.1	14500	1.182	10500	87	3.59
		2.9	6.6	70/59	24600	15600	0.826	27400	29.8	14200	1.221	10000	91	3.41
		2.9	6.6	75/63	25700	16200	0.815	28500	31.5	14000	1.271	9700	95	3.23
		2.9	6.6	80/67	26800	16900	0.803	29500	33.4	13700	1.321	9200	100	3.04
		2.9	6.6	85/71	27900	17500	0.792	30600	35.2					
	6.0	5.2	11.9	65/55	23700	15400	0.806	26500	29.4	14900	1.197	10800	88	3.64
		5.2	11.9	70/59	24800	15400	0.794	27500	31.2	14700	1.236	10500	91	3.48
		5.2	11.9	75/63	25900	16100	0.783	28600	33.1	14400	1.286	10000	96	3.28
		5.2	11.9	80/67	27000	16700	0.772	29600	35.0	14100	1.336	9500	101	3.09
		5.2	11.9	85/71	28100	17400	0.760	30700	37.0					
40	3.0	1.2	2.8	65/55	23200	15800	0.975	26500	23.8	16500	1.235	12300	90	3.91
		1.2	2.8	70/59	24300	15800	0.964	27600	25.2	16300	1.274	12000	94	3.75
		1.2	2.8	75/63	25400	16500	0.952	28600	26.7	16000	1.324	11500	98	3.54
		1.2	2.8	80/67	26500	17100	0.941	29700	28.2	15700	1.374	11000	103	3.35
		1.2	2.8	85/71	27600	17800	0.930	30800	29.7					
	4.5	2.8	6.4	65/55	23400	15700	0.943	26600	24.8	16900	1.249	12600	91	3.96
		2.8	6.4	70/59	24500	15700	0.932	27700	26.3	16700	1.289	12300	94	3.79
		2.8	6.4	75/63	25600	16300	0.921	28700	27.8	16400	1.339	11800	99	3.59
		2.8	6.4	80/67	26700	17000	0.909	29800	29.4	16200	1.389	11500	104	3.42
		2.8	6.4	85/71	27800	17600	0.898	30900	31.0					
	6.0	5.1	11.5	65/55	23600	15500	0.912	26700	25.9	17400	1.264	13100	91	4.03
		5.1	11.5	70/59	24700	15500	0.901	27800	27.4	17100	1.304	12600	95	3.84
		5.1	11.5	75/63	25800	16200	0.889	28800	29.0	16900	1.354	12300	100	3.65
		5.1	11.5	80/67	26900	16800	0.878	29900	30.6	16600	1.404	11800	104	3.46
		5.1	11.5	85/71	28000	17400	0.867	31000	32.3					
50	3.0	1.2	2.8	65/55	22500	15800	1.081	26200	20.8	19000	1.302	14600	94	4.27
		1.2	2.8	70/59	23600	15800	1.070	27300	22.1	18800	1.342	14200	97	4.10
		1.2	2.8	75/63	24700	16500	1.058	28300	23.3	18500	1.392	13700	102	3.89
		1.2	2.8	80/67	25800	17100	1.047	29400	24.6	18200	1.442	13300	107	3.70
		1.2	2.8	85/71	26900	17700	1.035	30400	26.0					
	4.5	2.7	6.3	65/55	22700	15700	1.049	26300	21.6	19400	1.317	14900	94	4.31
		2.7	6.3	70/59	23800	15700	1.038	27300	22.9	19200	1.357	14600	98	4.14
		2.7	6.3	75/63	24900	16300	1.027	28400	24.2	18900	1.407	14100	103	3.93
		2.7	6.3	80/67	26000	17000	1.015	29500	25.6	18600	1.457	13600	107	3.74
		2.7	6.3	85/71	27100	17600	1.004	30500	27.0					
	6.0	4.9	11.2	65/55	22900	15500	1.018	26400	22.5	19800	1.332	15300	95	4.35
		4.9	11.2	70/59	24000	15500	1.007	27400	23.8	19600	1.372	14900	99	4.18
		4.9	11.2	75/63	25100	16200	0.995	28500	25.2	19300	1.422	14400	103	3.97
		4.9	11.2	80/67	26200	16800	0.984	29600	26.6	19000	1.472	14000	108	3.78
		4.9	11.2	85/71	27300	17400	0.972	30600	28.1					
60	3.0	1.2	2.7	65/55	21400	15700	1.191	25500	18.0	21500	1.370	16800	97	4.60
		1.2	2.7	70/59	22500	15700	1.180	26500	19.1	21200	1.410	16400	101	4.40
		1.2	2.7	75/63	23600	16400	1.169	27600	20.2	21000	1.460	16000	106	4.21
		1.2	2.7	80/67	24700	17000	1.157	28600	21.3	20700	1.510	15500	110	4.01
		1.2	2.7	85/71	25800	17600	1.146	29700	22.5					
	4.5	2.7	6.1	65/55	21600	15500	1.160	25600	18.6	21900	1.385	17200	98	4.63
		2.7	6.1	70/59	22700	15600	1.149	26600	19.8	21700	1.425	16800	102	4.46
		2.7	6.1	75/63	23800	16200	1.137	27700	20.9	21400	1.475	16400	106	4.25
		2.7	6.1	80/67	24900	16900	1.126	28700	22.1	21100	1.525	15900	111	4.05
		2.7	6.1	85/71	26000	17500	1.114	29800	23.3					
	6.0	4.8	11.0	65/55	21800	15400	1.128	25600	19.3	22300	1.400	17500	99	4.66
		4.8	11.0	70/59	22900	15400	1.117	26700	20.5	22100	1.440	17200	102	4.49
		4.8	11.0	75/63	24000	16100	1.106	27800	21.7	21800	1.490	16700	107	4.28
		4.8	11.0	80/67	25100	16700	1.094	28800	22.9	21500	1.540	16200	111	4.09
		4.8	11.0	85/71	26200	17300	1.083	29900	24.2					

Size 019 (630 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	3.0	1.2	2.6	65/55	20000	15500	1.311	24500	15.3	23900	1.438	19000	101	4.87
		1.2	2.6	70/59	21100	15500	1.300	25500	16.2	23700	1.478	18700	105	4.70
		1.2	2.6	75/63	22300	16100	1.288	26700	17.3	23400	1.528	18200	109	4.48
		1.2	2.6	80/67	23400	16800	1.277	27800	18.3	23100	1.577	17700	114	4.29
		1.2	2.6	85/71	24500	17400	1.266	28800	19.4					
	4.5	2.6	6.0	65/55	20200	15300	1.280	24600	15.8	24400	1.453	19400	102	4.92
		2.6	6.0	70/59	21300	15300	1.268	25600	16.8	24100	1.493	19000	105	4.73
		2.6	6.0	75/63	22500	16000	1.257	26800	17.9	23800	1.543	18500	110	4.52
		2.6	6.0	80/67	23600	16600	1.246	27900	18.9	23600	1.592	18200	114	4.34
		2.6	6.0	85/71	24700	17300	1.234	28900	20.0					
	6.0	4.7	10.7	65/55	20400	15200	1.248	24700	16.3	24800	1.468	19800	102	4.95
		4.7	10.7	70/59	21500	15200	1.237	25700	17.4	24500	1.508	19400	106	4.76
		4.7	10.7	75/63	22700	15800	1.225	26900	18.5	24300	1.558	19000	111	4.57
		4.7	10.7	80/67	23800	16500	1.214	27900	19.6	24000	1.607	18500	115	4.37
		4.7	10.7	85/71	24900	17100	1.203	29000	20.7					
80	3.0	1.1	2.6	65/55	18500	15100	1.445	23400	12.8	26400	1.506	21300	105	5.13
		1.1	2.6	70/59	19600	15100	1.434	24500	13.7	26200	1.546	20900	108	4.96
		1.1	2.6	75/63	20700	15800	1.422	25600	14.6	25900	1.595	20500	113	4.75
		1.1	2.6	80/67	21800	16400	1.411	26600	15.5	25600	1.645	20000	117	4.56
		1.1	2.6	85/71	23000	17000	1.400	27800	16.4					
	4.5	2.6	5.9	65/55	18700	14900	1.413	23500	13.2	26800	1.521	21600	105	5.16
		2.6	5.9	70/59	19800	15000	1.402	24600	14.1	26600	1.561	21300	109	4.99
		2.6	5.9	75/63	20900	15600	1.391	25600	15.0	26300	1.610	20800	113	4.78
		2.6	5.9	80/67	22000	16200	1.379	26700	16.0	26000	1.660	20300	118	4.59
		2.6	5.9	85/71	23200	16900	1.368	27900	17.0					
	6.0	4.6	10.5	65/55	18900	14800	1.382	23600	13.7	27200	1.536	22000	106	5.19
		4.6	10.5	70/59	20000	14800	1.371	24700	14.6	27000	1.576	21600	109	5.02
		4.6	10.5	75/63	21100	15500	1.359	25700	15.5	26700	1.625	21200	114	4.81
		4.6	10.5	80/67	22200	16100	1.348	26800	16.5	26500	1.675	20800	119	4.63
		4.6	10.5	85/71	23400	16700	1.337	28000	17.5					
90	3.0	1.1	2.5	65/55	17000	14500	1.598	22500	10.6	28900	1.574	23500	108	5.38
		1.1	2.5	70/59	18100	14600	1.587	23500	11.4	28700	1.614	23200	112	5.21
		1.1	2.5	75/63	19200	15200	1.575	24600	12.2	28400	1.663	22700	117	5.00
		1.1	2.5	80/67	20300	15900	1.564	25600	13.0	28100	1.713	22300	121	4.80
		1.1	2.5	85/71	21400	16500	1.552	26700	13.8					
	4.5	2.5	5.8	65/55	17200	14400	1.566	22500	11.0	29300	1.589	23900	109	5.40
		2.5	5.8	70/59	18300	14400	1.555	23600	11.8	29100	1.629	23500	113	5.23
		2.5	5.8	75/63	19400	15100	1.544	24700	12.6	28800	1.678	23100	117	5.03
		2.5	5.8	80/67	20500	15700	1.532	25700	13.4	28500	1.728	22600	122	4.83
		2.5	5.8	85/71	21600	16300	1.521	26800	14.2					
	6.0	4.5	10.4	65/55	17400	14200	1.535	22600	11.3	29700	1.604	24200	109	5.42
		4.5	10.4	70/59	18500	14300	1.524	23700	12.1	29500	1.643	23900	113	5.26
		4.5	10.4	75/63	19600	14900	1.512	24800	13.0	29200	1.693	23400	118	5.05
		4.5	10.4	80/67	20700	15500	1.501	25800	13.8	28900	1.743	23000	122	4.85
		4.5	10.4	85/71	21800	16200	1.489	26900	14.6					
100	3.0	1.1	2.5	65/55	15500	13800	1.774	21600	8.7					
		1.1	2.5	70/59	16600	13800	1.763	22600	9.4					
		1.1	2.5	75/63	17700	14500	1.752	23700	10.1					
		1.1	2.5	80/67	18800	15100	1.740	24700	10.8					
		1.1	2.5	85/71	20000	15800	1.729	25900	11.6					
	4.5	2.5	5.7	65/55	15700	13700	1.743	21600	9.0					
		2.5	5.7	70/59	16800	13700	1.732	22700	9.7					
		2.5	5.7	75/63	17900	14300	1.720	23800	10.4					
		2.5	5.7	80/67	19000	15000	1.709	24800	11.1					
		2.5	5.7	85/71	20200	15600	1.697	26000	11.9					
	6.0	4.5	10.2	65/55	15900	13500	1.711	21700	9.3					
		4.5	10.2	70/59	17000	13500	1.700	22800	10.0					
		4.5	10.2	75/63	18100	14200	1.689	23900	10.7					
		4.5	10.2	80/67	19200	14800	1.677	24900	11.4					
		4.5	10.2	85/71	20400	15400	1.666	26100	12.2					
110	3.0	1.1	2.5	65/55	14300	12900	1.979	21100	7.2					
		1.1	2.5	70/59	15400	12900	1.968	22100	7.8					
		1.1	2.5	75/63	16500	13500	1.957	23200	8.4					
		1.1	2.5	80/67	17600	14200	1.945	24200	9.0					
		1.1	2.5	85/71	18700	14800	1.934	25300	9.7					
	4.5	2.5	5.6	65/55	14500	12700	1.948	21100	7.4					
		2.5	5.6	70/59	15600	12800	1.937	22200	8.1					
		2.5	5.6	75/63	16700	13400	1.925	23300	8.7					
		2.5	5.6	80/67	17800	14000	1.914	24300	9.3					
		2.5	5.6	85/71	18900	14700	1.903	25400	9.9					
	6.0	4.4	10.1	65/55	14700	12600	1.916	21200	7.7					
		4.4	10.1	70/59	15800	12600	1.905	22300	8.3					
		4.4	10.1	75/63	16900	13200	1.894	23400	8.9					
		4.4	10.1	80/67	18000	13900	1.882	24400	9.6					
		4.4	10.1	85/71	19100	14500	1.871	25500	10.2					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 024 (800 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	4.0	2.4	5.4	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					14700	1.499	9600	83	2.87
		2.4	5.4	70/59						14600	1.556	9300	87	2.75
		2.4	5.4	75/63						14300	1.626	8800	91	2.58
		2.4	5.4	80/67						14100	1.697	8300	96	2.43
		2.4	5.4	85/71										
	6.0	5.3	12.2	65/55						15300	1.510	10100	84	2.97
		5.3	12.2	70/59						15100	1.567	9800	87	2.82
		5.3	12.2	75/63						14900	1.637	9300	92	2.67
		5.3	12.2	80/67						14700	1.708	8900	97	2.52
		5.3	12.2	85/71										
	8.0	9.5	21.7	65/55						15900	1.522	10700	84	3.06
		9.5	21.7	70/59						15700	1.578	10300	88	2.91
		9.5	21.7	75/63						15500	1.649	9900	93	2.75
		9.5	21.7	80/67						15200	1.719	9300	97	2.59
		9.5	21.7	85/71										
30	4.0	2.3	5.3	65/55						17600	1.584	12200	86	3.25
		2.3	5.3	70/59	25100	20400	1.059	28700	23.7	17400	1.641	11800	90	3.10
		2.3	5.3	75/63	26700	20000	1.075	30400	24.8	17200	1.711	11400	95	2.94
		2.3	5.3	80/67	28300	19600	1.091	32000	25.9	17000	1.782	10900	100	2.79
		2.3	5.3	85/71	29800	19300	1.107	33600	26.9					
	6.0	5.2	11.8	65/55	23600	21500	1.036	27100	22.8	18200	1.595	12800	87	3.34
		5.2	11.8	70/59	25200	20400	1.051	28800	24.0	18000	1.652	12400	91	3.19
		5.2	11.8	75/63	26800	20000	1.067	30400	25.1	17800	1.722	11900	95	3.03
		5.2	11.8	80/67	28300	19700	1.083	32000	26.1	17500	1.793	11400	100	2.86
		5.2	11.8	85/71	29900	19300	1.099	33700	27.2					
	8.0	9.2	21.0	65/55	23700	21600	1.028	27200	23.1	18800	1.607	13300	88	3.43
		9.2	21.0	70/59	25200	20400	1.043	28800	24.2	18600	1.663	12900	91	3.27
		9.2	21.0	75/63	26800	20000	1.059	30400	25.3	18400	1.733	12500	96	3.11
		9.2	21.0	80/67	28400	19700	1.075	32100	26.4	18100	1.804	11900	101	2.94
		9.2	21.0	85/71	30000	19300	1.092	33700	27.5					
40	4.0	2.2	5.1	65/55	24500	22100	1.149	28400	21.3	20500	1.669	14800	90	3.60
		2.2	5.1	70/59	26100	21000	1.164	30100	22.4	20300	1.725	14400	93	3.45
		2.2	5.1	75/63	27700	20600	1.181	31700	23.5	20100	1.796	14000	98	3.28
		2.2	5.1	80/67	29200	20200	1.197	33300	24.4	19900	1.866	13500	103	3.12
		2.2	5.1	85/71	30800	19900	1.213	34900	25.4					
	6.0	5.0	11.5	65/55	24600	22100	1.141	28500	21.6	21100	1.680	15400	90	3.68
		5.0	11.5	70/59	26200	21000	1.157	30100	22.6	20900	1.737	15000	94	3.52
		5.0	11.5	75/63	27700	20600	1.173	31700	23.6	20700	1.807	14500	99	3.35
		5.0	11.5	80/67	29300	20300	1.189	33400	24.6	20400	1.878	14000	103	3.18
		5.0	11.5	85/71	30900	19900	1.205	35000	25.6					
	8.0	8.9	20.4	65/55	24700	22200	1.134	28600	21.8	21700	1.691	15900	91	3.76
		8.9	20.4	70/59	26200	21000	1.149	30100	22.8	21500	1.748	15500	95	3.60
		8.9	20.4	75/63	27800	20600	1.165	31800	23.9	21200	1.818	15000	99	3.41
		8.9	20.4	80/67	29400	20300	1.181	33400	24.9	21000	1.889	14600	104	3.26
		8.9	20.4	85/71	31000	19900	1.197	35100	25.9					
50	4.0	2.2	5.0	65/55	24600	22200	1.277	29000	19.3	23400	1.754	17400	93	3.91
		2.2	5.0	70/59	26200	21100	1.292	30600	20.3	23200	1.810	17000	97	3.75
		2.2	5.0	75/63	27700	20700	1.308	32200	21.2	23000	1.881	16600	101	3.58
		2.2	5.0	80/67	29300	20300	1.324	33800	22.1	22800	1.951	16100	106	3.42
		2.2	5.0	85/71	30900	20000	1.340	35500	23.1					
	6.0	4.9	11.2	65/55	24700	22300	1.269	29000	19.5	24000	1.765	18000	94	3.98
		4.9	11.2	70/59	26200	21100	1.284	30600	20.4	23800	1.821	17600	97	3.83
		4.9	11.2	75/63	27800	20700	1.300	32200	21.4	23600	1.892	17100	102	3.65
		4.9	11.2	80/67	29400	20400	1.317	33900	22.3	23300	1.962	16600	107	3.48
		4.9	11.2	85/71	31000	20000	1.333	35500	23.3					
	8.0	8.7	19.9	65/55	24700	22300	1.261	29000	19.6	24600	1.776	18500	94	4.06
		8.7	19.9	70/59	26300	21100	1.277	30700	20.6	24400	1.833	18100	98	3.90
		8.7	19.9	75/63	27900	20800	1.293	32300	21.6	24100	1.903	17600	103	3.71
		8.7	19.9	80/67	29500	20400	1.309	34000	22.5	23900	1.974	17200	108	3.55
		8.7	19.9	85/71	31000	20000	1.325	35500	23.4					
60	4.0	2.1	4.8	65/55	23700	21900	1.423	28600	16.7	26300	1.839	20000	96	4.19
		2.1	4.8	70/59	25300	20700	1.439	30200	17.6	26100	1.895	19600	100	4.03
		2.1	4.8	75/63	26900	20300	1.455	31900	18.5	25900	1.966	19200	105	3.86
		2.1	4.8	80/67	28500	20000	1.471	33500	19.4	25600	2.036	18700	109	3.68
		2.1	4.8	85/71	30000	19600	1.487	35100	20.2					
	6.0	4.8	10.9	65/55	23800	21900	1.416	28600	16.8	26900	1.850	20600	97	4.26
		4.8	10.9	70/59	25400	20700	1.431	30300	17.7	26700	1.906	20200	101	4.10
		4.8	10.9	75/63	26900	20400	1.447	31800	18.6	26400	1.977	19700	105	3.91
		4.8	10.9	80/67	28500	20000	1.463	33500	19.5	26200	2.047	19200	110	3.75
		4.8	10.9	85/71	30100	19600	1.479	35100	20.4					
	8.0	8.5	19.4	65/55	23900	21900	1.408	28700	17.0	27400	1.861	21000	98	4.31
		8.5	19.4	70/59	25400	20700	1.423	30300	17.8	27300	1.918	20800	101	4.17
		8.5	19.4	75/63	27000	20400	1.439	31900	18.8	27000	1.988	20200	106	3.98
		8.5	19.4	80/67	28600	20000	1.455	33600	19.7	26800	2.059	19800	111	3.81
		8.5	19.4	85/71	30200	19700	1.471	35200	20.5					

Size 024 (800 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	4.0	2.1	4.7	65/55	22200	21100	1.586	27600	14.0	29200	1.924	22600	100	4.44
		2.1	4.7	70/59	23800	19900	1.601	29300	14.9	29000	1.980	22200	103	4.29
		2.1	4.7	75/63	25400	19500	1.617	30900	15.7	28800	2.051	21800	108	4.11
		2.1	4.7	80/67	26900	19200	1.633	32500	16.5	28500	2.121	21300	113	3.93
		2.1	4.7	85/71	28500	18800	1.650	34100	17.3					
	6.0	4.7	10.7	65/55	22300	21100	1.578	27700	14.1	29800	1.935	23200	100	4.51
		4.7	10.7	70/59	23800	19900	1.593	29200	14.9	29600	1.991	22800	104	4.35
		4.7	10.7	75/63	25400	19600	1.610	30900	15.8	29300	2.062	22300	109	4.16
		4.7	10.7	80/67	27000	19200	1.626	32500	16.6	29100	2.132	21800	113	4.00
		4.7	10.7	85/71	28600	18800	1.642	34200	17.4					
	8.0	8.3	19.0	65/55	22300	21100	1.570	27700	14.2	30300	1.946	23700	101	4.56
		8.3	19.0	70/59	23900	19900	1.586	29300	15.1	30100	2.002	23300	105	4.40
		8.3	19.0	75/63	25500	19600	1.602	31000	15.9	29900	2.073	22800	109	4.22
		8.3	19.0	80/67	27100	19200	1.618	32600	16.7	29700	2.143	22400	114	4.06
		8.3	19.0	85/71	28600	18900	1.634	34200	17.5					
80	4.0	2.0	4.7	65/55	20500	20000	1.761	26500	11.6	32100	2.008	25200	103	4.68
		2.0	4.7	70/59	22100	18800	1.777	28200	12.4	31900	2.065	24900	107	4.52
		2.0	4.7	75/63	23600	18500	1.793	29700	13.2	31700	2.135	24400	111	4.35
		2.0	4.7	80/67	25200	18100	1.809	31400	13.9	31400	2.206	23900	116	4.17
		2.0	4.7	85/71	26800	17800	1.825	33000	14.7					
	6.0	4.6	10.5	65/55	20500	20000	1.754	26500	11.7	32600	2.020	25700	104	4.73
		4.6	10.5	70/59	22100	18900	1.769	28100	12.5	32500	2.076	25400	107	4.58
		4.6	10.5	75/63	23700	18500	1.785	29800	13.3	32200	2.147	24900	112	4.39
		4.6	10.5	80/67	25300	18100	1.801	31400	14.0	32000	2.217	24400	117	4.23
		4.6	10.5	85/71	26800	17800	1.817	33000	14.7					
	8.0	8.2	18.6	65/55	20600	20100	1.746	26600	11.8	33200	2.031	26300	104	4.79
		8.2	18.6	70/59	22200	18900	1.761	28200	12.6	33000	2.087	25900	108	4.63
		8.2	18.6	75/63	23800	18500	1.777	29900	13.4	32800	2.158	25400	113	4.45
		8.2	18.6	80/67	25300	18200	1.793	31400	14.1	32600	2.228	25000	118	4.28
		8.2	18.6	85/71	26900	17800	1.809	33100	14.9					
90	4.0	2.0	4.6	65/55	18900	18900	1.947	25500	9.7	35000	2.093	27900	106	4.90
		2.0	4.6	70/59	20500	17700	1.962	27200	10.4	34800	2.150	27500	110	4.74
		2.0	4.6	75/63	22000	17400	1.978	28800	11.1	34500	2.220	26900	115	4.55
		2.0	4.6	80/67	23600	17000	1.994	30400	11.8	34300	2.291	26500	119	4.38
		2.0	4.6	85/71	25200	16600	2.010	32100	12.5					
	6.0	4.5	10.3	65/55	19000	18900	1.939	25600	9.8	35500	2.105	28300	107	4.94
		4.5	10.3	70/59	20500	17700	1.954	27200	10.5	35300	2.161	27900	111	4.78
		4.5	10.3	75/63	22100	17400	1.970	28800	11.2	35100	2.231	27500	115	4.61
		4.5	10.3	80/67	23700	17000	1.987	30500	11.9	34900	2.302	27000	120	4.44
		4.5	10.3	85/71	25300	16700	2.003	32100	12.6					
	8.0	8.0	18.3	65/55	19000	18900	1.931	25600	9.8	36100	2.116	28900	108	5.00
		8.0	18.3	70/59	20600	17800	1.947	27200	10.6	35900	2.172	28500	111	4.84
		8.0	18.3	75/63	22200	17400	1.963	28900	11.3	35700	2.243	28000	116	4.66
		8.0	18.3	80/67	23800	17100	1.979	30600	12.0	35500	2.313	27600	121	4.49
		8.0	18.3	85/71	25300	16700	1.995	32100	12.7					
100	4.0	2.0	4.5	65/55	17600	18000	2.139	24900	8.2					
		2.0	4.5	70/59	19100	16800	2.154	26500	8.9					
		2.0	4.5	75/63	20700	16500	2.171	28100	9.5					
		2.0	4.5	80/67	22300	16100	2.187	29800	10.2					
		2.0	4.5	85/71	23900	15800	2.203	31400	10.8					
	6.0	4.5	10.2	65/55	17600	18000	2.131	24900	8.3					
		4.5	10.2	70/59	19200	16900	2.147	26500	8.9					
		4.5	10.2	75/63	20800	16500	2.163	28200	9.6					
		4.5	10.2	80/67	22300	16200	2.179	29700	10.2					
		4.5	10.2	85/71	23900	15800	2.195	31400	10.9					
	8.0	7.9	18.1	65/55	17700	18100	2.124	24900	8.3					
		7.9	18.1	70/59	19300	16900	2.139	26600	9.0					
		7.9	18.1	75/63	20800	16500	2.155	28200	9.7					
		7.9	18.1	80/67	22400	16200	2.171	29800	10.3					
		7.9	18.1	85/71	24000	15800	2.187	31500	11.0					
110	4.0	2.0	4.5	65/55	16100	17700	2.335	24100	6.9					
		2.0	4.5	70/59	17700	16600	2.351	25700	7.5					
		2.0	4.5	75/63	19200	16200	2.367	27300	8.1					
		2.0	4.5	80/67	20800	15900	2.383	28900	8.7					
		2.0	4.5	85/71	22400	15500	2.399	30600	9.3					
	6.0	4.4	10.0	65/55	16200	17800	2.328	24100	7.0					
		4.4	10.0	70/59	17700	16600	2.343	25700	7.6					
		4.4	10.0	75/63	19300	16200	2.359	27400	8.2					
		4.4	10.0	80/67	20900	15900	2.375	29000	8.8					
		4.4	10.0	85/71	22500	15500	2.391	30700	9.4					
	8.0	7.8	17.9	65/55	16200	17800	2.320	24100	7.0					
		7.8	17.9	70/59	17800	16600	2.335	25800	7.6					
		7.8	17.9	75/63	19400	16300	2.351	27400	8.3					
		7.8	17.9	80/67	20900	15900	2.367	29000	8.8					
		7.8	17.9	85/71	22500	15600	2.384	30600	9.4					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 030 (1000 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	5.0	1.3	2.9	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					18600	1.963	11900	83	2.77
		1.3	2.9	70/59						18400	2.037	11400	87	2.64
		1.3	2.9	75/63						18200	2.129	10900	92	2.50
		1.3	2.9	80/67						18000	2.222	10400	97	2.37
		1.3	2.9	85/71										
	7.5	2.9	6.6	65/55						19500	1.980	12700	84	2.88
		2.9	6.6	70/59						19300	2.054	12300	88	2.75
		2.9	6.6	75/63						19100	2.147	11800	93	2.60
		2.9	6.6	80/67						18900	2.239	11300	97	2.47
		2.9	6.6	85/71										
	10.0	5.2	11.8	65/55						20400	1.998	13600	85	2.99
		5.2	11.8	70/59						20200	2.072	13100	89	2.85
		5.2	11.8	75/63						20000	2.164	12600	93	2.71
		5.2	11.8	80/67						19800	2.257	12100	98	2.57
		5.2	11.8	85/71										
30	5.0	1.3	2.9	65/55						22200	2.030	15300	86	3.20
		1.3	2.9	70/59	26300	19400	1.231	30500	21.4	22100	2.104	14900	90	3.08
		1.3	2.9	75/63	28300	20100	1.251	32600	22.6	21900	2.196	14400	95	2.92
		1.3	2.9	80/67	30300	20700	1.271	34600	23.8	21700	2.289	13900	100	2.78
		1.3	2.9	85/71	32200	21300	1.291	36600	24.9					
	7.5	2.8	6.4	65/55	24500	19800	1.200	28600	20.4	23100	2.047	16100	87	3.30
		2.8	6.4	70/59	26400	19400	1.219	30600	21.7	23000	2.121	15800	91	3.18
		2.8	6.4	75/63	28400	20100	1.239	32600	22.9	22800	2.214	15200	96	3.02
		2.8	6.4	80/67	30400	20700	1.259	34700	24.1	22600	2.306	14700	101	2.87
		2.8	6.4	85/71	32300	21400	1.279	36700	25.3					
	10.0	5.0	11.4	65/55	24600	19800	1.188	28700	20.7	24000	2.065	17000	88	3.40
		5.0	11.4	70/59	26500	19500	1.207	30600	22.0	23900	2.139	16600	92	3.27
		5.0	11.4	75/63	28500	20100	1.227	32700	23.2	23700	2.231	16100	97	3.11
		5.0	11.4	80/67	30500	20800	1.247	34800	24.5	23500	2.324	15600	102	2.96
		5.0	11.4	85/71	32500	21400	1.267	36800	25.7					
40	5.0	1.2	2.8	65/55	26100	20900	1.356	30700	19.2	25900	2.097	18700	90	3.62
		1.2	2.8	70/59	28000	20500	1.375	32700	20.4	25700	2.171	18300	94	3.47
		1.2	2.8	75/63	30000	21200	1.395	34800	21.5	25500	2.263	17800	98	3.30
		1.2	2.8	80/67	32000	21800	1.416	36800	22.6	25300	2.356	17300	103	3.14
		1.2	2.8	85/71	33900	22500	1.436	38800	23.6					
	7.5	2.7	6.2	65/55	26200	20900	1.344	30800	19.5	26800	2.114	19600	91	3.71
		2.7	6.2	70/59	28100	20600	1.363	32800	20.6	26600	2.188	19100	94	3.56
		2.7	6.2	75/63	30100	21200	1.383	34800	21.8	26400	2.281	18600	99	3.39
		2.7	6.2	80/67	32100	21900	1.403	36900	22.9	26200	2.373	18100	104	3.23
		2.7	6.2	85/71	34000	22500	1.424	38900	23.9					
	10.0	4.9	11.1	65/55	26300	21000	1.332	30800	19.7	27700	2.132	20400	92	3.80
		4.9	11.1	70/59	28200	20600	1.351	32800	20.9	27500	2.206	20000	95	3.65
		4.9	11.1	75/63	30200	21300	1.371	34900	22.0	27300	2.298	19500	100	3.48
		4.9	11.1	80/67	32200	21900	1.391	36900	23.1	27100	2.391	18900	105	3.32
		4.9	11.1	85/71	34100	22600	1.411	38900	24.2					
50	5.0	1.2	2.7	65/55	26800	21500	1.501	31900	17.9	29500	2.164	22100	93	3.99
		1.2	2.7	70/59	28800	21100	1.520	34000	18.9	29400	2.238	21800	97	3.85
		1.2	2.7	75/63	30700	21800	1.540	36000	19.9	29100	2.330	21100	102	3.66
		1.2	2.7	80/67	32700	22400	1.560	38000	21.0	28900	2.423	20600	107	3.49
		1.2	2.7	85/71	34700	23100	1.580	40100	22.0					
	7.5	2.7	6.1	65/55	26900	21500	1.488	32000	18.1	30400	2.181	23000	94	4.08
		2.7	6.1	70/59	28900	21200	1.508	34000	19.2	30300	2.255	22600	98	3.93
		2.7	6.1	75/63	30800	21800	1.528	36000	20.2	30000	2.348	22000	103	3.74
		2.7	6.1	80/67	32800	22500	1.548	38100	21.2	29800	2.440	21500	107	3.58
		2.7	6.1	85/71	34800	23100	1.568	40200	22.2					
	10.0	4.7	10.8	65/55	27000	21600	1.476	32000	18.3	31300	2.199	23800	95	4.17
		4.7	10.8	70/59	29000	21200	1.495	34100	19.4	31200	2.273	23400	99	4.02
		4.7	10.8	75/63	30900	21900	1.516	36100	20.4	30900	2.365	22800	103	3.83
		4.7	10.8	80/67	32900	22500	1.536	38100	21.4	30700	2.458	22300	108	3.66
		4.7	10.8	85/71	34900	23200	1.556	40200	22.4					
60	5.0	1.2	2.6	65/55	26800	21600	1.652	32400	16.2	33200	2.231	25600	97	4.36
		1.2	2.6	70/59	28700	21300	1.671	34400	17.2	33000	2.305	25100	100	4.19
		1.2	2.6	75/63	30700	21900	1.691	36500	18.2	32800	2.397	24600	105	4.01
		1.2	2.6	80/67	32700	22600	1.711	38500	19.1	32600	2.490	24100	110	3.83
		1.2	2.6	85/71	34600	23200	1.731	40500	20.0					
	7.5	2.6	5.9	65/55	26900	21700	1.640	32500	16.4	34100	2.248	26400	97	4.44
		2.6	5.9	70/59	28800	21300	1.659	34500	17.4	33900	2.322	26000	101	4.27
		2.6	5.9	75/63	30800	22000	1.679	36500	18.3	33700	2.415	25500	106	4.09
		2.6	5.9	80/67	32800	22600	1.699	38600	19.3	33500	2.507	24900	111	3.91
		2.6	5.9	85/71	34700	23300	1.719	40600	20.2					
	10.0	4.6	10.5	65/55	27000	21700	1.627	32600	16.6	35000	2.266	27300	98	4.52
		4.6	10.5	70/59	28900	21400	1.646	34500	17.6	34800	2.340	26800	102	4.35
		4.6	10.5	75/63	30900	22000	1.667	36600	18.5	34600	2.432	26300	107	4.17
		4.6	10.5	80/67	32900	22700	1.687	38700	19.5	34400	2.525	25800	112	3.99
		4.6	10.5	85/71	34800	23300	1.707	40600	20.4					

Size 030 (1000 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	5.0	1.1	2.6	65/55	26100	21500	1.816	32300	14.4	36800	2.298	29000	100	4.69
		1.1	2.6	70/59	28100	21100	1.835	34400	15.3	36600	2.372	28500	104	4.52
		1.1	2.6	75/63	30000	21700	1.855	36300	16.2	36400	2.465	28000	109	4.32
		1.1	2.6	80/67	32000	22400	1.875	38400	17.1	36200	2.557	27500	113	4.15
		1.1	2.6	85/71	34000	23000	1.895	40500	17.9					
	7.5	2.5	5.8	65/55	26200	21500	1.804	32400	14.5	37700	2.316	29800	101	4.77
		2.5	5.8	70/59	28200	21100	1.823	34400	15.5	37500	2.390	29300	105	4.59
		2.5	5.8	75/63	30100	21800	1.843	36400	16.3	37300	2.482	28800	109	4.40
		2.5	5.8	80/67	32100	22400	1.863	38500	17.2	37100	2.575	28300	114	4.22
		2.5	5.8	85/71	34100	23100	1.883	40500	18.1					
	10.0	4.5	10.3	65/55	26300	21500	1.792	32400	14.7	38600	2.333	30600	102	4.84
		4.5	10.3	70/59	28300	21200	1.811	34500	15.6	38400	2.407	30200	105	4.67
		4.5	10.3	75/63	30200	21800	1.831	36400	16.5	38200	2.500	29700	110	4.47
		4.5	10.3	80/67	32200	22500	1.851	38500	17.4	38000	2.592	29200	115	4.29
		4.5	10.3	85/71	34200	23100	1.871	40600	18.3					
80	5.0	1.1	2.5	65/55	25000	21000	2.000	31800	12.5	40400	2.365	32300	103	5.00
		1.1	2.5	70/59	26900	20700	2.019	33800	13.3	40300	2.439	32000	107	4.84
		1.1	2.5	75/63	28900	21300	2.039	35900	14.2	40100	2.532	31500	112	4.64
		1.1	2.5	80/67	30900	22000	2.060	37900	15.0	39900	2.624	30900	117	4.45
		1.1	2.5	85/71	32800	22600	2.080	39900	15.8					
	7.5	2.5	5.7	65/55	25100	21100	1.988	31900	12.6	41300	2.383	33200	104	5.07
		2.5	5.7	70/59	27000	20700	2.007	33800	13.5	41200	2.457	32800	108	4.91
		2.5	5.7	75/63	29000	21400	2.027	35900	14.3	41000	2.549	32300	113	4.71
		2.5	5.7	80/67	31000	22000	2.047	38000	15.1	40800	2.642	31800	118	4.52
		2.5	5.7	85/71	32900	22600	2.068	40000	15.9					
	10.0	4.4	10.1	65/55	25200	21100	1.976	31900	12.8	42200	2.400	34000	105	5.15
		4.4	10.1	70/59	27100	20700	1.995	33900	13.6	42100	2.474	33700	109	4.98
		4.4	10.1	75/63	29100	21400	2.015	36000	14.4	41900	2.567	33100	114	4.78
		4.4	10.1	80/67	31100	22000	2.035	38000	15.3	41600	2.659	32500	118	4.58
		4.4	10.1	85/71	33000	22700	2.055	40000	16.1					
90	5.0	1.1	2.5	65/55	23500	20500	2.211	31000	10.6	44100	2.432	35800	107	5.31
		1.1	2.5	70/59	25500	20100	2.230	33100	11.4	43900	2.506	35300	110	5.13
		1.1	2.5	75/63	27500	20700	2.250	35200	12.2	43700	2.599	34800	115	4.92
		1.1	2.5	80/67	29400	21400	2.270	37100	13.0	43500	2.691	34300	120	4.73
		1.1	2.5	85/71	31400	22000	2.290	39200	13.7					
	7.5	2.5	5.6	65/55	23600	20500	2.199	31100	10.7	45000	2.450	36600	107	5.38
		2.5	5.6	70/59	25600	20100	2.218	33200	11.5	44800	2.524	36200	111	5.20
		2.5	5.6	75/63	27600	20800	2.238	35200	12.3	44600	2.616	35700	116	4.99
		2.5	5.6	80/67	29500	21400	2.258	37200	13.1	44400	2.709	35200	121	4.80
		2.5	5.6	85/71	31500	22100	2.278	39300	13.8					
	10.0	4.4	10.0	65/55	23700	20500	2.187	31200	10.8	45900	2.467	37500	108	5.45
		4.4	10.0	70/59	25700	20200	2.206	33200	11.7	45700	2.541	37000	112	5.27
		4.4	10.0	75/63	27700	20800	2.226	35300	12.4	45500	2.634	36500	117	5.06
		4.4	10.0	80/67	29600	21500	2.246	37300	13.2	45300	2.726	36000	122	4.87
		4.4	10.0	85/71	31600	22100	2.266	39300	13.9					
100	5.0	1.1	2.5	65/55	22000	19800	2.455	30400	9.0					
		1.1	2.5	70/59	23900	19500	2.474	32300	9.7					
		1.1	2.5	75/63	25900	20100	2.494	34400	10.4					
		1.1	2.5	80/67	27900	20800	2.514	36500	11.1					
		1.1	2.5	85/71	29800	21400	2.534	38400	11.8					
	7.5	2.4	5.5	65/55	22100	19900	2.443	30400	9.0					
		2.4	5.5	70/59	24000	19500	2.462	32400	9.7					
		2.4	5.5	75/63	26000	20200	2.482	34500	10.5					
		2.4	5.5	80/67	28000	20800	2.502	36500	11.2					
		2.4	5.5	85/71	29900	21500	2.522	38500	11.9					
	10.0	4.3	9.8	65/55	22200	19900	2.430	30500	9.1					
		4.3	9.8	70/59	24100	19600	2.450	32500	9.8					
		4.3	9.8	75/63	26100	20200	2.470	34500	10.6					
		4.3	9.8	80/67	28100	20900	2.490	36600	11.3					
		4.3	9.8	85/71	30000	21500	2.510	38600	12.0					
110	5.0	1.1	2.4	65/55	20400	19300	2.738	29700	7.5					
		1.1	2.4	70/59	22400	18900	2.757	31800	8.1					
		1.1	2.4	75/63	24300	19600	2.777	33800	8.8					
		1.1	2.4	80/67	26300	20200	2.798	35800	9.4					
		1.1	2.4	85/71	28300	20900	2.818	37900	10.0					
	7.5	2.4	5.5	65/55	20500	19300	2.726	29800	7.5					
		2.4	5.5	70/59	22500	19000	2.745	31900	8.2					
		2.4	5.5	75/63	24400	19600	2.765	33800	8.8					
		2.4	5.5	80/67	26400	20300	2.785	35900	9.5					
		2.4	5.5	85/71	28400	20900	2.806	38000	10.1					
	10.0	4.3	9.7	65/55	20600	19400	2.714	29900	7.6					
		4.3	9.7	70/59	22600	19000	2.733	31900	8.3					
		4.3	9.7	75/63	24500	19700	2.753	33900	8.9					
		4.3	9.7	80/67	26500	20300	2.773	36000	9.6					
		4.3	9.7	85/71	28500	20900	2.793	38000	10.2					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 036 (1200 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	6.0	1.9	4.3	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					23600	2.350	15600	83	2.94
		1.9	4.3	70/59						23400	2.453	15000	88	2.79
		1.9	4.3	75/63						23300	2.556	14600	93	2.67
		1.9	4.3	80/67						23100	2.659	14000	98	2.54
		1.9	4.3	85/71										
	9.0	4.2	9.6	65/55						24900	2.375	16800	84	3.07
		4.2	9.6	70/59						24700	2.478	16200	89	2.92
		4.2	9.6	75/63						24500	2.581	15700	94	2.78
		4.2	9.6	80/67						24400	2.684	15200	99	2.66
		4.2	9.6	85/71										
	12.0	7.5	17.2	65/55						26200	2.400	18000	85	3.20
		7.5	17.2	70/59						26000	2.502	17500	90	3.04
		7.5	17.2	75/63						25800	2.605	16900	95	2.90
		7.5	17.2	80/67						25700	2.708	16500	100	2.78
		7.5	17.2	85/71										
30	6.0	1.8	4.1	65/55						27500	2.414	19300	86	3.34
		1.8	4.1	70/59	31400	23100	1.447	36300	21.7	27300	2.517	18700	91	3.18
		1.8	4.1	75/63	33800	23900	1.471	38800	23.0	27200	2.620	18300	96	3.04
		1.8	4.1	80/67	36200	24600	1.495	41300	24.2	27000	2.723	17700	101	2.90
		1.8	4.1	85/71	38500	25400	1.519	43700	25.3					
	9.0	4.1	9.3	65/55	29200	22300	1.406	34000	20.8	28800	2.439	20500	87	3.46
		4.1	9.3	70/59	31600	23100	1.430	36500	22.1	28600	2.542	19900	92	3.29
		4.1	9.3	75/63	34000	23900	1.454	39000	23.4	28500	2.645	19500	97	3.16
		4.1	9.3	80/67	36300	24700	1.478	41300	24.6	28300	2.747	18900	102	3.02
		4.1	9.3	85/71	38700	25500	1.502	43800	25.8					
	12.0	7.3	16.6	65/55	29400	22400	1.388	34100	21.2	30100	2.463	21700	88	3.58
		7.3	16.6	70/59	31700	23200	1.412	36500	22.5	29900	2.566	21100	93	3.41
		7.3	16.6	75/63	34100	24000	1.436	39000	23.7	29700	2.669	20600	98	3.26
		7.3	16.6	80/67	36500	24800	1.461	41500	25.0	29600	2.772	20100	103	3.13
		7.3	16.6	85/71	38800	25500	1.485	43900	26.1					
40	6.0	1.8	4.0	65/55	31100	23600	1.594	36500	19.5	31400	2.478	22900	89	3.71
		1.8	4.0	70/59	33500	24400	1.618	39000	20.7	31200	2.581	22400	94	3.54
		1.8	4.0	75/63	35800	25200	1.642	41400	21.8	31100	2.684	21900	99	3.39
		1.8	4.0	80/67	38200	26000	1.666	43900	22.9	30900	2.787	21400	104	3.25
		1.8	4.0	85/71	40600	26800	1.690	46400	24.0					
	9.0	4.0	9.1	65/55	31300	23700	1.577	36700	19.8	32700	2.503	24200	90	3.83
		4.0	9.1	70/59	33600	24500	1.601	39100	21.0	32500	2.606	23600	95	3.65
		4.0	9.1	75/63	36000	25300	1.625	41500	22.2	32400	2.708	23200	100	3.50
		4.0	9.1	80/67	38400	26100	1.649	44000	23.3	32200	2.811	22600	105	3.35
		4.0	9.1	85/71	40700	26900	1.673	46400	24.3					
	12.0	7.1	16.1	65/55	31400	23800	1.559	36700	20.1	34000	2.527	25400	91	3.94
		7.1	16.1	70/59	33800	24500	1.583	39200	21.4	33800	2.630	24800	96	3.76
		7.1	16.1	75/63	36100	25300	1.607	41600	22.5	33700	2.733	24400	101	3.61
		7.1	16.1	80/67	38500	26100	1.631	44100	23.6	33500	2.836	23800	106	3.46
		7.1	16.1	85/71	40900	26900	1.656	46600	24.7					
50	6.0	1.7	3.9	65/55	32000	24300	1.765	38000	18.1	35300	2.542	26600	92	4.07
		1.7	3.9	70/59	34400	25100	1.789	40500	19.2	35200	2.645	26200	97	3.90
		1.7	3.9	75/63	36700	25900	1.813	42900	20.2	35000	2.748	25600	102	3.73
		1.7	3.9	80/67	39100	26700	1.837	45400	21.3	34800	2.851	25100	107	3.57
		1.7	3.9	85/71	41500	27500	1.861	47900	22.3					
	9.0	3.9	8.8	65/55	32200	24400	1.748	38200	18.4	36600	2.567	27800	93	4.17
		3.9	8.8	70/59	34500	25200	1.772	40500	19.5	36500	2.669	27400	98	4.00
		3.9	8.8	75/63	36900	26000	1.796	43000	20.5	36300	2.772	26800	103	3.83
		3.9	8.8	80/67	39300	26800	1.820	45500	21.6	36100	2.875	26300	108	3.68
		3.9	8.8	85/71	41600	27600	1.844	47900	22.6					
	12.0	6.9	15.7	65/55	32300	24500	1.730	38200	18.7	37900	2.591	29100	94	4.28
		6.9	15.7	70/59	34700	25300	1.754	40700	19.8	37700	2.694	28500	99	4.10
		6.9	15.7	75/63	37000	26000	1.778	43100	20.8	37600	2.797	28100	104	3.94
		6.9	15.7	80/67	39400	26800	1.802	45600	21.9	37400	2.900	27500	109	3.78
		6.9	15.7	85/71	41800	27600	1.827	48000	22.9					
60	6.0	1.7	3.8	65/55	32000	24500	1.944	38600	16.5	39200	2.606	30300	95	4.40
		1.7	3.8	70/59	34300	25300	1.968	41000	17.4	39100	2.709	29900	100	4.23
		1.7	3.8	75/63	36700	26100	1.992	43500	18.4	38900	2.812	29300	105	4.05
		1.7	3.8	80/67	39100	26900	2.016	46000	19.4	38800	2.915	28900	110	3.90
		1.7	3.8	85/71	41400	27700	2.040	48400	20.3					
	9.0	3.8	8.6	65/55	32100	24600	1.926	38700	16.7	40500	2.630	31500	96	4.51
		3.8	8.6	70/59	34500	25400	1.950	41200	17.7	40400	2.733	31100	101	4.33
		3.8	8.6	75/63	36800	26200	1.974	43500	18.6	40200	2.836	30500	106	4.15
		3.8	8.6	80/67	39200	26900	1.999	46000	19.6	40100	2.939	30100	111	4.00
		3.8	8.6	85/71	41600	27700	2.023	48500	20.6					
	12.0	6.7	15.3	65/55	32300	24600	1.909	38800	16.9	41800	2.655	32700	97	4.61
		6.7	15.3	70/59	34600	25400	1.933	41200	17.9	41700	2.758	32300	102	4.43
		6.7	15.3	75/63	37000	26200	1.957	43700	18.9	41500	2.861	31700	107	4.25
		6.7	15.3	80/67	39300	27000	1.981	46100	19.8	41300	2.964	31200	112	4.08
		6.7	15.3	85/71	41700	27800	2.005	48500	20.8					

Size 036 (1200 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	6.0	1.6	3.7	65/55	31200	24300	2.138	38500	14.6	43200	2.670	34100	98	4.74
		1.6	3.7	70/59	33500	25100	2.162	40900	15.5	43000	2.773	33500	103	4.54
		1.6	3.7	75/63	35900	25900	2.186	43400	16.4	42800	2.875	33000	108	4.36
		1.6	3.7	80/67	38300	26700	2.210	45800	17.3	42700	2.978	32500	113	4.20
		1.6	3.7	85/71	40600	27400	2.234	48200	18.2					
	9.0	3.7	8.4	65/55	31300	24300	2.121	38500	14.8	44500	2.694	35300	99	4.84
		3.7	8.4	70/59	33700	25100	2.145	41000	15.7	44300	2.797	34800	104	4.64
		3.7	8.4	75/63	36000	25900	2.169	43400	16.6	44100	2.900	34200	109	4.45
		3.7	8.4	80/67	38400	26700	2.193	45900	17.5	44000	3.003	33800	114	4.29
		3.7	8.4	85/71	40800	27500	2.217	48400	18.4					
	12.0	6.6	15.0	65/55	31500	24400	2.103	38700	15.0	45700	2.719	36400	100	4.92
		6.6	15.0	70/59	33800	25200	2.127	41100	15.9	45600	2.822	36000	105	4.73
		6.6	15.0	75/63	36200	26000	2.151	43500	16.8	45400	2.925	35400	110	4.54
		6.6	15.0	80/67	38500	26800	2.176	45900	17.7	45300	3.028	35000	115	4.38
		6.6	15.0	85/71	40900	27600	2.200	48400	18.6					
80	6.0	1.6	3.7	65/55	29800	23800	2.356	37800	12.6	47100	2.734	37800	101	5.04
		1.6	3.7	70/59	32200	24500	2.380	40300	13.5	46900	2.836	37200	106	4.84
		1.6	3.7	75/63	34500	25300	2.404	42700	14.4	46800	2.939	36800	111	4.66
		1.6	3.7	80/67	36900	26100	2.428	45200	15.2	46600	3.042	36200	116	4.49
		1.6	3.7	85/71	39300	26900	2.452	47700	16.0					
	9.0	3.6	8.3	65/55	29900	23800	2.338	37900	12.8	48400	2.758	39000	102	5.14
		3.6	8.3	70/59	32300	24600	2.362	40400	13.7	48200	2.861	38400	107	4.93
		3.6	8.3	75/63	34700	25400	2.387	42800	14.5	48000	2.964	37900	112	4.74
		3.6	8.3	80/67	37000	26200	2.411	45200	15.3	47900	3.067	37400	117	4.57
		3.6	8.3	85/71	39400	27000	2.435	47700	16.2					
	12.0	6.5	14.7	65/55	30100	23900	2.321	38000	13.0	49700	2.783	40200	103	5.23
		6.5	14.7	70/59	32500	24700	2.345	40500	13.9	49500	2.886	39700	108	5.02
		6.5	14.7	75/63	34800	25500	2.369	42900	14.7	49300	2.989	39100	113	4.83
		6.5	14.7	80/67	37200	26200	2.393	45400	15.5	49200	3.091	38700	118	4.66
		6.5	14.7	85/71	39600	27000	2.417	47800	16.4					
90	6.0	1.6	3.6	65/55	28100	23100	2.605	37000	10.8	51000	2.797	41500	104	5.34
		1.6	3.6	70/59	30400	23800	2.629	39400	11.6	50800	2.900	40900	109	5.13
		1.6	3.6	75/63	32800	24600	2.653	41900	12.4	50700	3.003	40500	114	4.94
		1.6	3.6	80/67	35200	25400	2.677	44300	13.1	50500	3.106	39900	119	4.76
		1.6	3.6	85/71	37500	26200	2.701	46700	13.9					
	9.0	3.6	8.1	65/55	28200	23100	2.587	37000	10.9	52300	2.822	42700	105	5.43
		3.6	8.1	70/59	30600	23900	2.611	39500	11.7	52100	2.925	42100	110	5.22
		3.6	8.1	75/63	33000	24700	2.635	42000	12.5	52000	3.028	41700	115	5.03
		3.6	8.1	80/67	35300	25500	2.659	44400	13.3	51800	3.131	41100	120	4.84
		3.6	8.1	85/71	37700	26300	2.684	46900	14.0					
	12.0	6.3	14.5	65/55	28400	23200	2.570	37200	11.1	53600	2.847	43900	106	5.51
		6.3	14.5	70/59	30700	24000	2.594	39600	11.8	53400	2.950	43300	111	5.30
		6.3	14.5	75/63	33100	24800	2.618	42000	12.6	53300	3.052	42900	116	5.11
		6.3	14.5	80/67	35500	25500	2.642	44500	13.4	53100	3.155	42300	121	4.93
		6.3	14.5	85/71	37800	26300	2.666	46900	14.2					
100	6.0	1.6	3.6	65/55	26200	22300	2.892	36100	9.1					
		1.6	3.6	70/59	28500	23100	2.917	38500	9.8					
		1.6	3.6	75/63	30900	23900	2.941	40900	10.5					
		1.6	3.6	80/67	33300	24700	2.965	43400	11.2					
		1.6	3.6	85/71	35600	25500	2.989	45800	11.9					
	9.0	3.5	8.0	65/55	26300	22400	2.875	36100	9.1					
		3.5	8.0	70/59	28700	23200	2.899	38600	9.9					
		3.5	8.0	75/63	31100	23900	2.923	41100	10.6					
		3.5	8.0	80/67	33400	24700	2.947	43500	11.3					
		3.5	8.0	85/71	35800	25500	2.971	45900	12.0					
	12.0	6.3	14.3	65/55	26500	22400	2.858	36300	9.3					
		6.3	14.3	70/59	28800	23200	2.882	38600	10.0					
		6.3	14.3	75/63	31200	24000	2.906	41100	10.7					
		6.3	14.3	80/67	33600	24800	2.930	43600	11.5					
		6.3	14.3	85/71	35900	25600	2.954	46000	12.2					
110	6.0	1.5	3.5	65/55	24300	21600	3.227	35300	7.5					
		1.5	3.5	70/59	26700	22400	3.251	37800	8.2					
		1.5	3.5	75/63	29000	23200	3.275	40200	8.9					
		1.5	3.5	80/67	31400	24000	3.299	42700	9.5					
		1.5	3.5	85/71	33800	24800	3.324	45100	10.2					
	9.0	3.5	7.9	65/55	24500	21700	3.210	35500	7.6					
		3.5	7.9	70/59	26800	22500	3.234	37800	8.3					
		3.5	7.9	75/63	29200	23300	3.258	40300	9.0					
		3.5	7.9	80/67	31600	24000	3.282	42800	9.6					
		3.5	7.9	85/71	33900	24800	3.306	45200	10.3					
	12.0	6.2	14.1	65/55	24600	21700	3.192	35500	7.7					
		6.2	14.1	70/59	27000	22500	3.216	38000	8.4					
		6.2	14.1	75/63	29300	23300	3.240	40400	9.0					
		6.2	14.1	80/67	31700	24100	3.265	42800	9.7					
		6.2	14.1	85/71	34100	24900	3.289	45300	10.4					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 042 (1400 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	7.0	1.2	2.8	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					27700	2.795	18200	84	2.90
		1.2	2.8	70/59						27600	2.900	17700	88	2.79
		1.2	2.8	75/63						27400	3.032	17100	93	2.65
		1.2	2.8	80/67						27200	3.163	16400	98	2.52
		1.2	2.8	85/71										
	10.5	2.7	6.1	65/55						29500	2.829	19800	85	3.05
		2.7	6.1	70/59						29300	2.935	19300	89	2.92
		2.7	6.1	75/63						29100	3.066	18600	94	2.78
		2.7	6.1	80/67						28900	3.198	18000	99	2.65
		2.7	6.1	85/71										
	14.0	4.7	10.7	65/55						31200	2.864	21400	87	3.19
		4.7	10.7	70/59						31100	2.969	21000	90	3.07
		4.7	10.7	75/63						30900	3.100	20300	95	2.92
		4.7	10.7	80/67						30700	3.232	19700	100	2.78
		4.7	10.7	85/71										
30	7.0	1.2	2.7	65/55						32400	2.875	22600	87	3.30
		1.2	2.7	70/59	37800	27400	1.787	43900	21.2	32200	2.980	22000	91	3.16
		1.2	2.7	75/63	40100	28300	1.815	46300	22.1	32000	3.111	21400	96	3.01
		1.2	2.7	80/67	42400	29200	1.843	48700	23.0	31800	3.243	20700	101	2.87
		1.2	2.7	85/71	44800	30100	1.871	51200	23.9					
	10.5	2.6	6.0	65/55	35700	28000	1.737	41600	20.6	34100	2.909	24200	88	3.43
		2.6	6.0	70/59	38000	27500	1.763	44000	21.6	34000	3.014	23700	92	3.30
		2.6	6.0	75/63	40300	28400	1.791	46400	22.5	33800	3.146	23100	97	3.15
		2.6	6.0	80/67	42700	29300	1.819	48900	23.5	33600	3.277	22400	102	3.00
		2.6	6.0	85/71	45000	30200	1.847	51300	24.4					
	14.0	4.5	10.3	65/55	35900	28000	1.713	41700	21.0	35900	2.943	25900	90	3.57
		4.5	10.3	70/59	38200	27500	1.740	44100	22.0	35700	3.048	25300	93	3.43
		4.5	10.3	75/63	40500	28400	1.768	46500	22.9	35600	3.180	24700	98	3.28
		4.5	10.3	80/67	42900	29300	1.796	49000	23.9	35400	3.311	24100	103	3.13
		4.5	10.3	85/71	45200	30200	1.824	51400	24.8					
40	7.0	1.2	2.7	65/55	37900	29500	1.971	44600	19.2	37100	2.954	27000	90	3.68
		1.2	2.7	70/59	40200	29000	1.997	47000	20.1	36900	3.059	26500	94	3.53
		1.2	2.7	75/63	42500	29900	2.025	49400	21.0	36700	3.191	25800	99	3.37
		1.2	2.7	80/67	44800	30800	2.053	51800	21.8	36500	3.322	25200	104	3.22
		1.2	2.7	85/71	47200	31700	2.081	54300	22.7					
	10.5	2.5	5.8	65/55	38100	29600	1.947	44700	19.6	38800	2.989	28600	92	3.80
		2.5	5.8	70/59	40400	29100	1.973	47100	20.5	38700	3.094	28100	95	3.66
		2.5	5.8	75/63	42700	30000	2.001	49500	21.3	38500	3.225	27500	100	3.50
		2.5	5.8	80/67	45000	30900	2.029	51900	22.2	38300	3.357	26800	105	3.34
		2.5	5.8	85/71	47400	31800	2.057	54400	23.0					
	14.0	4.4	10.0	65/55	38300	29600	1.923	44900	19.9	40600	3.023	30300	93	3.93
		4.4	10.0	70/59	40600	29100	1.950	47300	20.8	40400	3.128	29700	97	3.78
		4.4	10.0	75/63	42900	30000	1.978	49700	21.7	40200	3.260	29100	101	3.61
		4.4	10.0	80/67	45200	30900	2.006	52000	22.5	40000	3.391	28400	106	3.45
		4.4	10.0	85/71	47600	31800	2.034	54500	23.4					
50	7.0	1.1	2.6	65/55	38900	30300	2.181	46300	17.8	41700	3.034	31300	93	4.02
		1.1	2.6	70/59	41200	29800	2.207	48700	18.7	41600	3.139	30900	97	3.88
		1.1	2.6	75/63	43600	30700	2.235	51200	19.5	41400	3.271	30200	102	3.71
		1.1	2.6	80/67	45900	31600	2.263	53600	20.3	41200	3.402	29600	107	3.55
		1.1	2.6	85/71	48200	32500	2.291	56000	21.0					
	10.5	2.5	5.6	65/55	39100	30400	2.157	46500	18.1	43500	3.068	33000	95	4.15
		2.5	5.6	70/59	41400	29900	2.184	48900	19.0	43300	3.173	32500	98	4.00
		2.5	5.6	75/63	43800	30800	2.212	51300	19.8	43100	3.305	31800	103	3.82
		2.5	5.6	80/67	46100	31700	2.240	53700	20.6	42900	3.436	31200	108	3.66
		2.5	5.6	85/71	48400	32600	2.268	56100	21.3					
	14.0	4.3	9.8	65/55	39300	30500	2.133	46600	18.4	45200	3.102	34600	96	4.27
		4.3	9.8	70/59	41600	30000	2.160	49000	19.3	45100	3.208	34200	100	4.12
		4.3	9.8	75/63	44000	30900	2.188	51500	20.1	44900	3.339	33500	105	3.94
		4.3	9.8	80/67	46300	31800	2.216	53900	20.9	44700	3.471	32900	109	3.77
		4.3	9.8	85/71	48600	32700	2.244	56300	21.7					
60	7.0	1.1	2.5	65/55	38900	30500	2.401	47100	16.2	46400	3.113	35800	97	4.36
		1.1	2.5	70/59	41200	30000	2.427	49500	17.0	46200	3.219	35200	100	4.20
		1.1	2.5	75/63	43500	30900	2.455	51900	17.7	46000	3.350	34600	105	4.02
		1.1	2.5	80/67	45800	31800	2.483	54300	18.4	45800	3.482	33900	110	3.85
		1.1	2.5	85/71	48200	32700	2.511	56800	19.2					
	10.5	2.4	5.5	65/55	39100	30600	2.377	47200	16.4	48100	3.148	37400	98	4.47
		2.4	5.5	70/59	41400	30100	2.403	49600	17.2	48000	3.253	36900	102	4.32
		2.4	5.5	75/63	43700	31000	2.431	52000	18.0	47800	3.384	36300	106	4.14
		2.4	5.5	80/67	46000	31900	2.459	54400	18.7	47600	3.516	35600	111	3.96
		2.4	5.5	85/71	48400	32800	2.487	56900	19.5					
	14.0	4.2	9.5	65/55	39300	30700	2.353	47300	16.7	49900	3.182	39000	99	4.59
		4.2	9.5	70/59	41600	30200	2.380	49700	17.5	49700	3.287	38500	103	4.43
		4.2	9.5	75/63	43900	31100	2.408	52100	18.2	49600	3.419	37900	108	4.25
		4.2	9.5	80/67	46200	32000	2.436	54500	19.0	49400	3.550	37300	112	4.07
		4.2	9.5	85/71	48600	32900	2.464	57000	19.7					

Size 042 (1400 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	7.0	1.1	2.5	65/55	37900	30300	2.640	46900	14.4	51100	3.193	40200	100	4.69
		1.1	2.5	70/59	40200	29800	2.666	49300	15.1	50900	3.298	39600	103	4.52
		1.1	2.5	75/63	42600	30700	2.694	51800	15.8	50700	3.430	39000	108	4.33
		1.1	2.5	80/67	44900	31600	2.722	54200	16.5	50500	3.561	38300	113	4.15
		1.1	2.5	85/71	47200	32500	2.750	56600	17.2					
	10.5	2.4	5.4	65/55	38100	30300	2.616	47000	14.6	52800	3.227	41800	101	4.79
		2.4	5.4	70/59	40500	29800	2.643	49500	15.3	52700	3.333	41300	105	4.63
		2.4	5.4	75/63	42800	30700	2.671	51900	16.0	52500	3.464	40700	110	4.44
		2.4	5.4	80/67	45100	31700	2.699	54300	16.7	52300	3.596	40000	114	4.26
		2.4	5.4	85/71	47400	32600	2.727	56700	17.4					
	14.0	4.1	9.3	65/55	38300	30400	2.592	47100	14.8	54600	3.262	43500	102	4.90
		4.1	9.3	70/59	40700	29900	2.619	49600	15.5	54400	3.367	42900	106	4.73
		4.1	9.3	75/63	43000	30800	2.647	52000	16.2	54200	3.498	42300	111	4.54
		4.1	9.3	80/67	45300	31700	2.675	54400	16.9	54000	3.630	41600	116	4.36
		4.1	9.3	85/71	47600	32600	2.703	56800	17.6					
80	7.0	1.1	2.4	65/55	36400	29700	2.908	46300	12.5	55700	3.273	44500	103	4.98
		1.1	2.4	70/59	38700	29200	2.934	48700	13.2	55600	3.378	44100	107	4.82
		1.1	2.4	75/63	41000	30100	2.962	51100	13.8	55400	3.509	43400	111	4.62
		1.1	2.4	80/67	43300	31000	2.990	53500	14.5	55200	3.641	42800	116	4.44
		1.1	2.4	85/71	45600	31900	3.018	55900	15.1					
	10.5	2.3	5.3	65/55	36600	29700	2.884	46400	12.7	57500	3.307	46200	104	5.09
		2.3	5.3	70/59	38900	29200	2.911	48800	13.4	57300	3.412	45700	108	4.92
		2.3	5.3	75/63	41200	30100	2.939	51200	14.0	57100	3.544	45000	113	4.72
		2.3	5.3	80/67	43500	31000	2.967	53600	14.7	56900	3.675	44400	117	4.53
		2.3	5.3	85/71	45800	31900	2.995	56000	15.3					
	14.0	4.0	9.2	65/55	36800	29800	2.860	46600	12.9	59200	3.341	47800	105	5.19
		4.0	9.2	70/59	39100	29300	2.887	49000	13.5	59100	3.447	47300	109	5.02
		4.0	9.2	75/63	41400	30200	2.915	51300	14.2	58900	3.578	46700	114	4.82
		4.0	9.2	80/67	43700	31100	2.943	53700	14.8	58700	3.710	46000	119	4.63
		4.0	9.2	85/71	46000	32000	2.971	56100	15.5					
90	7.0	1.0	2.4	65/55	34400	28800	3.214	45400	10.7	60400	3.352	49000	106	5.28
		1.0	2.4	70/59	36700	28300	3.241	47800	11.3	60200	3.458	48400	110	5.10
		1.0	2.4	75/63	39000	29200	3.269	50200	11.9	60000	3.589	47800	114	4.90
		1.0	2.4	80/67	41300	30200	3.297	52600	12.5	59800	3.721	47100	119	4.71
		1.0	2.4	85/71	43600	31100	3.325	54900	13.1					
	10.5	2.3	5.2	65/55	34600	28900	3.190	45500	10.8	62100	3.387	50500	107	5.37
		2.3	5.2	70/59	36900	28400	3.217	47900	11.5	62000	3.492	50100	111	5.20
		2.3	5.2	75/63	39200	29300	3.245	50300	12.1	61800	3.623	49400	116	4.99
		2.3	5.2	80/67	41500	30200	3.273	52700	12.7	61600	3.755	48800	121	4.80
		2.3	5.2	85/71	43800	31100	3.301	55100	13.3					
	14.0	4.0	9.0	65/55	34800	29000	3.167	45600	11.0	63900	3.421	52200	108	5.47
		4.0	9.0	70/59	37100	28500	3.193	48000	11.6	63700	3.526	51700	112	5.29
		4.0	9.0	75/63	39400	29400	3.221	50400	12.2	63600	3.658	51100	117	5.09
		4.0	9.0	80/67	41700	30300	3.249	52800	12.8	63400	3.789	50500	122	4.90
		4.0	9.0	85/71	44000	31200	3.277	55200	13.4					
100	7.0	1.0	2.4	65/55	32200	28000	3.569	44400	9.0					
		1.0	2.4	70/59	34500	27500	3.595	46800	9.6					
		1.0	2.4	75/63	36800	28400	3.623	49200	10.2					
		1.0	2.4	80/67	39100	29300	3.651	51600	10.7					
		1.0	2.4	85/71	41400	30200	3.679	54000	11.3					
	10.5	2.2	5.1	65/55	32400	28100	3.545	44500	9.1					
		2.2	5.1	70/59	34700	27600	3.572	46900	9.7					
		2.2	5.1	75/63	37000	28500	3.600	49300	10.3					
		2.2	5.1	80/67	39300	29400	3.628	51700	10.8					
		2.2	5.1	85/71	41600	30300	3.656	54100	11.4					
	14.0	3.9	8.9	65/55	32600	28100	3.521	44600	9.3					
		3.9	8.9	70/59	34900	27600	3.548	47000	9.8					
		3.9	8.9	75/63	37200	28500	3.576	49400	10.4					
		3.9	8.9	80/67	39500	29400	3.604	51800	11.0					
		3.9	8.9	85/71	41800	30400	3.632	54200	11.5					
110	7.0	1.0	2.3	65/55	30000	27200	3.981	43600	7.5					
		1.0	2.3	70/59	32300	26700	4.008	46000	8.1					
		1.0	2.3	75/63	34600	27600	4.036	48400	8.6					
		1.0	2.3	80/67	36900	28500	4.064	50800	9.1					
		1.0	2.3	85/71	39300	29400	4.092	53300	9.6					
	10.5	2.2	5.1	65/55	30200	27300	3.957	43700	7.6					
		2.2	5.1	70/59	32500	26800	3.984	46100	8.2					
		2.2	5.1	75/63	34800	27700	4.012	48500	8.7					
		2.2	5.1	80/67	37100	28600	4.040	50900	9.2					
		2.2	5.1	85/71	39500	29500	4.068	53400	9.7					
	14.0	3.9	8.8	65/55	30400	27400	3.933	43800	7.7					
		3.9	8.8	70/59	32700	26800	3.960	46200	8.3					
		3.9	8.8	75/63	35000	27800	3.988	48600	8.8					
		3.9	8.8	80/67	37400	28700	4.016	51100	9.3					
		3.9	8.8	85/71	39700	29600	4.044	53500	9.8					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 048 (1600 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	8.0	3.5	8.0	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					30400	3.151	19600	83	2.82
		3.5	8.0	70/59						30100	3.277	18900	87	2.69
		3.5	8.0	75/63						29800	3.435	18100	92	2.54
		3.5	8.0	80/67						29400	3.592	17100	97	2.40
		3.5	8.0	85/71										
	12.0	7.9	17.9	65/55						32700	3.195	21800	85	3.00
		7.9	17.9	70/59						32400	3.321	21100	89	2.86
		7.9	17.9	75/63						32000	3.479	20100	93	2.69
		7.9	17.9	80/67						31700	3.636	19300	98	2.55
		7.9	17.9	85/71										
	16.0	13.9	31.7	65/55						35000	3.239	23900	86	3.16
		13.9	31.7	70/59						34700	3.365	23200	90	3.02
		13.9	31.7	75/63						34300	3.523	22300	95	2.85
		13.9	31.7	80/67						34000	3.680	21400	100	2.71
		13.9	31.7	85/71										
30	8.0	3.4	7.8	65/55						35900	3.247	24800	87	3.24
		3.4	7.8	70/59	42500	31300	2.128	49800	20.0	35600	3.373	24100	90	3.09
		3.4	7.8	75/63	45400	32100	2.161	52800	21.0	35300	3.531	23200	95	2.93
		3.4	7.8	80/67	48200	32900	2.194	55700	22.0	34900	3.688	22300	100	2.77
		3.4	7.8	85/71	51100	33700	2.226	58700	23.0					
	12.0	7.6	17.4	65/55	39900	32300	2.066	47000	19.3	38200	3.291	27000	88	3.40
		7.6	17.4	70/59	42800	31400	2.097	50000	20.4	37900	3.417	26200	92	3.25
		7.6	17.4	75/63	45600	32200	2.130	52900	21.4	37600	3.575	25400	97	3.08
		7.6	17.4	80/67	48500	33000	2.163	55900	22.4	37200	3.732	24500	101	2.92
		7.6	17.4	85/71	51300	33800	2.195	58800	23.4					
	16.0	13.5	30.7	65/55	40200	32400	2.035	47100	19.8	40500	3.335	29100	89	3.56
		13.5	30.7	70/59	43000	31500	2.066	50100	20.8	40200	3.461	28400	93	3.40
		13.5	30.7	75/63	45900	32300	2.099	53100	21.9	39900	3.619	27500	98	3.23
		13.5	30.7	80/67	48800	33100	2.132	56100	22.9	39500	3.776	26600	103	3.06
		13.5	30.7	85/71	51600	33900	2.164	59000	23.8					
40	8.0	3.3	7.5	65/55	42300	34000	2.340	50300	18.1	41400	3.343	30000	90	3.63
		3.3	7.5	70/59	45200	33100	2.371	53300	19.1	41200	3.469	29400	94	3.48
		3.3	7.5	75/63	48000	33900	2.404	56200	20.0	40800	3.627	28400	98	3.29
		3.3	7.5	80/67	50900	34700	2.437	59200	20.9	40500	3.784	27600	103	3.13
		3.3	7.5	85/71	53800	35500	2.469	62200	21.8					
	12.0	7.4	16.9	65/55	42600	34100	2.309	50500	18.4	43700	3.387	32100	91	3.78
		7.4	16.9	70/59	45500	33200	2.340	53500	19.4	43400	3.513	31400	95	3.62
		7.4	16.9	75/63	48300	34000	2.373	56400	20.4	43100	3.671	30600	100	3.44
		7.4	16.9	80/67	51200	34800	2.406	59400	21.3	42700	3.828	29600	105	3.27
		7.4	16.9	85/71	54000	35600	2.438	62300	22.1					
	16.0	13.1	29.9	65/55	42900	34200	2.278	50700	18.8	46000	3.431	34300	92	3.93
		13.1	29.9	70/59	45700	33300	2.309	53600	19.8	45700	3.557	33600	96	3.76
		13.1	29.9	75/63	48600	34100	2.342	56600	20.8	45400	3.715	32700	101	3.58
		13.1	29.9	80/67	51400	34900	2.375	59500	21.6	45000	3.872	31800	106	3.40
		13.1	29.9	85/71	54300	35700	2.407	62500	22.6					
50	8.0	3.2	7.3	65/55	43500	35000	2.582	52300	16.8	47000	3.439	35300	93	4.00
		3.2	7.3	70/59	46400	34100	2.613	55300	17.8	46700	3.565	34500	97	3.84
		3.2	7.3	75/63	49200	34900	2.645	58200	18.6	46300	3.723	33600	102	3.64
		3.2	7.3	80/67	52100	35700	2.678	61200	19.5	46000	3.880	32800	106	3.47
		3.2	7.3	85/71	55000	36500	2.711	64300	20.3					
	12.0	7.2	16.4	65/55	43800	35100	2.550	52500	17.2	49300	3.483	37400	94	4.14
		7.2	16.4	70/59	46600	34200	2.582	55400	18.0	49000	3.609	36700	98	3.98
		7.2	16.4	75/63	49500	35000	2.614	58400	18.9	48600	3.767	35700	103	3.78
		7.2	16.4	80/67	52400	35800	2.647	61400	19.8	48300	3.924	34900	108	3.60
		7.2	16.4	85/71	55200	36600	2.680	64300	20.6					
	16.0	12.7	29.1	65/55	44100	35200	2.519	52700	17.5	51500	3.527	39500	96	4.28
		12.7	29.1	70/59	46900	34300	2.550	55600	18.4	51300	3.653	38800	100	4.11
		12.7	29.1	75/63	49800	35100	2.583	58600	19.3	50900	3.811	37900	104	3.91
		12.7	29.1	80/67	52600	35900	2.616	61500	20.1	50600	3.968	37100	109	3.73
		12.7	29.1	85/71	55500	36700	2.649	64500	21.0					
60	8.0	3.1	7.2	65/55	43500	35200	2.832	53200	15.4	52500	3.535	40400	96	4.35
		3.1	7.2	70/59	46300	34300	2.863	56100	16.2	52200	3.661	39700	100	4.18
		3.1	7.2	75/63	49200	35100	2.896	59100	17.0	51900	3.818	38900	105	3.98
		3.1	7.2	80/67	52000	35900	2.928	62000	17.8	51500	3.976	37900	110	3.79
		3.1	7.2	85/71	54900	36700	2.961	65000	18.5					
	12.0	7.0	16.0	65/55	43700	35300	2.801	53300	15.6	54800	3.579	42600	98	4.48
		7.0	16.0	70/59	46600	34400	2.832	56300	16.5	54500	3.705	41900	101	4.31
		7.0	16.0	75/63	49400	35200	2.865	59200	17.2	54200	3.862	41000	106	4.11
		7.0	16.0	80/67	52300	36000	2.897	62200	18.1	53800	4.020	40100	111	3.92
		7.0	16.0	85/71	55200	36800	2.930	65200	18.8					
	16.0	12.4	28.4	65/55	44000	35400	2.770	53500	15.9	57100	3.623	44700	99	4.61
		12.4	28.4	70/59	46800	34500	2.801	56400	16.7	56800	3.749	44000	103	4.44
		12.4	28.4	75/63	49700	35300	2.834	59400	17.5	56400	3.906	43100	107	4.23
		12.4	28.4	80/67	52600	36100	2.866	62400	18.4	56100	4.064	42200	112	4.04
		12.4	28.4	85/71	55400	36900	2.899	65300	19.1					

Size 048 (1600 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	8.0	3.1	7.0	65/55	42400	34900	3.103	53000	13.7	58000	3.631	45600	99	4.68
		3.1	7.0	70/59	45300	34000	3.134	56000	14.5	57700	3.757	44900	103	4.50
		3.1	7.0	75/63	48100	34800	3.166	58900	15.2	57400	3.914	44000	108	4.29
		3.1	7.0	80/67	51000	35600	3.199	61900	15.9	57000	4.072	43100	113	4.10
		3.1	7.0	85/71	53800	36400	3.232	64800	16.6					
	12.0	6.9	15.7	65/55	42700	35000	3.072	53200	13.9	60300	3.675	47800	101	4.80
		6.9	15.7	70/59	45500	34100	3.103	56100	14.7	60000	3.801	47000	105	4.62
		6.9	15.7	75/63	48400	34900	3.135	59100	15.4	59700	3.958	46200	109	4.42
		6.9	15.7	80/67	51200	35700	3.168	62000	16.2	59300	4.116	45300	114	4.22
		6.9	15.7	85/71	54100	36500	3.201	65000	16.9					
	16.0	12.2	27.8	65/55	42900	35100	3.041	53300	14.1	62600	3.719	49900	102	4.93
		12.2	27.8	70/59	45800	34200	3.072	56300	14.9	62300	3.845	49200	106	4.74
		12.2	27.8	75/63	48600	35000	3.104	59200	15.7	62000	4.002	48300	111	4.54
		12.2	27.8	80/67	51500	35800	3.137	62200	16.4	61600	4.160	47400	115	4.34
		12.2	27.8	85/71	54400	36600	3.170	65200	17.2					
80	8.0	3.0	6.9	65/55	40600	34200	3.404	52200	11.9	63500	3.727	50800	103	4.99
		3.0	6.9	70/59	43500	33300	3.435	55200	12.7	63300	3.853	50100	106	4.81
		3.0	6.9	75/63	46300	34100	3.468	58100	13.4	62900	4.010	49200	111	4.59
		3.0	6.9	80/67	49200	34900	3.500	61100	14.1	62600	4.168	48400	116	4.40
		3.0	6.9	85/71	52000	35700	3.533	64100	14.7					
	12.0	6.7	15.4	65/55	40900	34300	3.373	52400	12.1	65800	3.771	52900	104	5.11
		6.7	15.4	70/59	43700	33400	3.404	55300	12.8	65600	3.897	52300	108	4.93
		6.7	15.4	75/63	46600	34200	3.437	58300	13.6	65200	4.054	51400	113	4.71
		6.7	15.4	80/67	49500	35000	3.469	61300	14.3	64900	4.212	50500	117	4.51
		6.7	15.4	85/71	52300	35800	3.502	64300	14.9					
	16.0	11.9	27.2	65/55	41200	34400	3.342	52600	12.3	68100	3.815	55100	105	5.23
		11.9	27.2	70/59	44000	33500	3.373	55500	13.0	67800	3.941	54300	109	5.04
		11.9	27.2	75/63	46900	34300	3.406	58500	13.8	67500	4.098	53500	114	4.82
		11.9	27.2	80/67	49700	35100	3.438	61400	14.5	67100	4.256	52600	119	4.62
		11.9	27.2	85/71	52600	35900	3.471	64400	15.2					
90	8.0	3.0	6.8	65/55	38400	33200	3.747	51200	10.2	69100	3.822	56100	106	5.29
		3.0	6.8	70/59	41200	32400	3.778	54100	10.9	68800	3.948	55300	110	5.10
		3.0	6.8	75/63	44100	33200	3.811	57100	11.6	68400	4.106	54400	114	4.88
		3.0	6.8	80/67	46900	34000	3.843	60000	12.2	68100	4.263	53600	119	4.68
		3.0	6.8	85/71	49800	34800	3.876	63000	12.8					
	12.0	6.6	15.1	65/55	38600	33400	3.716	51300	10.4	71400	3.866	58200	107	5.41
		6.6	15.1	70/59	41500	32500	3.747	54300	11.1	71100	3.992	57500	111	5.22
		6.6	15.1	75/63	44300	33300	3.780	57200	11.7	70700	4.150	56500	116	4.99
		6.6	15.1	80/67	47200	34100	3.812	60200	12.4	70400	4.307	55700	121	4.79
		6.6	15.1	85/71	50000	34900	3.845	63100	13.0			70000		
	16.0	11.7	26.8	65/55	38900	33500	3.685	51500	10.6	73700	3.910	60400	108	5.52
		11.7	26.8	70/59	41700	32600	3.716	54400	11.2	73400	4.036	59600	112	5.33
		11.7	26.8	75/63	44600	33400	3.748	57400	11.9	73000	4.194	58700	117	5.10
		11.7	26.8	80/67	47400	34200	3.781	60300	12.5	72700	4.351	57900	122	4.89
		11.7	26.8	85/71	50300	35000	3.814	63300	13.2					
100	8.0	2.9	6.7	65/55	35900	32200	4.142	50000	8.7					
		2.9	6.7	70/59	38700	31400	4.173	52900	9.3					
		2.9	6.7	75/63	41600	32200	4.206	56000	9.9					
		2.9	6.7	80/67	44400	33000	4.239	58900	10.5					
		2.9	6.7	85/71	47300	33800	4.271	61900	11.1					
	12.0	6.5	14.9	65/55	36100	32400	4.111	50100	8.8					
		6.5	14.9	70/59	39000	31500	4.142	53100	9.4					
		6.5	14.9	75/63	41800	32300	4.175	56000	10.0					
		6.5	14.9	80/67	44700	33100	4.208	59100	10.6					
		6.5	14.9	85/71	47500	33900	4.240	62000	11.2					
	16.0	11.6	26.4	65/55	36400	32500	4.080	50300	8.9					
		11.6	26.4	70/59	39200	31600	4.111	53200	9.5					
		11.6	26.4	75/63	42100	32400	4.144	56200	10.2					
		11.6	26.4	80/67	44900	33200	4.177	59200	10.7					
		11.6	26.4	85/71	47800	34000	4.209	62200	11.4					
110	8.0	2.9	6.6	65/55	33400	31300	4.601	49100	7.3					
		2.9	6.6	70/59	36200	30400	4.632	52000	7.8					
		2.9	6.6	75/63	39100	31200	4.664	55000	8.4					
		2.9	6.6	80/67	42000	32000	4.697	58000	8.9					
		2.9	6.6	85/71	44800	32900	4.730	60900	9.5					
	12.0	6.5	14.8	65/55	33700	31400	4.570	49300	7.4					
		6.5	14.8	70/59	36500	30600	4.601	52200	7.9					
		6.5	14.8	75/63	39400	31400	4.633	55200	8.5					
		6.5	14.8	80/67	42200	32200	4.666	58100	9.0					
		6.5	14.8	85/71	45100	33000	4.699	61100	9.6					
	16.0	11.5	26.1	65/55	33900	31600	4.539	49400	7.5					
		11.5	26.1	70/59	36800	30700	4.570	52400	8.1					
		11.5	26.1	75/63	39600	31500	4.602	55300	8.6					
		11.5	26.1	80/67	42500	32300	4.635	58300	9.2					
		11.5	26.1	85/71	45300	33100	4.668	61200	9.7					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 060 (2000 CFM) PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	10.0	4.0	9.2	65/55						38500	3.534	26400	84	3.19
		4.0	9.2	70/59						38300	3.678	25700	88	3.05
		4.0	9.2	75/63						38100	3.858	24900	93	2.89
		4.0	9.2	80/67						37800	4.038	24000	97	2.74
		4.0	9.2	85/71										
	15.0	9.1	20.7	65/55						42100	3.604	29800	85	3.42
		9.1	20.7	70/59						41900	3.748	29100	89	3.27
		9.1	20.7	75/63						41600	3.928	28200	94	3.10
		9.1	20.7	80/67						41400	4.108	27400	99	2.95
		9.1	20.7	85/71										
	20.0	16.1	36.8	65/55						45600	3.674	33100	87	3.63
		16.1	36.8	70/59						45500	3.818	32500	91	3.49
		16.1	36.8	75/63						45200	3.998	31600	96	3.31
		16.1	36.8	80/67						45000	4.178	30700	101	3.15
		16.1	36.8	85/71										
30	10.0	3.9	8.9	65/55						44600	3.933	31200	87	3.32
		3.9	8.9	70/59	46500	34800	2.457	54900	18.9	44400	4.077	30500	90	3.19
		3.9	8.9	75/63	50500	36100	2.498	59000	20.2	44100	4.257	29600	95	3.03
		3.9	8.9	80/67	54400	37400	2.538	63100	21.4	43900	4.437	28800	100	2.90
		3.9	8.9	85/71	58300	38700	2.578	67100	22.6					
	15.0	8.8	20.1	65/55	43000	35700	2.371	51100	18.1	48100	4.003	34400	88	3.52
		8.8	20.1	70/59	46900	35000	2.409	55100	19.5	48000	4.147	33800	92	3.39
		8.8	20.1	75/63	50900	36300	2.449	59300	20.8	47700	4.327	32900	97	3.23
		8.8	20.1	80/67	54800	37600	2.489	63300	22.0	47500	4.507	32100	102	3.09
		8.8	20.1	85/71	58800	38800	2.530	67400	23.2					
	20.0	15.6	35.7	65/55	43400	35900	2.322	51300	18.7	51700	4.073	37800	90	3.72
		15.6	35.7	70/59	47300	35100	2.360	55400	20.0	51500	4.217	37100	94	3.58
		15.6	35.7	75/63	51300	36400	2.401	59500	21.4	51300	4.397	36300	99	3.42
		15.6	35.7	80/67	55200	37700	2.441	63500	22.6	51100	4.577	35500	104	3.27
		15.6	35.7	85/71	59200	39000	2.481	67700	23.9					
40	10.0	3.8	8.7	65/55	44600	36700	2.685	53800	16.6	50600	4.182	36300	89	3.54
		3.8	8.7	70/59	48500	36000	2.723	57800	17.8	50500	4.326	35700	93	3.42
		3.8	8.7	75/63	52400	37300	2.764	61800	19.0	50200	4.506	34800	98	3.26
		3.8	8.7	80/67	56400	38600	2.804	66000	20.1	50000	4.686	34000	103	3.12
		3.8	8.7	85/71	60300	39900	2.844	70000	21.2					
	15.0	8.5	19.5	65/55	45000	36900	2.637	54000	17.1	54200	4.252	39700	91	3.73
		8.5	19.5	70/59	48900	36100	2.675	58000	18.3	54000	4.396	39000	95	3.60
		8.5	19.5	75/63	52800	37400	2.715	62100	19.4	53800	4.576	38200	100	3.44
		8.5	19.5	80/67	56800	38700	2.755	66200	20.6	53600	4.756	37400	105	3.30
		8.5	19.5	85/71	60700	40000	2.796	70200	21.7					
	20.0	15.2	34.6	65/55	45400	37000	2.588	54200	17.5	57800	4.322	43000	93	3.92
		15.2	34.6	70/59	49300	36300	2.626	58300	18.8	57600	4.466	42400	97	3.78
		15.2	34.6	75/63	53200	37600	2.667	62300	19.9	57400	4.646	41500	101	3.62
		15.2	34.6	80/67	57200	38900	2.707	66400	21.1	57200	4.826	40700	106	3.47
		15.2	34.6	85/71	61100	40200	2.747	70500	22.2					
50	10.0	3.7	8.4	65/55	46600	38200	2.973	56700	15.7	56700	4.314	42000	92	3.85
		3.7	8.4	70/59	50500	37500	3.011	60800	16.8	56500	4.458	41300	96	3.71
		3.7	8.4	75/63	54500	38800	3.051	64900	17.9	56300	4.638	40500	101	3.55
		3.7	8.4	80/67	58400	40100	3.091	68900	18.9	56100	4.818	39700	106	3.41
		3.7	8.4	85/71	62300	41400	3.132	73000	19.9					
	15.0	8.3	19.0	65/55	47000	38400	2.924	57000	16.1	60300	4.384	45300	94	4.03
		8.3	19.0	70/59	50900	37600	2.962	61000	17.2	60100	4.528	44600	98	3.89
		8.3	19.0	75/63	54900	38900	3.003	65100	18.3	59900	4.708	43800	103	3.73
		8.3	19.0	80/67	58800	40200	3.043	69200	19.3	59700	4.888	43000	107	3.58
		8.3	19.0	85/71	62800	41500	3.083	73300	20.4					
	20.0	14.8	33.7	65/55	47400	38500	2.876	57200	16.5	63900	4.454	48700	95	4.20
		14.8	33.7	70/59	51300	37800	2.914	61200	17.6	63700	4.598	48000	99	4.06
		14.8	33.7	75/63	55300	39100	2.954	65400	18.7	63500	4.778	47200	104	3.89
		14.8	33.7	80/67	59200	40400	2.994	69400	19.8	63300	4.958	46400	109	3.74
		14.8	33.7	85/71	63200	41700	3.035	73600	20.8					
60	10.0	3.6	8.2	65/55	48300	39700	3.289	59500	14.7	62800	4.363	47900	95	4.21
		3.6	8.2	70/59	52200	39000	3.327	63600	15.7	62600	4.507	47200	99	4.07
		3.6	8.2	75/63	56200	40300	3.367	67700	16.7	62400	4.687	46400	104	3.90
		3.6	8.2	80/67	60100	41600	3.408	71700	17.6	62200	4.867	45600	109	3.74
		3.6	8.2	85/71	64100	42900	3.448	75900	18.6					
	15.0	8.1	18.5	65/55	48700	39900	3.241	59800	15.0	66400	4.433	51300	97	4.39
		8.1	18.5	70/59	52700	39200	3.279	63900	16.1	66200	4.577	50600	100	4.24
		8.1	18.5	75/63	56600	40500	3.319	67900	17.1	66000	4.757	49800	105	4.06
		8.1	18.5	80/67	60500	41700	3.359	72000	18.0	65700	4.937	48900	110	3.90
		8.1	18.5	85/71	64500	43000	3.399	76100	19.0					
	20.0	14.4	32.9	65/55	49100	40000	3.192	60000	15.4	70000	4.503	54600	98	4.55
		14.4	32.9	70/59	53100	39300	3.230	64100	16.4	69800	4.647	53900	102	4.40
		14.4	32.9	75/63	57000	40600	3.270	68200	17.4	69600	4.827	53100	107	4.22
		14.4	32.9	80/67	61000	41900	3.311	72300	18.4	69300	5.007	52200	112	4.05
		14.4	32.9	85/71	64900	43200	3.351	76300	19.4					

Tint = Operation Not Recommended

Refer to "Capacity Table Legend:" on page 94

Size 060 (2000 CFM) PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	10.0	3.5	8.1	65/55	49000	40700	3.640	61400	13.5	68900	4.361	54000	98	4.63
		3.5	8.1	70/59	53000	40000	3.678	65600	14.4	68700	4.505	53300	102	4.47
		3.5	8.1	75/63	56900	41300	3.719	69600	15.3	68500	4.685	52500	107	4.28
		3.5	8.1	80/67	60800	42600	3.759	73600	16.2	68200	4.865	51600	111	4.10
		3.5	8.1	85/71	64800	43800	3.799	77800	17.1					
	15.0	7.9	18.1	65/55	49500	40900	3.592	61800	13.8	72500	4.431	57400	99	4.79
		7.9	18.1	70/59	53400	40100	3.630	65800	14.7	72300	4.575	56700	103	4.63
		7.9	18.1	75/63	57300	41400	3.670	69800	15.6	72100	4.755	55900	108	4.44
		7.9	18.1	80/67	61300	42700	3.710	74000	16.5	71800	4.935	55000	113	4.26
		7.9	18.1	85/71	65200	44000	3.751	78000	17.4					
	20.0	14.1	32.2	65/55	49900	41000	3.543	62000	14.1	76100	4.501	60700	101	4.95
		14.1	32.2	70/59	53800	40300	3.581	66000	15.0	75900	4.645	60000	105	4.78
		14.1	32.2	75/63	57700	41600	3.622	70100	15.9	75600	4.825	59100	110	4.59
		14.1	32.2	80/67	61700	42900	3.662	74200	16.8	75400	5.005	58300	115	4.41
		14.1	32.2	85/71	65600	44200	3.702	78200	17.7					
80	10.0	3.5	7.9	65/55	48100	40600	4.033	61900	11.9	75000	4.341	60200	101	5.06
		3.5	7.9	70/59	52000	39900	4.071	65900	12.8	74800	4.485	59500	104	4.88
		3.5	7.9	75/63	56000	41200	4.112	70000	13.6	74600	4.665	58700	109	4.68
		3.5	7.9	80/67	59900	42500	4.152	74100	14.4	74300	4.845	57800	114	4.49
		3.5	7.9	85/71	63800	43800	4.192	78100	15.2					
	15.0	7.8	17.8	65/55	48500	40800	3.985	62100	12.2	78600	4.411	63500	102	5.22
		7.8	17.8	70/59	52400	40000	4.023	66100	13.0	78400	4.555	62900	106	5.04
		7.8	17.8	75/63	56400	41300	4.063	70300	13.9	78100	4.735	61900	111	4.83
		7.8	17.8	80/67	60300	42600	4.103	74300	14.7	77900	4.915	61100	116	4.64
		7.8	17.8	85/71	64300	43900	4.144	78400	15.5					
	20.0	13.9	31.6	65/55	48900	40900	3.936	62300	12.4	82100	4.481	66800	104	5.36
		13.9	31.6	70/59	52800	40200	3.974	66400	13.3	82000	4.625	66200	108	5.19
		13.9	31.6	75/63	56800	41500	4.015	70500	14.1	81700	4.805	65300	113	4.98
		13.9	31.6	80/67	60700	42800	4.055	74500	15.0	81500	4.985	64500	118	4.79
		13.9	31.6	85/71	64700	44100	4.095	78700	15.8					
90	10.0	3.4	7.8	65/55	45300	39300	4.474	60600	10.1	81100	4.336	66300	103	5.48
		3.4	7.8	70/59	49200	38600	4.513	64600	10.9	80900	4.480	65600	107	5.29
		3.4	7.8	75/63	53100	39800	4.553	68600	11.7	80600	4.660	64700	112	5.06
		3.4	7.8	80/67	57100	41100	4.593	72800	12.4	80400	4.840	63900	117	4.86
		3.4	7.8	85/71	61000	42400	4.633	76800	13.2					
	15.0	7.7	17.5	65/55	45700	39400	4.426	60800	10.3	84600	4.406	69600	105	5.62
		7.7	17.5	70/59	49600	38700	4.464	64800	11.1	84500	4.550	69000	109	5.44
		7.7	17.5	75/63	53600	40000	4.504	69000	11.9	84200	4.730	68100	114	5.21
		7.7	17.5	80/67	57500	41300	4.545	73000	12.7	84000	4.910	67200	119	5.01
		7.7	17.5	85/71	61400	42600	4.585	77000	13.4					
	20.0	13.6	31.1	65/55	46100	39600	4.377	61000	10.5	88200	4.476	72900	107	5.77
		13.6	31.1	70/59	50000	38900	4.416	65100	11.3	88000	4.620	72200	111	5.58
		13.6	31.1	75/63	54000	40200	4.456	69200	12.1	87800	4.800	71400	115	5.36
		13.6	31.1	80/67	57900	41500	4.496	73200	12.9	87600	4.980	70600	120	5.15
		13.6	31.1	85/71	61900	42800	4.536	77400	13.6					
100	10.0	3.4	7.7	65/55	41200	37200	4.970	58200	8.3					
		3.4	7.7	70/59	45100	36500	5.009	62200	9.0					
		3.4	7.7	75/63	49100	37800	5.049	66300	9.7					
		3.4	7.7	80/67	53000	39100	5.089	70400	10.4					
		3.4	7.7	85/71	57000	40400	5.129	74500	11.1					
	15.0	7.6	17.3	65/55	41600	37400	4.922	58400	8.5					
		7.6	17.3	70/59	45600	36700	4.960	62500	9.2					
		7.6	17.3	75/63	49500	37900	5.000	66600	9.9					
		7.6	17.3	80/67	53400	39200	5.041	70600	10.6					
		7.6	17.3	85/71	57400	40500	5.081	74700	11.3					
	20.0	13.4	30.7	65/55	42100	37500	4.873	58700	8.6					
		13.4	30.7	70/59	46000	36800	4.912	62800	9.4					
		13.4	30.7	75/63	49900	38100	4.952	66800	10.1					
		13.4	30.7	80/67	53900	39400	4.992	70900	10.8					
		13.4	30.7	85/71	57800	40700	5.032	75000	11.5					
110	10.0	3.3	7.6	65/55	37800	35900	5.528	56700	6.8					
		3.3	7.6	70/59	41700	35100	5.566	60700	7.5					
		3.3	7.6	75/63	45600	36400	5.606	64700	8.1					
		3.3	7.6	80/67	49600	37700	5.647	68900	8.8					
		3.3	7.6	85/71	53500	39000	5.687	72900	9.4					
	15.0	7.5	17.1	65/55	38200	36000	5.479	56900	7.0					
		7.5	17.1	70/59	42100	35300	5.518	60900	7.6					
		7.5	17.1	75/63	46000	36600	5.558	65000	8.3					
		7.5	17.1	80/67	50000	37900	5.598	69100	8.9					
		7.5	17.1	85/71	53900	39200	5.638	73100	9.6					
	20.0	13.3	30.3	65/55	38600	36200	5.431	57100	7.1					
		13.3	30.3	70/59	42500	35500	5.469	61200	7.8					
		13.3	30.3	75/63	46500	36800	5.509	65300	8.4					
		13.3	30.3	80/67	50400	38100	5.550	69300	9.1					
		13.3	30.3	85/71	54300	39300	5.590	73400	9.7					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 024 (800 CFM) Low ESP PSC Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	4.0	2.4	5.4	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					14400	1.360	9800	83	3.10
		2.4	5.4	70/59						14200	1.417	9400	86	2.93
		2.4	5.4	75/63						14000	1.487	8900	91	2.76
		2.4	5.4	80/67						13700	1.558	8400	96	2.57
		2.4	5.4	85/71										
	6.0	5.3	12.2	65/55						15000	1.371	10300	83	3.20
		5.3	12.2	70/59						14800	1.428	9900	87	3.03
		5.3	12.2	75/63						14500	1.498	9400	92	2.83
		5.3	12.2	80/67						14300	1.569	8900	96	2.67
		5.3	12.2	85/71										
	8.0	9.5	21.7	65/55						15500	1.383	10800	84	3.28
		9.5	21.7	70/59						15300	1.439	10400	88	3.11
		9.5	21.7	75/63						15100	1.510	9900	92	2.93
		9.5	21.7	80/67						14900	1.580	9500	97	2.76
		9.5	21.7	85/71										
30	4.0	2.3	5.3	65/55						17300	1.445	12400	86	3.51
		2.3	5.3	70/59	25100	20400	0.920	28200	27.3	17100	1.502	12000	90	3.33
		2.3	5.3	75/63	26700	20000	0.936	29900	28.5	16900	1.572	11500	94	3.15
		2.3	5.3	80/67	28300	19600	0.952	31500	29.7	16600	1.643	11000	99	2.96
		2.3	5.3	85/71	29800	19300	0.968	33100	30.8					
	6.0	5.2	11.8	65/55	23600	21500	0.897	26700	26.3	17800	1.456	12800	86	3.58
		5.2	11.8	70/59	25200	20400	0.912	28300	27.6	17700	1.513	12500	90	3.43
		5.2	11.8	75/63	26800	20000	0.928	30000	28.9	17400	1.583	12000	95	3.22
		5.2	11.8	80/67	28300	19700	0.944	31500	30.0	17200	1.654	11600	100	3.04
		5.2	11.8	85/71	29900	19300	0.960	33200	31.1					
	8.0	9.2	21.0	65/55	23700	21600	0.889	26700	26.7	18400	1.468	13400	87	3.67
		9.2	21.0	70/59	25200	20400	0.904	28300	27.9	18200	1.524	13000	91	3.50
		9.2	21.0	75/63	26800	20000	0.920	29900	29.1	18000	1.594	12600	96	3.31
		9.2	21.0	80/67	28400	19700	0.936	31600	30.3	17800	1.665	12100	100	3.13
		9.2	21.0	85/71	30000	19300	0.953	33300	31.5					
40	4.0	2.2	5.1	65/55	24500	22100	1.010	27900	24.3	20200	1.530	15000	89	3.87
		2.2	5.1	70/59	26100	21000	1.025	29600	25.5	20000	1.586	14600	93	3.69
		2.2	5.1	75/63	27700	20600	1.042	31300	26.6	19700	1.657	14000	98	3.48
		2.2	5.1	80/67	29200	20200	1.058	32800	27.6	19500	1.727	13600	102	3.31
		2.2	5.1	85/71	30800	19900	1.074	34500	28.7					
	6.0	5.0	11.5	65/55	24600	22100	1.002	28000	24.6	20700	1.541	15400	90	3.93
		5.0	11.5	70/59	26200	21000	1.018	29700	25.7	20500	1.598	15000	94	3.76
		5.0	11.5	75/63	27700	20600	1.034	31200	26.8	20300	1.668	14600	98	3.56
		5.0	11.5	80/67	29300	20300	1.050	32900	27.9	20100	1.739	14200	103	3.38
		5.0	11.5	85/71	30900	19900	1.066	34500	29.0					
	8.0	8.9	20.4	65/55	24700	22200	0.995	28100	24.8	21300	1.552	16000	91	4.02
		8.9	20.4	70/59	26200	21000	1.010	29600	25.9	21100	1.609	15600	94	3.84
		8.9	20.4	75/63	27800	20600	1.026	31300	27.1	20900	1.679	15200	99	3.64
		8.9	20.4	80/67	29400	20300	1.042	33000	28.2	20700	1.750	14700	104	3.46
		8.9	20.4	85/71	31000	19900	1.058	34600	29.3					
50	4.0	2.2	5.0	65/55	24600	22200	1.138	28500	21.6	23000	1.615	17500	92	4.17
		2.2	5.0	70/59	26200	21100	1.153	30100	22.7	22900	1.671	17200	96	4.01
		2.2	5.0	75/63	27700	20700	1.169	31700	23.7	22600	1.742	16700	101	3.80
		2.2	5.0	80/67	29300	20300	1.185	33300	24.7	22400	1.812	16200	106	3.62
		2.2	5.0	85/71	30900	20000	1.201	35000	25.7					
	6.0	4.9	11.2	65/55	24700	22300	1.130	28600	21.9	23600	1.626	18100	93	4.25
		4.9	11.2	70/59	26200	21100	1.145	30100	22.9	23400	1.682	17700	97	4.07
		4.9	11.2	75/63	27800	20700	1.161	31800	23.9	23200	1.753	17200	102	3.88
		4.9	11.2	80/67	29400	20400	1.178	33400	25.0	23000	1.823	16800	106	3.69
		4.9	11.2	85/71	31000	20000	1.194	35100	26.0					
	8.0	8.7	19.9	65/55	24700	22300	1.122	28500	22.0	24200	1.637	18600	94	4.33
		8.7	19.9	70/59	26300	21100	1.138	30200	23.1	24000	1.694	18200	98	4.15
		8.7	19.9	75/63	27900	20800	1.154	31800	24.2	23800	1.764	17800	102	3.95
		8.7	19.9	80/67	29500	20400	1.170	33500	25.2	23500	1.835	17200	107	3.75
		8.7	19.9	85/71	31000	20000	1.186	35000	26.1					
60	4.0	2.1	4.8	65/55	23700	21900	1.284	28100	18.5	25900	1.700	20100	96	4.46
		2.1	4.8	70/59	25300	20700	1.300	29700	19.5	25800	1.756	19800	100	4.30
		2.1	4.8	75/63	26900	20300	1.316	31400	20.4	25500	1.827	19300	104	4.09
		2.1	4.8	80/67	28500	20000	1.332	33000	21.4	25300	1.897	18800	109	3.91
		2.1	4.8	85/71	30000	19600	1.348	34600	22.3					
	6.0	4.8	10.9	65/55	23800	21900	1.277	28200	18.6	26500	1.711	20700	97	4.54
		4.8	10.9	70/59	25400	20700	1.292	29800	19.7	26300	1.767	20300	100	4.36
		4.8	10.9	75/63	26900	20400	1.308	31400	20.6	26100	1.838	19800	105	4.16
		4.8	10.9	80/67	28500	20000	1.324	33000	21.5	25900	1.908	19400	110	3.97
		4.8	10.9	85/71	30100	19600	1.340	34700	22.5					
	8.0	8.5	19.4	65/55	23900	21900	1.269	28200	18.8	27100	1.722	21200	97	4.61
		8.5	19.4	70/59	25400	20700	1.284	29800	19.8	26900	1.779	20800	101	4.43
		8.5	19.4	75/63	27000	20400	1.300	31400	20.8	26700	1.849	20400	106	4.23
		8.5	19.4	80/67	28600	20000	1.316	33100	21.7	26400	1.920	19800	110	4.03
		8.5	19.4	85/71	30200	19700	1.332	34700	22.7					

Size 024 (800 CFM) Low ESP PSC Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	4.0	2.1	4.7	65/55	22200	21100	1.447	27100	15.3	28800	1.785	22700	99	4.72
		2.1	4.7	70/59	23800	19900	1.462	28800	16.3	28600	1.841	22300	103	4.55
		2.1	4.7	75/63	25400	19500	1.478	30400	17.2	28400	1.912	21900	108	4.35
		2.1	4.7	80/67	26900	19200	1.494	32000	18.0	28200	1.982	21400	112	4.17
		2.1	4.7	85/71	28500	18800	1.511	33700	18.9					
	6.0	4.7	10.7	65/55	22300	21100	1.439	27200	15.5	29400	1.796	23300	100	4.79
		4.7	10.7	70/59	23800	19900	1.454	28800	16.4	29200	1.852	22900	104	4.62
		4.7	10.7	75/63	25400	19600	1.471	30400	17.3	29000	1.923	22400	108	4.42
		4.7	10.7	80/67	27000	19200	1.487	32100	18.2	28800	1.993	22000	113	4.23
		4.7	10.7	85/71	28600	18800	1.503	33700	19.0					
	8.0	8.3	19.0	65/55	22300	21100	1.431	27200	15.6	30000	1.807	23800	101	4.86
		8.3	19.0	70/59	23900	19900	1.447	28800	16.5	29800	1.863	23400	104	4.68
		8.3	19.0	75/63	25500	19600	1.463	30500	17.4	29600	1.934	23000	109	4.48
		8.3	19.0	80/67	27100	19200	1.479	32100	18.3	29300	2.004	22500	114	4.28
		8.3	19.0	85/71	28600	18900	1.495	33700	19.1					
80	4.0	2.0	4.7	65/55	20500	20000	1.622	26000	12.6	31700	1.869	25300	102	4.97
		2.0	4.7	70/59	22100	18800	1.638	27700	13.5	31500	1.926	24900	106	4.79
		2.0	4.7	75/63	23600	18500	1.654	29200	14.3	31300	1.996	24500	111	4.59
		2.0	4.7	80/67	25200	18100	1.670	30900	15.1	31100	2.067	24000	116	4.41
		2.0	4.7	85/71	26800	17800	1.686	32600	15.9					
	6.0	4.6	10.5	65/55	20500	20000	1.615	26000	12.7	32300	1.881	25900	103	5.03
		4.6	10.5	70/59	22100	18900	1.630	27700	13.6	32100	1.937	25500	107	4.85
		4.6	10.5	75/63	23700	18500	1.646	29300	14.4	31900	2.008	25000	112	4.65
		4.6	10.5	80/67	25300	18100	1.662	31000	15.2	31600	2.078	24500	116	4.45
		4.6	10.5	85/71	26800	17800	1.678	32500	16.0					
	8.0	8.2	18.6	65/55	20600	20100	1.607	26100	12.8	32900	1.892	26400	104	5.09
		8.2	18.6	70/59	22200	18900	1.622	27700	13.7	32700	1.948	26100	108	4.92
		8.2	18.6	75/63	23800	18500	1.638	29400	14.5	32400	2.019	25500	112	4.70
		8.2	18.6	80/67	25300	18200	1.654	30900	15.3	32200	2.089	25100	117	4.51
		8.2	18.6	85/71	26900	17800	1.670	32600	16.1					
90	4.0	2.0	4.6	65/55	18900	18900	1.808	25100	10.5	34600	1.954	27900	106	5.18
		2.0	4.6	70/59	20500	17700	1.823	26700	11.2	34400	2.011	27500	110	5.01
		2.0	4.6	75/63	22000	17400	1.839	28300	12.0	34200	2.081	27100	114	4.81
		2.0	4.6	80/67	23600	17000	1.855	29900	12.7	34000	2.152	26700	119	4.63
		2.0	4.6	85/71	25200	16600	1.871	31600	13.5					
	6.0	4.5	10.3	65/55	19000	18900	1.800	25100	10.6	35200	1.966	28500	107	5.24
		4.5	10.3	70/59	20500	17700	1.815	26700	11.3	35000	2.022	28100	110	5.07
		4.5	10.3	75/63	22100	17400	1.831	28300	12.1	34800	2.092	27700	115	4.87
		4.5	10.3	80/67	23700	17000	1.848	30000	12.8	34500	2.163	27100	120	4.67
		4.5	10.3	85/71	25300	16700	1.864	31700	13.6					
	8.0	8.0	18.3	65/55	19000	18900	1.792	25100	10.6	35800	1.977	29100	107	5.30
		8.0	18.3	70/59	20600	17800	1.808	26800	11.4	35600	2.033	28700	111	5.13
		8.0	18.3	75/63	22200	17400	1.824	28400	12.2	35300	2.104	28100	116	4.91
		8.0	18.3	80/67	23800	17100	1.840	30100	12.9	35100	2.174	27700	120	4.73
		8.0	18.3	85/71	25300	16700	1.856	31600	13.6					
100	4.0	2.0	4.5	65/55	17600	18000	2.000	24400	8.8					
		2.0	4.5	70/59	19100	16800	2.015	26000	9.5					
		2.0	4.5	75/63	20700	16500	2.032	27600	10.2					
		2.0	4.5	80/67	22300	16100	2.048	29300	10.9					
		2.0	4.5	85/71	23900	15800	2.064	30900	11.6					
	6.0	4.5	10.2	65/55	17600	18000	1.992	24400	8.8					
		4.5	10.2	70/59	19200	16900	2.008	26100	9.6					
		4.5	10.2	75/63	20800	16500	2.024	27700	10.3					
		4.5	10.2	80/67	22300	16200	2.040	29300	10.9					
		4.5	10.2	85/71	23900	15800	2.056	30900	11.6					
	8.0	7.9	18.1	65/55	17700	18100	1.985	24500	8.9					
		7.9	18.1	70/59	19300	16900	2.000	26100	9.7					
		7.9	18.1	75/63	20800	16500	2.016	27700	10.3					
		7.9	18.1	80/67	22400	16200	2.032	29300	11.0					
		7.9	18.1	85/71	24000	15800	2.048	31000	11.7					
110	4.0	2.0	4.5	65/55	16100	17700	2.196	23600	7.3					
		2.0	4.5	70/59	17700	16600	2.212	25200	8.0					
		2.0	4.5	75/63	19200	16200	2.228	26800	8.6					
		2.0	4.5	80/67	20800	15900	2.244	28500	9.3					
		2.0	4.5	85/71	22400	15500	2.260	30100	9.9					
	6.0	4.4	10.0	65/55	16200	17800	2.189	23700	7.4					
		4.4	10.0	70/59	17700	16600	2.204	25200	8.0					
		4.4	10.0	75/63	19300	16200	2.220	26900	8.7					
		4.4	10.0	80/67	20900	15900	2.236	28500	9.3					
		4.4	10.0	85/71	22500	15500	2.252	30200	10.0					
	8.0	7.8	17.9	65/55	16200	17800	2.181	23600	7.4					
		7.8	17.9	70/59	17800	16600	2.196	25300	8.1					
		7.8	17.9	75/63	19400	16300	2.212	26900	8.8					
		7.8	17.9	80/67	20900	15900	2.228	28500	9.4					
		7.8	17.9	85/71	22500	15600	2.245	30200	10.0					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 015 (500 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	2.5	1.0	2.4	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					8900	0.827	6100	82	3.15
		1.0	2.4	70/59						8700	0.861	5800	86	2.96
		1.0	2.4	75/63						8400	0.904	5300	90	2.72
		1.0	2.4	80/67						8200	0.947	5000	95	2.54
		1.0	2.4	85/71										
	3.8	2.2	4.9	65/55						9500	0.831	6700	83	3.35
		2.2	4.9	70/59						9300	0.866	6300	87	3.14
		2.2	4.9	75/63						9000	0.908	5900	92	2.90
		2.2	4.9	80/67						8800	0.951	5600	96	2.71
		2.2	4.9	85/71										
	5.0	3.6	8.2	65/55						10100	0.836	7200	85	3.54
		3.6	8.2	70/59						9900	0.870	6900	88	3.33
		3.6	8.2	75/63						9600	0.912	6500	93	3.08
		3.6	8.2	80/67						9400	0.955	6100	97	2.88
		3.6	8.2	85/71										
30	2.5	1.0	2.3	65/55						10700	0.858	7800	86	3.65
		1.0	2.3	70/59	15100	10200	0.519	16900	29.1	10500	0.892	7500	89	3.45
		1.0	2.3	75/63	15900	10800	0.513	17700	31.0	10300	0.935	7100	94	3.23
		1.0	2.3	80/67	16800	11300	0.508	18500	33.1	10000	0.977	6700	98	3.00
		1.0	2.3	85/71	17600	11800	0.502	19300	35.1					
	3.8	2.1	4.8	65/55	14600	10400	0.489	16300	29.9	11400	0.862	8500	87	3.87
		2.1	4.8	70/59	15400	10400	0.484	17100	31.8	11100	0.896	8000	90	3.63
		2.1	4.8	75/63	16300	10900	0.478	17900	34.1	10900	0.939	7700	95	3.40
		2.1	4.8	80/67	17100	11400	0.473	18700	36.2	10600	0.981	7300	100	3.16
		2.1	4.8	85/71	17900	12000	0.467	19500	38.3					
	5.0	3.5	8.0	65/55	15000	10500	0.454	16500	33.0	12000	0.866	9000	88	4.06
		3.5	8.0	70/59	15800	10600	0.448	17300	35.3	11700	0.900	8600	92	3.81
		3.5	8.0	75/63	16600	11100	0.443	18100	37.5	11500	0.943	8300	96	3.57
		3.5	8.0	80/67	17400	11600	0.437	18900	39.8	11200	0.986	7800	101	3.33
		3.5	8.0	85/71	18300	12100	0.432	19800	42.4					
40	2.5	1.0	2.2	65/55	14300	10400	0.595	16300	24.0	12600	0.888	9600	89	4.15
		1.0	2.2	70/59	15100	10400	0.589	17100	25.6	12400	0.922	9300	93	3.94
		1.0	2.2	75/63	15900	10900	0.584	17900	27.2	12100	0.965	8800	97	3.67
		1.0	2.2	80/67	16800	11500	0.578	18800	29.1	11800	1.008	8400	102	3.43
		1.0	2.2	85/71	17600	12000	0.573	19600	30.7					
	3.8	2.0	4.6	65/55	14600	10600	0.560	16500	26.1	13200	0.892	10200	90	4.33
		2.0	4.6	70/59	15400	10600	0.554	17300	27.8	13000	0.926	9800	94	4.11
		2.0	4.6	75/63	16300	11100	0.549	18200	29.7	12700	0.969	9400	98	3.84
		2.0	4.6	80/67	17100	11600	0.543	19000	31.5	12400	1.012	8900	103	3.59
		2.0	4.6	85/71	18000	12200	0.538	19800	33.5					
	5.0	3.4	7.7	65/55	15000	10700	0.525	16800	28.6	13800	0.896	10700	91	4.51
		3.4	7.7	70/59	15800	10800	0.519	17600	30.4	13600	0.930	10400	95	4.28
		3.4	7.7	75/63	16600	11300	0.514	18400	32.3	13300	0.973	10000	99	4.00
		3.4	7.7	80/67	17500	11800	0.508	19200	34.4	13000	1.016	9500	104	3.75
		3.4	7.7	85/71	18300	12300	0.503	20000	36.4					
50	2.5	1.0	2.2	65/55	14100	10400	0.673	16400	21.0	14400	0.918	11300	93	4.59
		1.0	2.2	70/59	14900	10500	0.668	17200	22.3	14200	0.953	10900	96	4.36
		1.0	2.2	75/63	15800	11000	0.662	18100	23.9	13900	0.995	10500	101	4.09
		1.0	2.2	80/67	16600	11500	0.657	18800	25.3	13700	1.038	10200	105	3.86
		1.0	2.2	85/71	17400	12000	0.651	19600	26.7					
	3.8	2.0	4.5	65/55	14500	10600	0.638	16700	22.7	15000	0.922	11900	94	4.76
		2.0	4.5	70/59	15300	10600	0.632	17500	24.2	14800	0.957	11500	97	4.53
		2.0	4.5	75/63	16100	11200	0.627	18200	25.7	14500	0.999	11100	102	4.25
		2.0	4.5	80/67	16900	11700	0.622	19000	27.2	14300	1.042	10700	106	4.02
		2.0	4.5	85/71	17800	12200	0.616	19900	28.9					
	5.0	3.3	7.5	65/55	14800	10800	0.603	16900	24.5	15600	0.927	12400	95	4.93
		3.3	7.5	70/59	15600	10800	0.597	17600	26.1	15400	0.961	12100	98	4.69
		3.3	7.5	75/63	16400	11300	0.592	18400	27.7	15100	1.003	11700	103	4.41
		3.3	7.5	80/67	17300	11800	0.586	19300	29.5	14900	1.046	11300	107	4.17
		3.3	7.5	85/71	18100	12400	0.581	20100	31.2					
60	2.5	0.9	2.1	65/55	13800	10300	0.760	16400	18.2	16200	0.949	13000	96	5.00
		0.9	2.1	70/59	14600	10400	0.755	17200	19.3	16000	0.983	12600	99	4.77
		0.9	2.1	75/63	15400	10900	0.749	18000	20.6	15800	1.026	12300	104	4.51
		0.9	2.1	80/67	16200	11400	0.744	18700	21.8	15500	1.068	11900	109	4.25
		0.9	2.1	85/71	17100	11900	0.738	19600	23.2					
	3.8	1.9	4.4	65/55	14100	10500	0.725	16600	19.4	16900	0.953	13600	97	5.19
		1.9	4.4	70/59	14900	10500	0.719	17400	20.7	16600	0.987	13200	101	4.92
		1.9	4.4	75/63	15700	11000	0.714	18100	22.0	16400	1.030	12900	105	4.66
		1.9	4.4	80/67	16600	11600	0.708	19000	23.4	16100	1.072	12400	110	4.40
		1.9	4.4	85/71	17400	12100	0.703	19800	24.8					
	5.0	3.2	7.3	65/55	14400	10700	0.690	16800	20.9	17500	0.957	14200	98	5.35
		3.2	7.3	70/59	15200	10700	0.684	17500	22.2	17200	0.991	13800	102	5.08
		3.2	7.3	75/63	16100	11200	0.679	18400	23.7	17000	1.034	13500	106	4.81
		3.2	7.3	80/67	16900	11700	0.673	19200	25.1	16700	1.077	13000	111	4.54
		3.2	7.3	85/71	17800	12300	0.668	20100	26.6					

Size 015 (500 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	2.5	0.9	2.1	65/55	13200	10100	0.857	16100	15.4	18100	0.979	14800	99	5.41
		0.9	2.1	70/59	14000	10100	0.851	16900	16.5	17900	1.013	14400	103	5.17
		0.9	2.1	75/63	14900	10700	0.846	17800	17.6	17600	1.056	14000	107	4.88
		0.9	2.1	80/67	15700	11200	0.841	18600	18.7	17300	1.099	13500	112	4.61
		0.9	2.1	85/71	16500	11700	0.835	19300	19.8					
	3.8	1.9	4.3	65/55	13600	10300	0.822	16400	16.5	18700	0.983	15300	100	5.57
		1.9	4.3	70/59	14400	10300	0.816	17200	17.6	18500	1.017	15000	104	5.33
		1.9	4.3	75/63	15200	10800	0.811	18000	18.7	18200	1.060	14600	109	5.03
		1.9	4.3	80/67	16000	11300	0.805	18700	19.9	17900	1.103	14100	113	4.75
		1.9	4.3	85/71	16900	11900	0.800	19600	21.1					
	5.0	3.2	7.2	65/55	13900	10500	0.787	16600	17.7	19300	0.987	15900	102	5.73
		3.2	7.2	70/59	14700	10500	0.781	17400	18.8	19100	1.021	15600	105	5.48
		3.2	7.2	75/63	15500	11000	0.776	18100	20.0	18800	1.064	15200	110	5.17
		3.2	7.2	80/67	16400	11500	0.770	19000	21.3	18500	1.107	14700	114	4.89
		3.2	7.2	85/71	17200	12000	0.765	19800	22.5					
80	2.5	0.9	2.0	65/55	12500	9800	0.965	15800	13.0	19900	1.009	16500	103	5.77
		0.9	2.0	70/59	13300	9900	0.960	16600	13.9	19700	1.044	16100	106	5.53
		0.9	2.0	75/63	14200	10400	0.954	17500	14.9	19400	1.086	15700	111	5.23
		0.9	2.0	80/67	15000	10900	0.949	18200	15.8	19200	1.129	15300	115	4.98
		0.9	2.0	85/71	15900	11400	0.943	19100	16.9					
	3.8	1.8	4.2	65/55	12900	10000	0.930	16100	13.9	20500	1.013	17000	104	5.93
		1.8	4.2	70/59	13700	10000	0.924	16900	14.8	20300	1.048	16700	107	5.67
		1.8	4.2	75/63	14500	10500	0.919	17600	15.8	20000	1.090	16300	112	5.37
		1.8	4.2	80/67	15400	11100	0.913	18500	16.9	19800	1.133	15900	116	5.12
		1.8	4.2	85/71	16200	11600	0.908	19300	17.8					
	5.0	3.1	7.1	65/55	13200	10200	0.895	16300	14.7	21100	1.018	17600	105	6.07
		3.1	7.1	70/59	14000	10200	0.889	17000	15.7	20900	1.052	17300	108	5.82
		3.1	7.1	75/63	14900	10700	0.884	17900	16.9	20600	1.095	16900	113	5.51
		3.1	7.1	80/67	15700	11200	0.878	18700	17.9	20400	1.137	16500	118	5.25
		3.1	7.1	85/71	16500	11800	0.873	19500	18.9					
90	2.5	0.9	2.0	65/55	11700	9500	1.086	15400	10.8	21700	1.040	18200	106	6.11
		0.9	2.0	70/59	12500	9500	1.080	16200	11.6	21500	1.074	17800	110	5.86
		0.9	2.0	75/63	13400	10000	1.075	17100	12.5	21300	1.117	17500	114	5.58
		0.9	2.0	80/67	14200	10600	1.069	17800	13.3	21000	1.159	17000	119	5.31
		0.9	2.0	85/71	15000	11100	1.064	18600	14.1					
	3.8	1.8	4.1	65/55	12100	9700	1.050	15700	11.5	22400	1.044	18800	107	6.28
		1.8	4.1	70/59	12900	9700	1.045	16500	12.3	22100	1.078	18400	111	6.00
		1.8	4.1	75/63	13700	10200	1.039	17200	13.2	21900	1.121	18100	115	5.72
		1.8	4.1	80/67	14500	10700	1.034	18000	14.0	21600	1.163	17600	120	5.44
		1.8	4.1	85/71	15400	11300	1.029	18900	15.0					
	5.0	3.0	6.9	65/55	12400	9800	1.015	15900	12.2	23000	1.048	19400	108	6.43
		3.0	6.9	70/59	13200	9900	1.010	16600	13.1	22700	1.082	19000	112	6.14
		3.0	6.9	75/63	14100	10400	1.004	17500	14.0	22500	1.125	18700	116	5.86
		3.0	6.9	80/67	14900	10900	0.999	18300	14.9	22200	1.168	18200	121	5.57
		3.0	6.9	85/71	15700	11400	0.993	19100	15.8					
100	2.5	0.9	2.0	65/55	10800	9200	1.220	15000	8.9					
		0.9	2.0	70/59	11600	9200	1.214	15700	9.6					
		0.9	2.0	75/63	12400	9700	1.209	16500	10.3					
		0.9	2.0	80/67	13300	10200	1.203	17400	11.1					
		0.9	2.0	85/71	14100	10800	1.198	18200	11.8					
	3.8	1.8	4.1	65/55	11100	9300	1.185	15100	9.4					
		1.8	4.1	70/59	11900	9400	1.179	15900	10.1					
		1.8	4.1	75/63	12800	9900	1.174	16800	10.9					
		1.8	4.1	80/67	13600	10400	1.168	17600	11.6					
		1.8	4.1	85/71	14500	10900	1.163	18500	12.5					
	5.0	3.0	6.8	65/55	11500	9500	1.149	15400	10.0					
		3.0	6.8	70/59	12300	9500	1.144	16200	10.8					
		3.0	6.8	75/63	13100	10100	1.139	17000	11.5					
		3.0	6.8	80/67	14000	10600	1.133	17900	12.4					
		3.0	6.8	85/71	14800	11100	1.128	18600	13.1					
110	2.5	0.9	2.0	65/55	9800	8900	1.369	14500	7.2					
		0.9	2.0	70/59	10600	8900	1.364	15300	7.8					
		0.9	2.0	75/63	11400	9400	1.358	16000	8.4					
		0.9	2.0	80/67	12200	9900	1.353	16800	9.0					
		0.9	2.0	85/71	13100	10400	1.347	17700	9.7					
	3.8	1.8	4.0	65/55	10100	9000	1.334	14700	7.6					
		1.8	4.0	70/59	10900	9100	1.328	15400	8.2					
		1.8	4.0	75/63	11700	9600	1.323	16200	8.8					
		1.8	4.0	80/67	12600	10100	1.318	17100	9.6					
		1.8	4.0	85/71	13400	10600	1.312	17900	10.2					
	5.0	3.0	6.8	65/55	10400	9200	1.299	14800	8.0					
		3.0	6.8	70/59	11300	9200	1.293	15700	8.7					
		3.0	6.8	75/63	12100	9800	1.288	16500	9.4					
		3.0	6.8	80/67	12900	10300	1.282	17300	10.1					
		3.0	6.8	85/71	13800	10800	1.277	18200	10.8					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 019 (630 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	3.0	1.3	3.0	65/55						12100	1.169	8100	84	3.03
		1.3	3.0	70/59						11900	1.209	7800	87	2.88
		1.3	3.0	75/63						11600	1.258	7300	92	2.70
		1.3	3.0	80/67						11300	1.308	6800	97	2.53
		1.3	3.0	85/71										
	4.5	3.0	6.8	65/55						12500	1.184	8500	84	3.09
		3.0	6.8	70/59						12300	1.224	8100	88	2.94
		3.0	6.8	75/63						12000	1.273	7700	93	2.76
		3.0	6.8	80/67						11800	1.323	7300	97	2.61
		3.0	6.8	85/71										
	6.0	5.4	12.3	65/55						13000	1.199	8900	85	3.17
		5.4	12.3	70/59						12700	1.239	8500	89	3.00
		5.4	12.3	75/63						12500	1.288	8100	93	2.84
		5.4	12.3	80/67						12200	1.338	7600	98	2.67
		5.4	12.3	85/71										
30	3.0	1.3	2.9	65/55						14600	1.237	10400	87	3.46
		1.3	2.9	70/59	23900	15400	0.915	27000	26.1	14400	1.276	10000	91	3.30
		1.3	2.9	75/63	25000	16000	0.904	28100	27.7	14100	1.326	9600	96	3.11
		1.3	2.9	80/67	26100	16600	0.893	29100	29.2	13800	1.376	9100	100	2.94
		1.3	2.9	85/71	27200	17300	0.881	30200	30.9					
	4.5	2.9	6.6	65/55	23000	15200	0.895	26100	25.7	15000	1.252	10700	88	3.51
		2.9	6.6	70/59	24100	15200	0.884	27100	27.3	14800	1.291	10400	92	3.36
		2.9	6.6	75/63	25200	15800	0.873	28200	28.9	14500	1.341	9900	96	3.17
		2.9	6.6	80/67	26300	16500	0.861	29200	30.5	14200	1.391	9500	101	2.99
		2.9	6.6	85/71	27400	17100	0.850	30300	32.2					
	6.0	5.2	11.9	65/55	23200	15000	0.864	26100	26.9	15400	1.267	11100	89	3.56
		5.2	11.9	70/59	24300	15000	0.852	27200	28.5	15200	1.306	10700	92	3.41
		5.2	11.9	75/63	25400	15700	0.841	28300	30.2	14900	1.356	10300	97	3.22
		5.2	11.9	80/67	26500	16300	0.830	29300	31.9	14600	1.406	9800	101	3.04
		5.2	11.9	85/71	27600	17000	0.818	30400	33.7					
40	3.0	1.2	2.8	65/55	22600	15400	1.033	26100	21.9	17100	1.305	12600	91	3.84
		1.2	2.8	70/59	23700	15400	1.022	27200	23.2	16800	1.344	12200	95	3.66
		1.2	2.8	75/63	24900	16100	1.010	28300	24.7	16600	1.394	11800	99	3.49
		1.2	2.8	80/67	26000	16700	0.999	29400	26.0	16300	1.444	11400	104	3.31
		1.2	2.8	85/71	27100	17400	0.988	30500	27.4					
	4.5	2.8	6.4	65/55	22800	15300	1.001	26200	22.8	17500	1.319	13000	92	3.88
		2.8	6.4	70/59	23900	15300	0.990	27300	24.1	17300	1.359	12700	95	3.73
		2.8	6.4	75/63	25100	15900	0.979	28400	25.6	17000	1.409	12200	100	3.53
		2.8	6.4	80/67	26200	16600	0.967	29500	27.1	16700	1.459	11700	104	3.35
		2.8	6.4	85/71	27300	17200	0.956	30600	28.6					
	6.0	5.1	11.5	65/55	23000	15100	0.970	26300	23.7	17900	1.334	13300	92	3.93
		5.1	11.5	70/59	24100	15100	0.959	27400	25.1	17700	1.374	13000	96	3.77
		5.1	11.5	75/63	25300	15800	0.947	28500	26.7	17400	1.424	12500	100	3.58
		5.1	11.5	80/67	26400	16400	0.936	29600	28.2	17100	1.474	12100	105	3.40
		5.1	11.5	85/71	27500	17000	0.925	30700	29.7					
50	3.0	1.2	2.8	65/55	22000	15400	1.139	25900	19.3	19500	1.372	14800	95	4.16
		1.2	2.8	70/59	23100	15400	1.128	26900	20.5	19300	1.412	14500	98	4.00
		1.2	2.8	75/63	24200	16100	1.116	28000	21.7	19000	1.462	14000	103	3.81
		1.2	2.8	80/67	25300	16700	1.105	29100	22.9	18700	1.512	13500	107	3.62
		1.2	2.8	85/71	26400	17300	1.093	30100	24.2					
	4.5	2.7	6.3	65/55	22200	15300	1.107	26000	20.1	20000	1.387	15300	95	4.22
		2.7	6.3	70/59	23300	15300	1.096	27000	21.3	19700	1.427	14800	99	4.04
		2.7	6.3	75/63	24400	15900	1.085	28100	22.5	19500	1.477	14500	104	3.87
		2.7	6.3	80/67	25500	16600	1.073	29200	23.8	19200	1.527	14000	108	3.68
		2.7	6.3	85/71	26600	17200	1.062	30200	25.0					
	6.0	4.9	11.2	65/55	22400	15100	1.076	26100	20.8	20400	1.402	15600	96	4.26
		4.9	11.2	70/59	23500	15100	1.065	27100	22.1	20200	1.442	15300	100	4.10
		4.9	11.2	75/63	24600	15800	1.053	28200	23.4	19900	1.492	14800	104	3.91
		4.9	11.2	80/67	25700	16400	1.042	29300	24.7	19600	1.542	14300	109	3.72
		4.9	11.2	85/71	26800	17000	1.030	30300	26.0					
60	3.0	1.2	2.7	65/55	20900	15300	1.249	25200	16.7	22000	1.440	17100	98	4.47
		1.2	2.7	70/59	22000	15300	1.238	26200	17.8	21800	1.480	16700	102	4.31
		1.2	2.7	75/63	23100	16000	1.227	27300	18.8	21500	1.530	16300	106	4.11
		1.2	2.7	80/67	24200	16600	1.215	28300	19.9	21200	1.580	15800	111	3.93
		1.2	2.7	85/71	25300	17200	1.204	29400	21.0					
	4.5	2.7	6.1	65/55	21100	15100	1.218	25300	17.3	22400	1.455	17400	99	4.51
		2.7	6.1	70/59	22200	15200	1.207	26300	18.4	22200	1.495	17100	102	4.35
		2.7	6.1	75/63	23300	15800	1.195	27400	19.5	21900	1.545	16600	107	4.15
		2.7	6.1	80/67	24400	16500	1.184	28400	20.6	21600	1.595	16200	112	3.97
		2.7	6.1	85/71	25500	17100	1.172	29500	21.8					
	6.0	4.8	11.0	65/55	21300	15000	1.186	25300	18.0	22800	1.470	17800	99	4.54
		4.8	11.0	70/59	22400	15000	1.175	26400	19.1	22600	1.510	17400	103	4.38
		4.8	11.0	75/63	23500	15700	1.164	27500	20.2	22300	1.560	17000	108	4.19
		4.8	11.0	80/67	24600	16300	1.152	28500	21.4	22100	1.610	16600	112	4.02
		4.8	11.0	85/71	25700	16900	1.141	29600	22.5					

Tint = Operation Not Recommended

Refer to "Capacity Table Legend:" on page 94

Size 019 (630 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	3.0	1.2	2.6	65/55	20000	15500	1.311	24500	15.3	23900	1.438	19000	101	4.87
		1.2	2.6	70/59	21100	15500	1.300	25500	16.2	23700	1.478	18700	105	4.70
		1.2	2.6	75/63	22300	16100	1.288	26700	17.3	23400	1.528	18200	109	4.48
		1.2	2.6	80/67	23400	16800	1.277	27800	18.3	23100	1.577	17700	114	4.29
		1.2	2.6	85/71	24500	17400	1.266	28800	19.4					
	4.5	2.6	6.0	65/55	20200	15300	1.280	24600	15.8	24400	1.453	19400	102	4.92
		2.6	6.0	70/59	21300	15300	1.268	25600	16.8	24100	1.493	19000	105	4.73
		2.6	6.0	75/63	22500	16000	1.257	26800	17.9	23800	1.543	18500	110	4.52
		2.6	6.0	80/67	23600	16600	1.246	27900	18.9	23600	1.592	18200	114	4.34
		2.6	6.0	85/71	24700	17300	1.234	28900	20.0					
	6.0	4.7	10.7	65/55	20400	15200	1.248	24700	16.3	24800	1.468	19800	102	4.95
		4.7	10.7	70/59	21500	15200	1.237	25700	17.4	24500	1.508	19400	106	4.76
		4.7	10.7	75/63	22700	15800	1.225	26900	18.5	24300	1.558	19000	111	4.57
		4.7	10.7	80/67	23800	16500	1.214	27900	19.6	24000	1.607	18500	115	4.37
		4.7	10.7	85/71	24900	17100	1.203	29000	20.7					
80	3.0	1.1	2.6	65/55	18500	15100	1.445	23400	12.8	26400	1.506	21300	105	5.13
		1.1	2.6	70/59	19600	15100	1.434	24500	13.7	26200	1.546	20900	108	4.96
		1.1	2.6	75/63	20700	15800	1.422	25600	14.6	25900	1.595	20500	113	4.75
		1.1	2.6	80/67	21800	16400	1.411	26600	15.5	25600	1.645	20000	117	4.56
		1.1	2.6	85/71	23000	17000	1.400	27800	16.4					
	4.5	2.6	5.9	65/55	18700	14900	1.413	23500	13.2	26800	1.521	21600	105	5.16
		2.6	5.9	70/59	19800	15000	1.402	24600	14.1	26600	1.561	21300	109	4.99
		2.6	5.9	75/63	20900	15600	1.391	25600	15.0	26300	1.610	20800	113	4.78
		2.6	5.9	80/67	22000	16200	1.379	26700	16.0	26000	1.660	20300	118	4.59
		2.6	5.9	85/71	23200	16900	1.368	27900	17.0					
	6.0	4.6	10.5	65/55	18900	14800	1.382	23600	13.7	27200	1.536	22000	106	5.19
		4.6	10.5	70/59	20000	14800	1.371	24700	14.6	27000	1.576	21600	109	5.02
		4.6	10.5	75/63	21100	15500	1.359	25700	15.5	26700	1.625	21200	114	4.81
		4.6	10.5	80/67	22200	16100	1.348	26800	16.5	26500	1.675	20800	119	4.63
		4.6	10.5	85/71	23400	16700	1.337	28000	17.5					
90	3.0	1.1	2.5	65/55	17000	14500	1.598	22500	10.6	28900	1.574	23500	108	5.38
		1.1	2.5	70/59	18100	14600	1.587	23500	11.4	28700	1.614	23200	112	5.21
		1.1	2.5	75/63	19200	15200	1.575	24600	12.2	28400	1.663	22700	117	5.00
		1.1	2.5	80/67	20300	15900	1.564	25600	13.0	28100	1.713	22300	121	4.80
		1.1	2.5	85/71	21400	16500	1.552	26700	13.8					
	4.5	2.5	5.8	65/55	17200	14400	1.566	22500	11.0	29300	1.589	23900	109	5.40
		2.5	5.8	70/59	18300	14400	1.555	23600	11.8	29100	1.629	23500	113	5.23
		2.5	5.8	75/63	19400	15100	1.544	24700	12.6	28800	1.678	23100	117	5.03
		2.5	5.8	80/67	20500	15700	1.532	25700	13.4	28500	1.728	22600	122	4.83
		2.5	5.8	85/71	21600	16300	1.521	26800	14.2					
	6.0	4.5	10.4	65/55	17400	14200	1.535	22600	11.3	29700	1.604	24200	109	5.42
		4.5	10.4	70/59	18500	14300	1.524	23700	12.1	29500	1.643	23900	113	5.26
		4.5	10.4	75/63	19600	14900	1.512	24800	13.0	29200	1.693	23400	118	5.05
		4.5	10.4	80/67	20700	15500	1.501	25800	13.8	28900	1.743	23000	122	4.85
		4.5	10.4	85/71	21800	16200	1.489	26900	14.6					
100	3.0	1.1	2.5	65/55	15500	13800	1.774	21600	8.7					
		1.1	2.5	70/59	16600	13800	1.763	22600	9.4					
		1.1	2.5	75/63	17700	14500	1.752	23700	10.1					
		1.1	2.5	80/67	18800	15100	1.740	24700	10.8					
		1.1	2.5	85/71	20000	15800	1.729	25900	11.6					
	4.5	2.5	5.7	65/55	15700	13700	1.743	21600	9.0					
		2.5	5.7	70/59	16800	13700	1.732	22700	9.7					
		2.5	5.7	75/63	17900	14300	1.720	23800	10.4					
		2.5	5.7	80/67	19000	15000	1.709	24800	11.1					
		2.5	5.7	85/71	20200	15600	1.697	26000	11.9					
	6.0	4.5	10.2	65/55	15900	13500	1.711	21700	9.3					
		4.5	10.2	70/59	17000	13500	1.700	22800	10.0					
		4.5	10.2	75/63	18100	14200	1.689	23900	10.7					
		4.5	10.2	80/67	19200	14800	1.677	24900	11.4					
		4.5	10.2	85/71	20400	15400	1.666	26100	12.2					
110	3.0	1.1	2.5	65/55	14300	12900	1.979	21100	7.2					
		1.1	2.5	70/59	15400	12900	1.968	22100	7.8					
		1.1	2.5	75/63	16500	13500	1.957	23200	8.4					
		1.1	2.5	80/67	17600	14200	1.945	24200	9.0					
		1.1	2.5	85/71	18700	14800	1.934	25300	9.7					
	4.5	2.5	5.6	65/55	14500	12700	1.948	21100	7.4					
		2.5	5.6	70/59	15600	12800	1.937	22200	8.1					
		2.5	5.6	75/63	16700	13400	1.925	23300	8.7					
		2.5	5.6	80/67	17800	14000	1.914	24300	9.3					
		2.5	5.6	85/71	18900	14700	1.903	25400	9.9					
	6.0	4.4	10.1	65/55	14700	12600	1.916	21200	7.7					
		4.4	10.1	70/59	15800	12600	1.905	22300	8.3					
		4.4	10.1	75/63	16900	13200	1.894	23400	8.9					
		4.4	10.1	80/67	18000	13900	1.882	24400	9.6					
		4.4	10.1	85/71	19100	14500	1.871	25500	10.2					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 024 (800 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	4.0	2.4	5.4	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					14700	1.373	10000	83	3.13
		2.4	5.4	70/59						14500	1.430	9600	87	2.97
		2.4	5.4	75/63						14200	1.500	9100	91	2.77
		2.4	5.4	80/67						14000	1.571	8600	96	2.61
		2.4	5.4	85/71										
	6.0	5.3	12.2	65/55						15200	1.384	10500	83	3.22
		5.3	12.2	70/59						15100	1.441	10200	87	3.07
		5.3	12.2	75/63						14800	1.511	9600	92	2.87
		5.3	12.2	80/67						14600	1.582	9200	97	2.70
		5.3	12.2	85/71										
	8.0	9.5	21.7	65/55						15800	1.396	11000	84	3.31
		9.5	21.7	70/59						15600	1.452	10600	88	3.15
		9.5	21.7	75/63						15400	1.523	10200	93	2.96
		9.5	21.7	80/67						15200	1.593	9800	97	2.79
		9.5	21.7	85/71										
30	4.0	2.3	5.3	65/55						17600	1.458	12600	86	3.53
		2.3	5.3	70/59	24600	19900	0.955	27900	25.8	17400	1.515	12200	90	3.36
		2.3	5.3	75/63	26200	19600	0.971	29500	27.0	17100	1.585	11700	95	3.16
		2.3	5.3	80/67	27700	19200	0.987	31100	28.1	16900	1.656	11200	99	2.99
		2.3	5.3	85/71	29200	18900	1.003	32600	29.1					
	6.0	5.2	11.8	65/55	23100	21100	0.932	26300	24.8	18100	1.469	13100	87	3.61
		5.2	11.8	70/59	24700	20000	0.947	27900	26.1	17900	1.526	12700	91	3.43
		5.2	11.8	75/63	26200	19600	0.963	29500	27.2	17700	1.596	12300	95	3.25
		5.2	11.8	80/67	27800	19300	0.979	31100	28.4	17500	1.667	11800	100	3.07
		5.2	11.8	85/71	29300	18900	0.995	32700	29.4					
	8.0	9.2	21.0	65/55	23200	21100	0.924	26400	25.1	18700	1.481	13600	88	3.70
		9.2	21.0	70/59	24700	20000	0.939	27900	26.3	18500	1.537	13300	91	3.52
		9.2	21.0	75/63	26300	19600	0.955	29600	27.5	18300	1.607	12800	96	3.33
		9.2	21.0	80/67	27800	19300	0.971	31100	28.6	18100	1.678	12400	101	3.16
		9.2	21.0	85/71	29400	18900	0.988	32800	29.8					
40	4.0	2.2	5.1	65/55	24000	21700	1.045	27600	23.0	20400	1.543	15100	89	3.87
		2.2	5.1	70/59	25600	20500	1.060	29200	24.2	20300	1.599	14800	93	3.72
		2.2	5.1	75/63	27100	20200	1.077	30800	25.2	20000	1.670	14300	98	3.51
		2.2	5.1	80/67	28700	19800	1.093	32400	26.3	19800	1.740	13900	103	3.33
		2.2	5.1	85/71	30200	19500	1.109	34000	27.2					
	6.0	5.0	11.5	65/55	24100	21700	1.037	27600	23.2	21000	1.554	15700	90	3.96
		5.0	11.5	70/59	25600	20600	1.053	29200	24.3	20800	1.611	15300	94	3.78
		5.0	11.5	75/63	27200	20200	1.069	30800	25.4	20600	1.681	14900	99	3.59
		5.0	11.5	80/67	28700	19900	1.085	32400	26.5	20400	1.752	14400	103	3.41
		5.0	11.5	85/71	30300	19500	1.101	34100	27.5					
	8.0	8.9	20.4	65/55	24200	21700	1.030	27700	23.5	21600	1.565	16300	91	4.04
		8.9	20.4	70/59	25700	20600	1.045	29300	24.6	21400	1.622	15900	95	3.86
		8.9	20.4	75/63	27200	20200	1.061	30800	25.6	21200	1.692	15400	99	3.67
		8.9	20.4	80/67	28800	19900	1.077	32500	26.7	20900	1.763	14900	104	3.47
		8.9	20.4	85/71	30300	19500	1.093	34000	27.7					
50	4.0	2.2	5.0	65/55	24100	21800	1.173	28100	20.5	23300	1.628	17700	93	4.19
		2.2	5.0	70/59	25600	20600	1.188	29700	21.5	23100	1.684	17400	97	4.02
		2.2	5.0	75/63	27200	20300	1.204	31300	22.6	22900	1.755	16900	101	3.82
		2.2	5.0	80/67	28700	19900	1.220	32900	23.5	22700	1.825	16500	106	3.64
		2.2	5.0	85/71	30300	19600	1.236	34500	24.5					
	6.0	4.9	11.2	65/55	24200	21800	1.165	28200	20.8	23900	1.639	18300	94	4.27
		4.9	11.2	70/59	25700	20700	1.180	29700	21.8	23700	1.695	17900	97	4.09
		4.9	11.2	75/63	27300	20300	1.196	31400	22.8	23500	1.766	17500	102	3.90
		4.9	11.2	80/67	28800	20000	1.213	32900	23.7	23300	1.836	17000	107	3.72
		4.9	11.2	85/71	30300	19600	1.229	34500	24.7					
	8.0	8.7	19.9	65/55	24200	21800	1.157	28100	20.9	24500	1.650	18900	94	4.35
		8.7	19.9	70/59	25800	20700	1.173	29800	22.0	24300	1.707	18500	98	4.17
		8.7	19.9	75/63	27300	20300	1.189	31400	23.0	24100	1.777	18000	103	3.97
		8.7	19.9	80/67	28900	20000	1.205	33000	24.0	23800	1.848	17500	107	3.77
		8.7	19.9	85/71	30400	19600	1.221	34600	24.9					
60	4.0	2.1	4.8	65/55	23300	21400	1.319	27800	17.7	26200	1.713	20400	96	4.48
		2.1	4.8	70/59	24800	20300	1.335	29400	18.6	26000	1.769	20000	100	4.30
		2.1	4.8	75/63	26300	19900	1.351	30900	19.5	25800	1.840	19500	105	4.11
		2.1	4.8	80/67	27900	19600	1.367	32600	20.4	25600	1.910	19100	109	3.92
		2.1	4.8	85/71	29400	19200	1.383	34100	21.3					
	6.0	4.8	10.9	65/55	23300	21400	1.312	27800	17.8	26800	1.724	20900	97	4.55
		4.8	10.9	70/59	24900	20300	1.327	29400	18.8	26600	1.780	20500	101	4.38
		4.8	10.9	75/63	26400	19900	1.343	31000	19.7	26400	1.851	20100	105	4.18
		4.8	10.9	80/67	27900	19600	1.359	32500	20.5	26100	1.921	19500	110	3.98
		4.8	10.9	85/71	29500	19200	1.375	34200	21.5					
	8.0	8.5	19.4	65/55	23400	21500	1.304	27900	17.9	27400	1.735	21500	98	4.62
		8.5	19.4	70/59	24900	20300	1.319	29400	18.9	27200	1.792	21100	101	4.44
		8.5	19.4	75/63	26500	20000	1.335	31100	19.9	26900	1.862	20500	106	4.23
		8.5	19.4	80/67	28000	19600	1.351	32600	20.7	26700	1.933	20100	111	4.04
		8.5	19.4	85/71	29600	19300	1.367	34300	21.7					

Size 024 (800 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	4.0	2.1	4.7	65/55	21800	20600	1.482	26900	14.7	29100	1.798	23000	99	4.74
		2.1	4.7	70/59	23300	19500	1.497	28400	15.6	28900	1.854	22600	103	4.56
		2.1	4.7	75/63	24900	19100	1.513	30100	16.5	28700	1.925	22100	108	4.37
		2.1	4.7	80/67	26400	18800	1.529	31600	17.3	28500	1.995	21700	113	4.18
		2.1	4.7	85/71	27900	18400	1.546	33200	18.0					
	6.0	4.7	10.7	65/55	21800	20700	1.474	26800	14.8	29700	1.809	23500	100	4.81
		4.7	10.7	70/59	23400	19500	1.489	28500	15.7	29500	1.865	23100	104	4.63
		4.7	10.7	75/63	24900	19200	1.506	30000	16.5	29300	1.936	22700	109	4.43
		4.7	10.7	80/67	26500	18800	1.522	31700	17.4	29000	2.006	22200	113	4.23
		4.7	10.7	85/71	28000	18500	1.538	33200	18.2					
	8.0	8.3	19.0	65/55	21900	20700	1.466	26900	14.9	30300	1.820	24100	101	4.87
		8.3	19.0	70/59	23400	19600	1.482	28500	15.8	30100	1.876	23700	105	4.70
		8.3	19.0	75/63	25000	19200	1.498	30100	16.7	29800	1.947	23200	109	4.48
		8.3	19.0	80/67	26500	18800	1.514	31700	17.5	29600	2.017	22700	114	4.30
		8.3	19.0	85/71	28100	18500	1.530	33300	18.4					
80	4.0	2.0	4.7	65/55	20100	19600	1.657	25800	12.1	32000	1.882	25600	103	4.98
		2.0	4.7	70/59	21600	18500	1.673	27300	12.9	31800	1.939	25200	107	4.80
		2.0	4.7	75/63	23200	18100	1.689	29000	13.7	31600	2.009	24700	111	4.61
		2.0	4.7	80/67	24700	17800	1.705	30500	14.5	31300	2.080	24200	116	4.41
		2.0	4.7	85/71	26200	17400	1.721	32100	15.2					
	6.0	4.6	10.5	65/55	20100	19600	1.650	25700	12.2	32600	1.894	26100	104	5.04
		4.6	10.5	70/59	21700	18500	1.665	27400	13.0	32400	1.950	25700	107	4.87
		4.6	10.5	75/63	23200	18100	1.681	28900	13.8	32200	2.021	25300	112	4.67
		4.6	10.5	80/67	24800	17800	1.697	30600	14.6	31900	2.091	24800	117	4.47
		4.6	10.5	85/71	26300	17400	1.713	32100	15.4					
	8.0	8.2	18.6	65/55	20200	19600	1.642	25800	12.3	33100	1.905	26600	104	5.09
		8.2	18.6	70/59	21700	18500	1.657	27400	13.1	33000	1.961	26300	108	4.93
		8.2	18.6	75/63	23300	18200	1.673	29000	13.9	32700	2.032	25800	113	4.71
		8.2	18.6	80/67	24800	17800	1.689	30600	14.7	32500	2.102	25300	117	4.53
		8.2	18.6	85/71	26400	17500	1.705	32200	15.5					
90	4.0	2.0	4.6	65/55	18500	18500	1.843	24800	10.0	34900	1.967	28200	106	5.20
		2.0	4.6	70/59	20100	17400	1.858	26400	10.8	34700	2.024	27800	110	5.02
		2.0	4.6	75/63	21600	17000	1.874	28000	11.5	34500	2.094	27400	115	4.82
		2.0	4.6	80/67	23100	16700	1.890	29600	12.2	34200	2.165	26800	119	4.63
		2.0	4.6	85/71	24700	16300	1.906	31200	13.0					
	6.0	4.5	10.3	65/55	18600	18500	1.835	24900	10.1	35500	1.979	28700	107	5.25
		4.5	10.3	70/59	20100	17400	1.850	26400	10.9	35300	2.035	28400	111	5.08
		4.5	10.3	75/63	21700	17000	1.866	28100	11.6	35000	2.105	27800	115	4.87
		4.5	10.3	80/67	23200	16700	1.883	29600	12.3	34800	2.176	27400	120	4.68
		4.5	10.3	85/71	24800	16300	1.899	31300	13.1					
	8.0	8.0	18.3	65/55	18600	18600	1.827	24800	10.2	36000	1.990	29200	107	5.30
		8.0	18.3	70/59	20200	17400	1.843	26500	11.0	35800	2.046	28800	111	5.12
		8.0	18.3	75/63	21700	17100	1.859	28000	11.7	35600	2.117	28400	116	4.92
		8.0	18.3	80/67	23300	16700	1.875	29700	12.4	35400	2.187	27900	121	4.74
		8.0	18.3	85/71	24800	16400	1.891	31300	13.1					
100	4.0	2.0	4.5	65/55	17200	17600	2.035	24100	8.5					
		2.0	4.5	70/59	18700	16500	2.050	25700	9.1					
		2.0	4.5	75/63	20300	16200	2.067	27400	9.8					
		2.0	4.5	80/67	21800	15800	2.083	28900	10.5					
		2.0	4.5	85/71	23400	15400	2.099	30600	11.1					
	6.0	4.5	10.2	65/55	17300	17700	2.027	24200	8.5					
		4.5	10.2	70/59	18800	16500	2.043	25800	9.2					
		4.5	10.2	75/63	20400	16200	2.059	27400	9.9					
		4.5	10.2	80/67	21900	15800	2.075	29000	10.6					
		4.5	10.2	85/71	23400	15500	2.091	30500	11.2					
	8.0	7.9	18.1	65/55	17300	17700	2.020	24200	8.6					
		7.9	18.1	70/59	18900	16600	2.035	25800	9.3					
		7.9	18.1	75/63	20400	16200	2.051	27400	9.9					
		7.9	18.1	80/67	22000	15900	2.067	29100	10.6					
		7.9	18.1	85/71	23500	15500	2.083	30600	11.3					
110	4.0	2.0	4.5	65/55	15800	17400	2.231	23400	7.1					
		2.0	4.5	70/59	17300	16200	2.247	25000	7.7					
		2.0	4.5	75/63	18900	15900	2.263	26600	8.4					
		2.0	4.5	80/67	20400	15500	2.279	28200	9.0					
		2.0	4.5	85/71	21900	15200	2.295	29700	9.5					
	6.0	4.4	10.0	65/55	15800	17400	2.224	23400	7.1					
		4.4	10.0	70/59	17400	16300	2.239	25000	7.8					
		4.4	10.0	75/63	18900	15900	2.255	26600	8.4					
		4.4	10.0	80/67	20500	15600	2.271	28300	9.0					
		4.4	10.0	85/71	22000	15200	2.287	29800	9.6					
	8.0	7.8	17.9	65/55	15900	17400	2.216	23500	7.2					
		7.8	17.9	70/59	17400	16300	2.231	25000	7.8					
		7.8	17.9	75/63	19000	15900	2.247	26700	8.5					
		7.8	17.9	80/67	20500	15600	2.263	28200	9.1					
		7.8	17.9	85/71	22100	15200	2.280	29900	9.7					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation.

Size 030 (1000 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	5.0	1.3	2.9	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					18500	1.814	12300	83	2.99
		1.3	2.9	70/59						18300	1.888	11900	87	2.84
		1.3	2.9	75/63						18100	1.980	11300	92	2.68
		1.3	2.9	80/67						17900	2.073	10800	96	2.53
		1.3	2.9	85/71										
	7.5	2.9	6.6	65/55						19400	1.831	13200	84	3.10
		2.9	6.6	70/59						19200	1.905	12700	88	2.95
		2.9	6.6	75/63						19000	1.998	12200	92	2.78
		2.9	6.6	80/67						18800	2.090	11700	97	2.63
		2.9	6.6	85/71										
	10.0	5.2	11.8	65/55						20300	1.849	14000	85	3.21
		5.2	11.8	70/59						20100	1.923	13500	89	3.06
		5.2	11.8	75/63						19900	2.015	13000	93	2.89
		5.2	11.8	80/67						19700	2.108	12500	98	2.74
		5.2	11.8	85/71										
30	5.0	1.3	2.9	65/55						22100	1.881	15700	86	3.44
		1.3	2.9	70/59	26400	19500	1.151	30300	22.9	22000	1.955	15300	90	3.30
		1.3	2.9	75/63	28400	20200	1.171	32400	24.3	21800	2.047	14800	95	3.12
		1.3	2.9	80/67	30400	20800	1.191	34500	25.5	21600	2.140	14300	100	2.96
		1.3	2.9	85/71	32300	21500	1.212	36400	26.7					
	7.5	2.8	6.4	65/55	24600	19900	1.120	28400	22.0	23000	1.898	16500	87	3.55
		2.8	6.4	70/59	26500	19600	1.139	30400	23.3	22900	1.972	16200	91	3.40
		2.8	6.4	75/63	28500	20200	1.159	32500	24.6	22700	2.065	15700	96	3.22
		2.8	6.4	80/67	30500	20800	1.179	34500	25.9	22500	2.157	15100	101	3.05
		2.8	6.4	85/71	32400	21500	1.199	36500	27.0					
	10.0	5.0	11.4	65/55	24700	20000	1.108	28500	22.3	23900	1.916	17400	88	3.65
		5.0	11.4	70/59	26600	19600	1.127	30400	23.6	23800	1.990	17000	92	3.50
		5.0	11.4	75/63	28600	20200	1.147	32500	24.9	23600	2.082	16500	97	3.32
		5.0	11.4	80/67	30600	20900	1.167	34600	26.2	23300	2.175	15900	101	3.14
		5.0	11.4	85/71	32500	21500	1.187	36600	27.4					
40	5.0	1.2	2.8	65/55	26100	21000	1.276	30500	20.5	25800	1.948	19200	90	3.88
		1.2	2.8	70/59	28100	20600	1.295	32500	21.7	25600	2.022	18700	94	3.71
		1.2	2.8	75/63	30100	21300	1.316	34600	22.9	25400	2.114	18200	98	3.52
		1.2	2.8	80/67	32100	21900	1.336	36700	24.0	25200	2.207	17700	103	3.34
		1.2	2.8	85/71	34000	22600	1.356	38600	25.1					
	7.5	2.7	6.2	65/55	26300	21100	1.264	30600	20.8	26700	1.965	20000	91	3.98
		2.7	6.2	70/59	28200	20700	1.283	32600	22.0	26500	2.039	19500	94	3.81
		2.7	6.2	75/63	30200	21300	1.303	34600	23.2	26300	2.132	19000	99	3.61
		2.7	6.2	80/67	32200	22000	1.324	36700	24.3	26100	2.224	18500	104	3.44
		2.7	6.2	85/71	34100	22600	1.344	38700	25.4					
	10.0	4.9	11.1	65/55	26400	21100	1.252	30700	21.1	27600	1.983	20800	91	4.08
		4.9	11.1	70/59	28300	20700	1.271	32600	22.3	27400	2.057	20400	95	3.90
		4.9	11.1	75/63	30300	21400	1.291	34700	23.5	27200	2.149	19900	100	3.71
		4.9	11.1	80/67	32300	22000	1.311	36800	24.6	27000	2.242	19300	105	3.53
		4.9	11.1	85/71	34200	22700	1.332	38700	25.7					
50	5.0	1.2	2.7	65/55	26900	21600	1.421	31700	18.9	29400	2.015	22500	93	4.27
		1.2	2.7	70/59	28900	21200	1.440	33800	20.1	29300	2.089	22200	97	4.11
		1.2	2.7	75/63	30800	21900	1.460	35800	21.1	29000	2.181	21600	102	3.89
		1.2	2.7	80/67	32800	22500	1.480	37900	22.2	28800	2.274	21000	107	3.71
		1.2	2.7	85/71	34800	23200	1.500	39900	23.2					
	7.5	2.7	6.1	65/55	27000	21600	1.409	31800	19.2	30300	2.032	23400	94	4.37
		2.7	6.1	70/59	29000	21300	1.428	33900	20.3	30100	2.106	22900	98	4.18
		2.7	6.1	75/63	30900	21900	1.448	35800	21.3	29900	2.199	22400	103	3.98
		2.7	6.1	80/67	32900	22600	1.468	37900	22.4	29700	2.291	21900	107	3.80
		2.7	6.1	85/71	34900	23200	1.488	40000	23.5					
	10.0	4.7	10.8	65/55	27100	21700	1.397	31900	19.4	31200	2.050	24200	95	4.46
		4.7	10.8	70/59	29100	21300	1.416	33900	20.6	31000	2.124	23800	99	4.27
		4.7	10.8	75/63	31000	22000	1.436	35900	21.6	30800	2.216	23200	103	4.07
		4.7	10.8	80/67	33000	22600	1.456	38000	22.7	30600	2.309	22700	108	3.88
		4.7	10.8	85/71	35000	23300	1.476	40000	23.7					
60	5.0	1.2	2.6	65/55	26900	21800	1.572	32300	17.1	33100	2.082	26000	96	4.66
		1.2	2.6	70/59	28800	21400	1.591	34200	18.1	32900	2.156	25500	100	4.47
		1.2	2.6	75/63	30800	22000	1.611	36300	19.1	32700	2.248	25000	105	4.26
		1.2	2.6	80/67	32800	22700	1.631	38400	20.1	32500	2.341	24500	110	4.07
		1.2	2.6	85/71	34700	23300	1.651	40300	21.0					
	7.5	2.6	5.9	65/55	27000	21800	1.560	32300	17.3	34000	2.099	26800	97	4.74
		2.6	5.9	70/59	28900	21400	1.579	34300	18.3	33800	2.173	26400	101	4.55
		2.6	5.9	75/63	30900	22100	1.599	36400	19.3	33600	2.266	25900	106	4.34
		2.6	5.9	80/67	32900	22700	1.619	38400	20.3	33400	2.358	25400	111	4.15
		2.6	5.9	85/71	34800	23400	1.639	40400	21.2					
	10.0	4.6	10.5	65/55	27100	21800	1.548	32400	17.5	34900	2.117	27700	98	4.83
		4.6	10.5	70/59	29000	21500	1.567	34300	18.5	34700	2.191	27200	102	4.64
		4.6	10.5	75/63	31000	22100	1.587	36400	19.5	34500	2.283	26700	107	4.42
		4.6	10.5	80/67	33000	22800	1.607	38500	20.5	34300	2.376	26200	112	4.23
		4.6	10.5	85/71	34900	23400	1.627	40500	21.5					

Size 030 (1000 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	5.0	1.1	2.6	65/55	26200	21600	1.736	32100	15.1	36700	2.149	29400	100	5.00
		1.1	2.6	70/59	28100	21200	1.755	34100	16.0	36500	2.223	28900	104	4.81
		1.1	2.6	75/63	30100	21800	1.775	36200	17.0	36300	2.316	28400	108	4.59
		1.1	2.6	80/67	32100	22500	1.796	38200	17.9	36100	2.408	27900	113	4.39
		1.1	2.6	85/71	34100	23100	1.816	40300	18.8					
	7.5	2.5	5.8	65/55	26300	21600	1.724	32200	15.3	37600	2.167	30200	101	5.08
		2.5	5.8	70/59	28200	21200	1.743	34100	16.2	37400	2.241	29800	104	4.89
		2.5	5.8	75/63	30200	21900	1.763	36200	17.1	37200	2.333	29200	109	4.67
		2.5	5.8	80/67	32200	22500	1.783	38300	18.1	37000	2.426	28700	114	4.47
		2.5	5.8	85/71	34200	23200	1.804	40400	19.0					
	10.0	4.5	10.3	65/55	26400	21600	1.712	32200	15.4	38500	2.184	31000	101	5.16
		4.5	10.3	70/59	28400	21300	1.731	34300	16.4	38300	2.258	30600	105	4.97
		4.5	10.3	75/63	30300	21900	1.751	36300	17.3	38100	2.351	30100	110	4.75
		4.5	10.3	80/67	32300	22600	1.771	38300	18.2	37900	2.443	29600	115	4.54
		4.5	10.3	85/71	34300	23200	1.791	40400	19.2					
80	5.0	1.1	2.5	65/55	25100	21100	1.920	31700	13.1	40300	2.216	32700	103	5.33
		1.1	2.5	70/59	27000	20800	1.940	33600	13.9	40200	2.290	32400	107	5.14
		1.1	2.5	75/63	29000	21400	1.960	35700	14.8	40000	2.383	31900	112	4.91
		1.1	2.5	80/67	31000	22100	1.980	37800	15.7	39700	2.475	31300	117	4.70
		1.1	2.5	85/71	32900	22700	2.000	39700	16.5					
	7.5	2.5	5.7	65/55	25200	21200	1.908	31700	13.2	41200	2.234	33600	104	5.40
		2.5	5.7	70/59	27100	20800	1.927	33700	14.1	41100	2.308	33200	108	5.21
		2.5	5.7	75/63	29100	21500	1.948	35700	14.9	40900	2.400	32700	113	4.99
		2.5	5.7	80/67	31100	22100	1.968	37800	15.8	40600	2.493	32100	117	4.77
		2.5	5.7	85/71	33000	22800	1.988	39800	16.6					
	10.0	4.4	10.1	65/55	25300	21200	1.896	31800	13.3	42100	2.251	34400	105	5.48
		4.4	10.1	70/59	27200	20900	1.915	33700	14.2	42000	2.325	34100	109	5.29
		4.4	10.1	75/63	29200	21500	1.935	35800	15.1	41800	2.418	33500	113	5.06
		4.4	10.1	80/67	31200	22100	1.956	37900	16.0	41500	2.510	32900	118	4.84
		4.4	10.1	85/71	33100	22800	1.976	39800	16.8					
90	5.0	1.1	2.5	65/55	23600	20600	2.131	30900	11.1	44000	2.283	36200	107	5.64
		1.1	2.5	70/59	25600	20200	2.150	32900	11.9	43800	2.357	35800	110	5.44
		1.1	2.5	75/63	27600	20800	2.170	35000	12.7	43600	2.450	35200	115	5.21
		1.1	2.5	80/67	29500	21500	2.190	37000	13.5	43400	2.542	34700	120	5.00
		1.1	2.5	85/71	31500	22100	2.211	39000	14.2					
	7.5	2.5	5.6	65/55	23700	20600	2.119	30900	11.2	44900	2.301	37000	107	5.71
		2.5	5.6	70/59	25700	20200	2.138	33000	12.0	44700	2.375	36600	111	5.51
		2.5	5.6	75/63	27700	20900	2.158	35100	12.8	44500	2.467	36100	116	5.28
		2.5	5.6	80/67	29600	21500	2.178	37000	13.6	44300	2.560	35600	121	5.07
		2.5	5.6	85/71	31600	22200	2.198	39100	14.4					
	10.0	4.4	10.0	65/55	23800	20600	2.107	31000	11.3	45800	2.318	37900	108	5.79
		4.4	10.0	70/59	25800	20300	2.126	33100	12.1	45600	2.392	37400	112	5.58
		4.4	10.0	75/63	27800	20900	2.146	35100	13.0	45400	2.485	36900	117	5.35
		4.4	10.0	80/67	29700	21600	2.166	37100	13.7	45200	2.577	36400	122	5.14
		4.4	10.0	85/71	31700	22200	2.186	39200	14.5					
100	5.0	1.1	2.5	65/55	22100	19900	2.375	30200	9.3					
		1.1	2.5	70/59	24000	19600	2.394	32200	10.0					
		1.1	2.5	75/63	26000	20200	2.414	34200	10.8					
		1.1	2.5	80/67	28000	20900	2.434	36300	11.5					
		1.1	2.5	85/71	29900	21500	2.454	38300	12.2					
	7.5	2.4	5.5	65/55	22200	20000	2.363	30300	9.4					
		2.4	5.5	70/59	24100	19600	2.382	32200	10.1					
		2.4	5.5	75/63	26100	20300	2.402	34300	10.9					
		2.4	5.5	80/67	28100	20900	2.422	36400	11.6					
		2.4	5.5	85/71	30000	21600	2.442	38300	12.3					
	10.0	4.3	9.8	65/55	22300	20000	2.351	30300	9.5					
		4.3	9.8	70/59	24200	19700	2.370	32300	10.2					
		4.3	9.8	75/63	26200	20300	2.390	34400	11.0					
		4.3	9.8	80/67	28200	21000	2.410	36400	11.7					
		4.3	9.8	85/71	30100	21600	2.430	38400	12.4					
110	5.0	1.1	2.4	65/55	20500	19400	2.658	29600	7.7					
		1.1	2.4	70/59	22500	19000	2.678	31600	8.4					
		1.1	2.4	75/63	24400	19700	2.698	33600	9.0					
		1.1	2.4	80/67	26400	20300	2.718	35700	9.7					
		1.1	2.4	85/71	28400	21000	2.738	37700	10.4					
	7.5	2.4	5.5	65/55	20600	19400	2.646	29600	7.8					
		2.4	5.5	70/59	22600	19100	2.665	31700	8.5					
		2.4	5.5	75/63	24500	19700	2.686	33700	9.1					
		2.4	5.5	80/67	26500	20400	2.706	35700	9.8					
		2.4	5.5	85/71	28500	21000	2.726	37800	10.5					
	10.0	4.3	9.7	65/55	20700	19500	2.634	29700	7.9					
		4.3	9.7	70/59	22700	19100	2.653	31800	8.6					
		4.3	9.7	75/63	24600	19800	2.673	33700	9.2					
		4.3	9.7	80/67	26600	20400	2.694	35800	9.9					
		4.3	9.7	85/71	28600	21100	2.714	37900	10.5					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 036 (1200 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	6.0	1.9	4.3	65/55						22900	2.313	15000	83	2.90
		1.9	4.3	70/59						22700	2.418	14400	87	2.75
		1.9	4.3	75/63						22500	2.523	13900	92	2.61
		1.9	4.3	80/67						22400	2.628	13400	97	2.50
		1.9	4.3	85/71										
	9.0	4.2	9.6	65/55						24100	2.339	16100	83	3.02
		4.2	9.6	70/59						24000	2.443	15700	88	2.88
		4.2	9.6	75/63						23800	2.548	15100	93	2.74
		4.2	9.6	80/67						23600	2.653	14500	98	2.60
		4.2	9.6	85/71										
	12.0	7.5	17.2	65/55						25400	2.364	17300	84	3.15
		7.5	17.2	70/59						25200	2.469	16800	89	2.99
		7.5	17.2	75/63						25000	2.574	16200	94	2.84
		7.5	17.2	80/67						24900	2.678	15800	99	2.72
		7.5	17.2	85/71										
30	6.0	1.8	4.1	65/55						26700	2.363	18600	85	3.31
		1.8	4.1	70/59	31700	23300	1.309	36200	24.2	26500	2.468	18100	90	3.14
		1.8	4.1	75/63	34100	24100	1.333	38600	25.6	26300	2.573	17500	95	2.99
		1.8	4.1	80/67	36500	24900	1.357	41100	26.9	26200	2.678	17100	100	2.86
		1.8	4.1	85/71	38800	25600	1.381	43500	28.1					
	9.0	4.1	9.3	65/55	29500	22600	1.268	33800	23.3	27900	2.388	19700	86	3.42
		4.1	9.3	70/59	31900	23300	1.292	36300	24.7	27800	2.493	19300	91	3.27
		4.1	9.3	75/63	34200	24100	1.316	38700	26.0	27600	2.598	18700	96	3.11
		4.1	9.3	80/67	36600	24900	1.340	41200	27.3	27400	2.703	18200	101	2.97
		4.1	9.3	85/71	39000	25700	1.364	43700	28.6					
	12.0	7.3	16.6	65/55	29700	22600	1.250	34000	23.8	29200	2.414	21000	87	3.54
		7.3	16.6	70/59	32000	23400	1.274	36300	25.1	29000	2.518	20400	92	3.37
		7.3	16.6	75/63	34400	24200	1.298	38800	26.5	28800	2.623	19800	97	3.21
		7.3	16.6	80/67	36800	25000	1.323	41300	27.8	28700	2.728	19400	102	3.08
		7.3	16.6	85/71	39100	25800	1.347	43700	29.0					
40	6.0	1.8	4.0	65/55	31400	23900	1.456	36400	21.6	30500	2.413	22300	88	3.70
		1.8	4.0	70/59	33800	24600	1.480	38900	22.8	30300	2.518	21700	93	3.52
		1.8	4.0	75/63	36100	25400	1.504	41200	24.0	30100	2.623	21100	98	3.36
		1.8	4.0	80/67	38500	26200	1.528	43700	25.2	30000	2.728	20700	103	3.22
		1.8	4.0	85/71	40900	27000	1.552	46200	26.4					
	9.0	4.0	9.1	65/55	31500	23900	1.439	36400	21.9	31700	2.438	23400	89	3.81
		4.0	9.1	70/59	33900	24700	1.463	38900	23.2	31600	2.543	22900	94	3.64
		4.0	9.1	75/63	36300	25500	1.487	41400	24.4	31400	2.648	22400	99	3.47
		4.0	9.1	80/67	38600	26300	1.511	43800	25.5	31200	2.753	21800	104	3.32
		4.0	9.1	85/71	41000	27100	1.535	46200	26.7					
	12.0	7.1	16.1	65/55	31700	24000	1.421	36500	22.3	33000	2.463	24600	90	3.92
		7.1	16.1	70/59	34100	24800	1.445	39000	23.6	32800	2.568	24000	95	3.74
		7.1	16.1	75/63	36400	25500	1.469	41400	24.8	32600	2.673	23500	100	3.57
		7.1	16.1	80/67	38800	26300	1.493	43900	26.0	32500	2.778	23000	105	3.43
		7.1	16.1	85/71	41200	27100	1.518	46400	27.1					
50	6.0	1.7	3.9	65/55	32300	24600	1.627	37900	19.9	34300	2.463	25900	91	4.08
		1.7	3.9	70/59	34600	25400	1.651	40200	21.0	34100	2.568	25300	96	3.89
		1.7	3.9	75/63	37000	26100	1.675	42700	22.1	33900	2.673	24800	101	3.71
		1.7	3.9	80/67	39400	26900	1.699	45200	23.2	33800	2.778	24300	106	3.56
		1.7	3.9	85/71	41700	27700	1.723	47600	24.2					
	9.0	3.9	8.8	65/55	32400	24600	1.610	37900	20.1	35500	2.488	27000	92	4.18
		3.9	8.8	70/59	34800	25400	1.634	40400	21.3	35400	2.593	26600	97	4.00
		3.9	8.8	75/63	37200	26200	1.658	42900	22.4	35200	2.698	26000	102	3.82
		3.9	8.8	80/67	39500	27000	1.682	45200	23.5	35000	2.803	25400	107	3.66
		3.9	8.8	85/71	41900	27800	1.706	47700	24.6					
	12.0	6.9	15.7	65/55	32600	24700	1.592	38000	20.5	36800	2.513	28200	93	4.29
		6.9	15.7	70/59	34900	25500	1.616	40400	21.6	36600	2.618	27700	98	4.09
		6.9	15.7	75/63	37300	26300	1.640	42900	22.7	36400	2.723	27100	103	3.91
		6.9	15.7	80/67	39700	27000	1.664	45400	23.9	36300	2.828	26600	108	3.76
		6.9	15.7	85/71	42000	27800	1.689	47800	24.9					
60	6.0	1.7	3.8	65/55	32200	24700	1.806	38400	17.8	38100	2.513	29500	94	4.44
		1.7	3.8	70/59	34600	25500	1.830	40800	18.9	37900	2.618	29000	99	4.24
		1.7	3.8	75/63	37000	26300	1.854	43300	20.0	37700	2.723	28400	104	4.05
		1.7	3.8	80/67	39300	27100	1.878	45700	20.9	37600	2.828	27900	109	3.89
		1.7	3.8	85/71	41700	27900	1.902	48200	21.9					
	9.0	3.8	8.6	65/55	32400	24800	1.788	38500	18.1	39300	2.538	30600	95	4.53
		3.8	8.6	70/59	34700	25600	1.812	40900	19.2	39200	2.643	30200	100	4.34
		3.8	8.6	75/63	37100	26400	1.836	43400	20.2	39000	2.748	29600	105	4.16
		3.8	8.6	80/67	39500	27200	1.861	45900	21.2	38800	2.853	29100	110	3.98
		3.8	8.6	85/71	41800	28000	1.885	48200	22.2					
	12.0	6.7	15.3	65/55	32500	24900	1.771	38500	18.4	40600	2.563	31900	96	4.64
		6.7	15.3	70/59	34900	25600	1.795	41000	19.4	40400	2.668	31300	101	4.43
		6.7	15.3	75/63	37300	26400	1.819	43500	20.5	40200	2.773	30700	106	4.24
		6.7	15.3	80/67	39600	27200	1.843	45900	21.5	40100	2.878	30300	111	4.08
		6.7	15.3	85/71	42000	28000	1.867	48400	22.5					

Tint = Operation Not Recommended

Refer to "Capacity Table Legend:" on page 94

Size 036 (1200 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	6.0	1.6	3.7	65/55	31400	24500	2.000	38200	15.7	41900	2.563	33200	97	4.79
		1.6	3.7	70/59	33800	25300	2.024	40700	16.7	41700	2.668	32600	102	4.58
		1.6	3.7	75/63	36200	26100	2.048	43200	17.7	41500	2.773	32000	107	4.38
		1.6	3.7	80/67	38500	26900	2.072	45600	18.6	41400	2.878	31600	112	4.21
		1.6	3.7	85/71	40900	27700	2.096	48100	19.5					
	9.0	3.7	8.4	65/55	31600	24600	1.983	38400	15.9	43100	2.588	34300	98	4.88
		3.7	8.4	70/59	33900	25400	2.007	40700	16.9	43000	2.693	33800	103	4.68
		3.7	8.4	75/63	36300	26100	2.031	43200	17.9	42800	2.798	33300	108	4.48
		3.7	8.4	80/67	38700	26900	2.055	45700	18.8	42600	2.903	32700	113	4.30
		3.7	8.4	85/71	41000	27700	2.079	48100	19.7					
	12.0	6.6	15.0	65/55	31700	24600	1.965	38400	16.1	44400	2.613	35500	99	4.98
		6.6	15.0	70/59	34100	25400	1.989	40900	17.1	44200	2.718	34900	104	4.76
		6.6	15.0	75/63	36500	26200	2.013	43400	18.1	44000	2.823	34400	109	4.56
		6.6	15.0	80/67	38800	27000	2.038	45800	19.0	43900	2.928	33900	114	4.39
		6.6	15.0	85/71	41200	27800	2.062	48200	20.0					
80	6.0	1.6	3.7	65/55	30100	24000	2.218	37700	13.6	45700	2.613	36800	100	5.12
		1.6	3.7	70/59	32400	24800	2.242	40100	14.5	45500	2.718	36200	105	4.90
		1.6	3.7	75/63	34800	25600	2.266	42500	15.4	45300	2.823	35700	110	4.70
		1.6	3.7	80/67	37200	26300	2.290	45000	16.2	45200	2.928	35200	115	4.52
		1.6	3.7	85/71	39500	27100	2.314	47400	17.1					
	9.0	3.6	8.3	65/55	30200	24000	2.200	37700	13.7	46900	2.638	37900	101	5.21
		3.6	8.3	70/59	32600	24800	2.224	40200	14.7	46800	2.743	37400	106	5.00
		3.6	8.3	75/63	35000	25600	2.249	42700	15.6	46600	2.848	36900	111	4.79
		3.6	8.3	80/67	37300	26400	2.273	45100	16.4	46400	2.953	36300	116	4.60
		3.6	8.3	85/71	39700	27200	2.297	47500	17.3					
	12.0	6.5	14.7	65/55	30400	24100	2.183	37900	13.9	48200	2.663	39100	102	5.30
		6.5	14.7	70/59	32700	24900	2.207	40200	14.8	48000	2.768	38600	107	5.08
		6.5	14.7	75/63	35100	25700	2.231	42700	15.7	47800	2.873	38000	112	4.87
		6.5	14.7	80/67	37500	26500	2.255	45200	16.6	47700	2.978	37500	117	4.69
		6.5	14.7	85/71	39800	27200	2.279	47600	17.5					
90	6.0	1.6	3.6	65/55	28400	23300	2.467	36800	11.5	49500	2.663	40400	103	5.44
		1.6	3.6	70/59	30700	24100	2.491	39200	12.3	49300	2.768	39900	108	5.22
		1.6	3.6	75/63	33100	24800	2.515	41700	13.2	49100	2.873	39300	113	5.00
		1.6	3.6	80/67	35500	25600	2.539	44200	14.0	49000	2.978	38800	118	4.82
		1.6	3.6	85/71	37800	26400	2.563	46500	14.7					
	9.0	3.6	8.1	65/55	28500	23300	2.449	36900	11.6	50700	2.688	41500	104	5.52
		3.6	8.1	70/59	30900	24100	2.473	39300	12.5	50600	2.793	41100	109	5.30
		3.6	8.1	75/63	33200	24900	2.497	41700	13.3	50400	2.898	40500	114	5.09
		3.6	8.1	80/67	35600	25700	2.521	44200	14.1	50200	3.003	40000	119	4.89
		3.6	8.1	85/71	38000	26500	2.546	46700	14.9					
	12.0	6.3	14.5	65/55	28700	23400	2.432	37000	11.8	52000	2.713	42700	105	5.61
		6.3	14.5	70/59	31000	24200	2.456	39400	12.6	51800	2.818	42200	110	5.38
		6.3	14.5	75/63	33400	25000	2.480	41900	13.5	51600	2.923	41600	115	5.17
		6.3	14.5	80/67	35800	25800	2.504	44300	14.3	51500	3.028	41200	120	4.98
		6.3	14.5	85/71	38100	26500	2.528	46700	15.1					
100	6.0	1.6	3.6	65/55	26500	22500	2.754	35900	9.6					
		1.6	3.6	70/59	28800	23300	2.779	38300	10.4					
		1.6	3.6	75/63	31200	24100	2.803	40800	11.1					
		1.6	3.6	80/67	33600	24900	2.827	43200	11.9					
		1.6	3.6	85/71	35900	25700	2.851	45600	12.6					
	9.0	3.5	8.0	65/55	26600	22600	2.737	35900	9.7					
		3.5	8.0	70/59	29000	23400	2.761	38400	10.5					
		3.5	8.0	75/63	31300	24200	2.785	40800	11.2					
		3.5	8.0	80/67	33700	24900	2.809	43300	12.0					
		3.5	8.0	85/71	36100	25700	2.833	45800	12.7					
	12.0	6.3	14.3	65/55	26800	22600	2.720	36100	9.9					
		6.3	14.3	70/59	29100	23400	2.744	38500	10.6					
		6.3	14.3	75/63	31500	24200	2.768	40900	11.4					
		6.3	14.3	80/67	33900	25000	2.792	43400	12.1					
		6.3	14.3	85/71	36200	25800	2.816	45800	12.9					
110	6.0	1.5	3.5	65/55	24600	21800	3.089	35100	8.0					
		1.5	3.5	70/59	27000	22600	3.113	37600	8.7					
		1.5	3.5	75/63	29300	23400	3.137	40000	9.3					
		1.5	3.5	80/67	31700	24200	3.161	42500	10.0					
		1.5	3.5	85/71	34100	25000	3.186	45000	10.7					
	9.0	3.5	7.9	65/55	24700	21900	3.072	35200	8.0					
		3.5	7.9	70/59	27100	22700	3.096	37700	8.8					
		3.5	7.9	75/63	29500	23500	3.120	40100	9.5					
		3.5	7.9	80/67	31800	24300	3.144	42500	10.1					
		3.5	7.9	85/71	34200	25000	3.168	45000	10.8					
	12.0	6.2	14.1	65/55	24900	22000	3.054	35300	8.2					
		6.2	14.1	70/59	27300	22700	3.078	37800	8.9					
		6.2	14.1	75/63	29600	23500	3.102	40200	9.5					
		6.2	14.1	80/67	32000	24300	3.127	42700	10.2					
		6.2	14.1	85/71	34400	25100	3.151	45200	10.9					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 042 (1400 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	7.0	1.2	2.8	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					26700	2.534	18100	84	3.09
		1.2	2.8	70/59						26500	2.643	17500	87	2.94
		1.2	2.8	75/63						26300	2.778	16800	92	2.77
		1.2	2.8	80/67						26100	2.913	16200	97	2.62
		1.2	2.8	85/71										
	10.5	2.7	6.1	65/55						28400	2.569	19600	85	3.24
		2.7	6.1	70/59						28200	2.678	19100	89	3.08
		2.7	6.1	75/63						28000	2.813	18400	93	2.91
		2.7	6.1	80/67						27800	2.949	17700	98	2.76
		2.7	6.1	85/71										
	14.0	4.7	10.7	65/55						30100	2.605	21200	86	3.38
		4.7	10.7	70/59						29900	2.713	20600	90	3.23
		4.7	10.7	75/63						29700	2.849	20000	95	3.05
		4.7	10.7	80/67						29500	2.984	19300	99	2.89
		4.7	10.7	85/71										
30	7.0	1.2	2.7	65/55						31200	2.616	22300	87	3.49
		1.2	2.7	70/59	37300	27000	1.448	42200	25.8	31000	2.725	21700	90	3.33
		1.2	2.7	75/63	39600	27900	1.477	44600	26.8	30800	2.860	21000	95	3.15
		1.2	2.7	80/67	41800	28800	1.506	46900	27.8	30700	2.995	20500	100	3.00
		1.2	2.7	85/71	44100	29700	1.535	49300	28.7					
	10.5	2.6	6.0	65/55	35300	27600	1.396	40100	25.3	32900	2.651	23900	88	3.63
		2.6	6.0	70/59	37500	27100	1.424	42400	26.3	32700	2.760	23300	92	3.47
		2.6	6.0	75/63	39800	28000	1.453	44800	27.4	32500	2.895	22600	96	3.29
		2.6	6.0	80/67	42000	28900	1.482	47100	28.3	32400	3.031	22100	101	3.13
		2.6	6.0	85/71	44300	29800	1.510	49500	29.3					
	14.0	4.5	10.3	65/55	35500	27700	1.372	40200	25.9	34600	2.687	25400	89	3.77
		4.5	10.3	70/59	37700	27200	1.399	42500	26.9	34400	2.795	24900	93	3.60
		4.5	10.3	75/63	40000	28100	1.428	44900	28.0	34300	2.931	24300	98	3.43
		4.5	10.3	80/67	42200	29000	1.457	47200	29.0	34100	3.066	23600	102	3.26
		4.5	10.3	85/71	44500	29800	1.486	49600	29.9					
40	7.0	1.2	2.7	65/55	37400	29100	1.637	43000	22.8	35700	2.698	26500	89	3.87
		1.2	2.7	70/59	39600	28600	1.665	45300	23.8	35600	2.807	26000	93	3.71
		1.2	2.7	75/63	41900	29500	1.694	47700	24.7	35400	2.942	25400	98	3.52
		1.2	2.7	80/67	44100	30400	1.722	50000	25.6	35200	3.077	24700	103	3.35
		1.2	2.7	85/71	46400	31200	1.751	52400	26.5					
	10.5	2.5	5.8	65/55	37600	29200	1.613	43100	23.3	37400	2.733	28100	91	4.01
		2.5	5.8	70/59	39800	28700	1.640	45400	24.3	37300	2.842	27600	95	3.84
		2.5	5.8	75/63	42100	29600	1.669	47800	25.2	37100	2.977	26900	99	3.65
		2.5	5.8	80/67	44300	30400	1.698	50100	26.1	36900	3.113	26300	104	3.47
		2.5	5.8	85/71	46600	31300	1.727	52500	27.0					
	14.0	4.4	10.0	65/55	37800	29200	1.588	43200	23.8	39100	2.769	29600	92	4.13
		4.4	10.0	70/59	40000	28800	1.616	45500	24.8	39000	2.877	29200	96	3.97
		4.4	10.0	75/63	42300	29600	1.645	47900	25.7	38800	3.013	28500	101	3.77
		4.4	10.0	80/67	44500	30500	1.673	50200	26.6	38600	3.148	27900	105	3.59
		4.4	10.0	85/71	46800	31400	1.702	52600	27.5					
50	7.0	1.1	2.6	65/55	38400	29900	1.854	44700	20.7	40200	2.780	30700	92	4.23
		1.1	2.6	70/59	40600	29400	1.881	47000	21.6	40100	2.889	30200	96	4.06
		1.1	2.6	75/63	42900	30300	1.910	49400	22.5	39900	3.024	29600	101	3.86
		1.1	2.6	80/67	45200	31200	1.939	51800	23.3	39700	3.159	28900	106	3.68
		1.1	2.6	85/71	47400	32000	1.968	54100	24.1					
	10.5	2.5	5.6	65/55	38600	30000	1.829	44800	21.1	41900	2.815	32300	94	4.36
		2.5	5.6	70/59	40800	29500	1.857	47100	22.0	41800	2.924	31800	97	4.19
		2.5	5.6	75/63	43100	30400	1.886	49500	22.9	41600	3.059	31200	102	3.98
		2.5	5.6	80/67	45300	31200	1.914	51800	23.7	41400	3.195	30500	107	3.79
		2.5	5.6	85/71	47600	32100	1.943	54200	24.5					
	14.0	4.3	9.8	65/55	38800	30100	1.805	45000	21.5	43600	2.851	33900	95	4.48
		4.3	9.8	70/59	41000	29600	1.832	47300	22.4	43500	2.959	33400	99	4.30
		4.3	9.8	75/63	43300	30400	1.861	49700	23.3	43300	3.095	32700	103	4.10
		4.3	9.8	80/67	45500	31300	1.890	52000	24.1	43100	3.230	32100	108	3.91
		4.3	9.8	85/71	47800	32200	1.919	54300	24.9					
60	7.0	1.1	2.5	65/55	38400	30100	2.080	45500	18.5	44800	2.862	35000	95	4.58
		1.1	2.5	70/59	40600	29600	2.108	47800	19.3	44600	2.971	34500	99	4.40
		1.1	2.5	75/63	42800	30500	2.136	50100	20.0	44400	3.106	33800	104	4.19
		1.1	2.5	80/67	45100	31400	2.165	52500	20.8	44200	3.241	33100	109	3.99
		1.1	2.5	85/71	47400	32300	2.194	54900	21.6					
	10.5	2.4	5.5	65/55	38500	30200	2.056	45500	18.7	46500	2.897	36600	97	4.70
		2.4	5.5	70/59	40800	29700	2.083	47900	19.6	46300	3.006	36000	100	4.51
		2.4	5.5	75/63	43000	30600	2.112	50200	20.4	46100	3.141	35400	105	4.30
		2.4	5.5	80/67	45300	31500	2.141	52600	21.2	45900	3.277	34700	110	4.10
		2.4	5.5	85/71	47600	32300	2.170	55000	21.9					
	14.0	4.2	9.5	65/55	38700	30300	2.031	45600	19.1	48200	2.933	38200	98	4.81
		4.2	9.5	70/59	41000	29800	2.059	48000	19.9	48000	3.041	37600	102	4.62
		4.2	9.5	75/63	43200	30700	2.087	50300	20.7	47800	3.177	37000	106	4.41
		4.2	9.5	80/67	45500	31500	2.116	52700	21.5	47600	3.312	36300	111	4.21
		4.2	9.5	85/71	47800	32400	2.145	55100	22.3					

Size 042 (1400 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	7.0	1.1	2.5	65/55	37500	29900	2.327	45400	16.1	49300	2.944	39300	98	4.90
		1.1	2.5	70/59	39700	29400	2.354	47700	16.9	49100	3.053	38700	102	4.71
		1.1	2.5	75/63	41900	30200	2.383	50000	17.6	49000	3.188	38100	107	4.50
		1.1	2.5	80/67	44200	31100	2.412	52400	18.3	48800	3.323	37500	112	4.30
		1.1	2.5	85/71	46500	32000	2.440	54800	19.1					
	10.5	2.4	5.4	65/55	37600	29900	2.302	45500	16.3	51000	2.979	40800	100	5.01
		2.4	5.4	70/59	39900	29400	2.329	47800	17.1	50800	3.088	40300	103	4.82
		2.4	5.4	75/63	42100	30300	2.358	50100	17.9	50700	3.223	39700	108	4.61
		2.4	5.4	80/67	44400	31200	2.387	52500	18.6	50500	3.359	39000	113	4.40
		2.4	5.4	85/71	46700	32100	2.416	54900	19.3					
	14.0	4.1	9.3	65/55	37800	30000	2.278	45600	16.6	52700	3.015	42400	101	5.12
		4.1	9.3	70/59	40100	29500	2.305	48000	17.4	52500	3.123	41800	105	4.92
		4.1	9.3	75/63	42300	30400	2.334	50300	18.1	52400	3.259	41300	109	4.71
		4.1	9.3	80/67	44600	31300	2.363	52700	18.9	52200	3.394	40600	114	4.50
		4.1	9.3	85/71	46800	32200	2.391	55000	19.6					
80	7.0	1.1	2.4	65/55	35900	29300	2.603	44800	13.8	53800	3.026	43500	101	5.21
		1.1	2.4	70/59	38200	28800	2.630	47200	14.5	53700	3.135	43000	105	5.02
		1.1	2.4	75/63	40400	29700	2.659	49500	15.2	53500	3.270	42300	110	4.79
		1.1	2.4	80/67	42700	30500	2.688	51900	15.9	53300	3.405	41700	115	4.58
		1.1	2.4	85/71	44900	31400	2.716	54200	16.5					
	10.5	2.3	5.3	65/55	36100	29300	2.578	44900	14.0	55500	3.061	45100	103	5.31
		2.3	5.3	70/59	38400	28900	2.605	47300	14.7	55400	3.170	44600	106	5.12
		2.3	5.3	75/63	40600	29700	2.634	49600	15.4	55200	3.305	43900	111	4.89
		2.3	5.3	80/67	42900	30600	2.663	52000	16.1	55000	3.441	43300	116	4.68
		2.3	5.3	85/71	45100	31500	2.692	54300	16.8					
	14.0	4.0	9.2	65/55	36300	29400	2.554	45000	14.2	57200	3.097	46600	104	5.41
		4.0	9.2	70/59	38600	28900	2.581	47400	15.0	57100	3.205	46200	108	5.22
		4.0	9.2	75/63	40800	29800	2.610	49700	15.6	56900	3.341	45500	112	4.99
		4.0	9.2	80/67	43100	30700	2.639	52100	16.3	56700	3.476	44800	117	4.78
		4.0	9.2	85/71	45300	31600	2.667	54400	17.0					
90	7.0	1.0	2.4	65/55	34000	28500	2.918	44000	11.7	58300	3.108	47700	104	5.49
		1.0	2.4	70/59	36200	28000	2.946	46300	12.3	58200	3.216	47200	108	5.30
		1.0	2.4	75/63	38500	28900	2.974	48700	12.9	58000	3.352	46600	113	5.07
		1.0	2.4	80/67	40700	29700	3.003	50900	13.6	57800	3.487	45900	118	4.85
		1.0	2.4	85/71	43000	30600	3.032	53300	14.2					
	10.5	2.3	5.2	65/55	34200	28600	2.894	44100	11.8	60000	3.143	49300	105	5.59
		2.3	5.2	70/59	36400	28100	2.921	46400	12.5	59900	3.252	48800	109	5.39
		2.3	5.2	75/63	38700	28900	2.950	48800	13.1	59700	3.387	48100	114	5.16
		2.3	5.2	80/67	40900	29800	2.979	51100	13.7	59500	3.523	47500	119	4.95
		2.3	5.2	85/71	43200	30700	3.008	53500	14.4					
	14.0	4.0	9.0	65/55	34400	28600	2.869	44200	12.0	61800	3.179	51000	107	5.69
		4.0	9.0	70/59	36600	28100	2.897	46500	12.6	61600	3.287	50400	111	5.49
		4.0	9.0	75/63	38900	29000	2.925	48900	13.3	61400	3.423	49700	115	5.25
		4.0	9.0	80/67	41100	29900	2.954	51200	13.9	61200	3.558	49100	120	5.04
		4.0	9.0	85/71	43400	30800	2.983	53600	14.5					
100	7.0	1.0	2.4	65/55	31800	27600	3.283	43000	9.7					
		1.0	2.4	70/59	34100	27100	3.311	45400	10.3					
		1.0	2.4	75/63	36300	28000	3.340	47700	10.9					
		1.0	2.4	80/67	38600	28900	3.368	50100	11.5					
		1.0	2.4	85/71	40800	29800	3.397	52400	12.0					
	10.5	2.2	5.1	65/55	32000	27700	3.259	43100	9.8					
		2.2	5.1	70/59	34300	27200	3.286	45500	10.4					
		2.2	5.1	75/63	36500	28100	3.315	47800	11.0					
		2.2	5.1	80/67	38800	29000	3.344	50200	11.6					
		2.2	5.1	85/71	41000	29900	3.373	52500	12.2					
	14.0	3.9	8.9	65/55	32200	27800	3.234	43200	10.0					
		3.9	8.9	70/59	34500	27300	3.262	45600	10.6					
		3.9	8.9	75/63	36700	28200	3.291	47900	11.2					
		3.9	8.9	80/67	39000	29100	3.319	50300	11.8					
		3.9	8.9	85/71	41200	29900	3.348	52600	12.3					
110	7.0	1.0	2.3	65/55	29700	26900	3.708	42400	8.0					
		1.0	2.3	70/59	32000	26400	3.735	44700	8.6					
		1.0	2.3	75/63	34200	27300	3.764	47000	9.1					
		1.0	2.3	80/67	36500	28100	3.793	49400	9.6					
		1.0	2.3	85/71	38700	29000	3.822	51700	10.1					
	10.5	2.2	5.1	65/55	29900	26900	3.684	42500	8.1					
		2.2	5.1	70/59	32200	26500	3.711	44900	8.7					
		2.2	5.1	75/63	34400	27300	3.740	47200	9.2					
		2.2	5.1	80/67	36700	28200	3.769	49600	9.7					
		2.2	5.1	85/71	38900	29100	3.797	51900	10.2					
	14.0	3.9	8.8	65/55	30100	27000	3.659	42600	8.2					
		3.9	8.8	70/59	32400	26500	3.686	45000	8.8					
		3.9	8.8	75/63	34600	27400	3.715	47300	9.3					
		3.9	8.8	80/67	36900	28300	3.744	49700	9.9					
		3.9	8.8	85/71	39100	29200	3.773	52000	10.4					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 048 (1600 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	8.0	3.5	8.0	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					31300	3.017	21000	84	3.04
		3.5	8.0	70/59						31100	3.143	20400	88	2.90
		3.5	8.0	75/63						30700	3.301	19400	93	2.72
		3.5	8.0	80/67						30400	3.458	18600	97	2.57
		3.5	8.0	85/71										
	12.0	7.9	17.9	65/55						33600	3.061	23200	85	3.21
		7.9	17.9	70/59						33300	3.187	22400	89	3.06
		7.9	17.9	75/63						33000	3.345	21600	94	2.89
		7.9	17.9	80/67						32600	3.502	20600	99	2.73
		7.9	17.9	85/71										
	16.0	13.9	31.7	65/55						35900	3.105	25300	87	3.39
		13.9	31.7	70/59						35600	3.231	24600	90	3.23
		13.9	31.7	75/63						35300	3.389	23700	95	3.05
		13.9	31.7	80/67						34900	3.546	22800	100	2.88
		13.9	31.7	85/71										
30	8.0	3.4	7.8	65/55						36900	3.113	26300	87	3.47
		3.4	7.8	70/59	42600	31700	1.858	48900	22.9	36600	3.239	25500	91	3.31
		3.4	7.8	75/63	45400	32500	1.891	51900	24.0	36200	3.397	24600	96	3.12
		3.4	7.8	80/67	48300	33300	1.924	54900	25.1	35900	3.554	23800	101	2.96
		3.4	7.8	85/71	51200	34100	1.956	57900	26.2					
	12.0	7.6	17.4	65/55	40000	32700	1.796	46100	22.3	39200	3.157	28400	89	3.64
		7.6	17.4	70/59	42800	31800	1.827	49000	23.4	38900	3.283	27700	92	3.47
		7.6	17.4	75/63	45700	32600	1.860	52000	24.6	38500	3.441	26800	97	3.28
		7.6	17.4	80/67	48600	33400	1.893	55100	25.7	38200	3.598	25900	102	3.11
		7.6	17.4	85/71	51400	34200	1.925	58000	26.7					
	16.0	13.5	30.7	65/55	40300	32800	1.765	46300	22.8	41400	3.201	30500	90	3.79
		13.5	30.7	70/59	43100	31900	1.796	49200	24.0	41200	3.327	29800	94	3.63
		13.5	30.7	75/63	46000	32700	1.829	52200	25.2	40800	3.485	28900	98	3.43
		13.5	30.7	80/67	48800	33500	1.862	55200	26.2	40500	3.642	28100	103	3.26
		13.5	30.7	85/71	51700	34300	1.894	58200	27.3					
40	8.0	3.3	7.5	65/55	42400	34400	2.070	49500	20.5	42400	3.209	31400	90	3.87
		3.3	7.5	70/59	45300	33500	2.101	52500	21.6	42100	3.335	30700	94	3.70
		3.3	7.5	75/63	48100	34300	2.134	55400	22.5	41800	3.493	29900	99	3.50
		3.3	7.5	80/67	51000	35100	2.167	58400	23.5	41400	3.650	28900	104	3.32
		3.3	7.5	85/71	53800	35900	2.199	61300	24.5					
	12.0	7.4	16.9	65/55	42700	34500	2.039	49700	20.9	44700	3.253	33600	92	4.02
		7.4	16.9	70/59	45500	33600	2.070	52600	22.0	44400	3.379	32900	96	3.85
		7.4	16.9	75/63	48400	34400	2.103	55600	23.0	44100	3.537	32000	100	3.65
		7.4	16.9	80/67	51300	35200	2.136	58600	24.0	43700	3.694	31100	105	3.46
		7.4	16.9	85/71	54100	36000	2.168	61500	25.0					
	16.0	13.1	29.9	65/55	43000	34600	2.008	49900	21.4	47000	3.297	35700	93	4.17
		13.1	29.9	70/59	45800	33700	2.039	52800	22.5	46700	3.423	35000	97	3.99
		13.1	29.9	75/63	48700	34500	2.072	55800	23.5	46300	3.581	34100	102	3.79
		13.1	29.9	80/67	51500	35300	2.105	58700	24.5	46000	3.738	33200	106	3.60
		13.1	29.9	85/71	54400	36100	2.137	61700	25.5					
50	8.0	3.2	7.3	65/55	43600	35300	2.312	51500	18.9	47900	3.305	36600	94	4.24
		3.2	7.3	70/59	46400	34400	2.343	54400	19.8	47600	3.431	35900	97	4.06
		3.2	7.3	75/63	49300	35200	2.375	57400	20.8	47300	3.589	35100	102	3.86
		3.2	7.3	80/67	52200	36000	2.408	60400	21.7	46900	3.746	34100	107	3.67
		3.2	7.3	85/71	55000	36800	2.441	63300	22.5					
	12.0	7.2	16.4	65/55	43900	35400	2.280	51700	19.3	50200	3.349	38800	95	4.39
		7.2	16.4	70/59	46700	34500	2.312	54600	20.2	49900	3.475	38000	99	4.20
		7.2	16.4	75/63	49600	35300	2.344	57600	21.2	49600	3.633	37200	104	4.00
		7.2	16.4	80/67	52400	36100	2.377	60500	22.0	49200	3.790	36300	108	3.80
		7.2	16.4	85/71	55300	36900	2.410	63500	22.9					
	16.0	12.7	29.1	65/55	44100	35500	2.249	51800	19.6	52500	3.393	40900	96	4.53
		12.7	29.1	70/59	47000	34600	2.280	54800	20.6	52200	3.519	40200	100	4.34
		12.7	29.1	75/63	49800	35400	2.313	57700	21.5	51900	3.677	39400	105	4.13
		12.7	29.1	80/67	52700	36200	2.346	60700	22.5	51500	3.834	38400	110	3.93
		12.7	29.1	85/71	55600	37000	2.379	63700	23.4					
60	8.0	3.1	7.2	65/55	43500	35500	2.562	52200	17.0	53400	3.401	41800	97	4.60
		3.1	7.2	70/59	46400	34600	2.593	55200	17.9	53200	3.527	41200	101	4.42
		3.1	7.2	75/63	49200	35500	2.626	58200	18.7	52800	3.684	40200	105	4.20
		3.1	7.2	80/67	52100	36300	2.658	61200	19.6	52500	3.842	39400	110	4.00
		3.1	7.2	85/71	55000	37100	2.691	64200	20.4					
	12.0	7.0	16.0	65/55	43800	35600	2.531	52400	17.3	55700	3.445	43900	98	4.73
		7.0	16.0	70/59	46700	34800	2.562	55400	18.2	55500	3.571	43300	102	4.55
		7.0	16.0	75/63	49500	35600	2.595	58400	19.1	55100	3.728	42400	107	4.33
		7.0	16.0	80/67	52400	36400	2.627	61400	19.9	54800	3.886	41500	112	4.13
		7.0	16.0	85/71	55200	37200	2.660	64300	20.8					
	16.0	12.4	28.4	65/55	44100	35800	2.500	52600	17.6	58000	3.489	46100	99	4.87
		12.4	28.4	70/59	46900	34900	2.531	55500	18.5	57700	3.615	45400	103	4.67
		12.4	28.4	75/63	49800	35700	2.564	58600	19.4	57400	3.772	44500	108	4.46
		12.4	28.4	80/67	52600	36500	2.596	61500	20.3	57000	3.930	43600	113	4.25
		12.4	28.4	85/71	55500	37300	2.629	64500	21.1					

Size 048 (1600 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	8.0	3.1	7.0	65/55	42500	35200	2.833	52200	15.0	59000	3.497	47100	100	4.94
		3.1	7.0	70/59	45300	34300	2.864	55100	15.8	58700	3.623	46300	104	4.74
		3.1	7.0	75/63	48200	35100	2.896	58100	16.6	58300	3.780	45400	109	4.52
		3.1	7.0	80/67	51100	35900	2.929	61100	17.4	58000	3.938	44600	113	4.31
		3.1	7.0	85/71	53900	36700	2.962	64000	18.2					
	12.0	6.9	15.7	65/55	42800	35300	2.802	52400	15.3	61300	3.541	49200	101	5.07
		6.9	15.7	70/59	45600	34400	2.833	55300	16.1	61000	3.667	48500	105	4.87
		6.9	15.7	75/63	48500	35200	2.865	58300	16.9	60600	3.824	47500	110	4.64
		6.9	15.7	80/67	51300	36000	2.898	61200	17.7	60300	3.982	46700	115	4.43
		6.9	15.7	85/71	54200	36800	2.931	64200	18.5					
	16.0	12.2	27.8	65/55	43000	35400	2.771	52500	15.5	63600	3.585	51400	103	5.19
		12.2	27.8	70/59	45900	34500	2.802	55500	16.4	63300	3.711	50600	106	4.99
		12.2	27.8	75/63	48700	35300	2.834	58400	17.2	62900	3.868	49700	111	4.76
		12.2	27.8	80/67	51600	36100	2.867	61400	18.0	62600	4.026	48900	116	4.55
		12.2	27.8	85/71	54400	37000	2.900	64300	18.8					
80	8.0	3.0	6.9	65/55	40700	34500	3.134	51400	13.0	64500	3.593	52200	103	5.26
		3.0	6.9	70/59	43500	33600	3.165	54300	13.7	64200	3.719	51500	107	5.05
		3.0	6.9	75/63	46400	34400	3.198	57300	14.5	63900	3.876	50700	112	4.83
		3.0	6.9	80/67	49300	35200	3.230	60300	15.3	63500	4.034	49700	117	4.61
		3.0	6.9	85/71	52100	36000	3.263	63200	16.0					
	12.0	6.7	15.4	65/55	41000	34600	3.103	51600	13.2	66800	3.637	54400	104	5.38
		6.7	15.4	70/59	43800	33700	3.134	54500	14.0	66500	3.763	53700	108	5.17
		6.7	15.4	75/63	46700	34500	3.167	57500	14.7	66200	3.920	52800	113	4.94
		6.7	15.4	80/67	49500	35300	3.199	60400	15.5	65800	4.078	51900	118	4.72
		6.7	15.4	85/71	52400	36100	3.232	63400	16.2					
	16.0	11.9	27.2	65/55	41200	34700	3.072	51700	13.4	69100	3.681	56500	106	5.50
		11.9	27.2	70/59	44100	33800	3.103	54700	14.2	68800	3.807	55800	110	5.29
		11.9	27.2	75/63	46900	34600	3.136	57600	15.0	68500	3.964	55000	114	5.06
		11.9	27.2	80/67	49800	35400	3.168	60600	15.7	68100	4.122	54000	119	4.84
		11.9	27.2	85/71	52700	36200	3.201	63600	16.5					
90	8.0	3.0	6.8	65/55	38400	33600	3.477	50300	11.0	70000	3.688	57400	106	5.56
		3.0	6.8	70/59	41300	32700	3.508	53300	11.8	69700	3.814	56700	110	5.35
		3.0	6.8	75/63	44100	33500	3.541	56200	12.5	69400	3.972	55800	115	5.12
		3.0	6.8	80/67	47000	34300	3.573	59200	13.2	69000	4.129	54900	120	4.89
		3.0	6.8	85/71	49800	35100	3.606	62100	13.8					
	12.0	6.6	15.1	65/55	38700	33700	3.446	50500	11.2	72300	3.732	59600	108	5.67
		6.6	15.1	70/59	41500	32800	3.477	53400	11.9	72000	3.858	58800	111	5.46
		6.6	15.1	75/63	44400	33600	3.510	56400	12.6	71700	4.016	58000	116	5.23
		6.6	15.1	80/67	47300	34400	3.542	59400	13.4	71300	4.173	57100	121	5.00
		6.6	15.1	85/71	50100	35200	3.575	62300	14.0					
	16.0	11.7	26.8	65/55	39000	33800	3.415	50700	11.4	74600	3.776	61700	109	5.78
		11.7	26.8	70/59	41800	32900	3.446	53600	12.1	74300	3.902	61000	113	5.58
		11.7	26.8	75/63	44700	33700	3.478	56600	12.9	74000	4.060	60100	118	5.34
		11.7	26.8	80/67	47500	34500	3.511	59500	13.5	73600	4.217	59200	122	5.11
		11.7	26.8	85/71	50400	35300	3.544	62500	14.2					
100	8.0	2.9	6.7	65/55	35900	32600	3.872	49100	9.3					
		2.9	6.7	70/59	38800	31700	3.903	52100	9.9					
		2.9	6.7	75/63	41600	32500	3.936	55000	10.6					
		2.9	6.7	80/67	44500	33300	3.969	58000	11.2					
		2.9	6.7	85/71	47400	34100	4.001	61100	11.8					
	12.0	6.5	14.9	65/55	36200	32700	3.841	49300	9.4					
		6.5	14.9	70/59	39000	31800	3.872	52200	10.1					
		6.5	14.9	75/63	41900	32600	3.905	55200	10.7					
		6.5	14.9	80/67	44800	33400	3.938	58200	11.4					
		6.5	14.9	85/71	47600	34200	3.970	61100	12.0					
	16.0	11.6	26.4	65/55	36500	32800	3.810	49500	9.6					
		11.6	26.4	70/59	39300	31900	3.841	52400	10.2					
		11.6	26.4	75/63	42200	32700	3.874	55400	10.9					
		11.6	26.4	80/67	45000	33500	3.907	58300	11.5					
		11.6	26.4	85/71	47900	34300	3.939	61300	12.2					
110	8.0	2.9	6.6	65/55	33500	31700	4.331	48300	7.7					
		2.9	6.6	70/59	36300	30800	4.362	51200	8.3					
		2.9	6.6	75/63	39200	31600	4.394	54200	8.9					
		2.9	6.6	80/67	42000	32400	4.427	57100	9.5					
		2.9	6.6	85/71	44900	33200	4.460	60100	10.1					
	12.0	6.5	14.8	65/55	33700	31800	4.300	48400	7.8					
		6.5	14.8	70/59	36600	30900	4.331	51400	8.5					
		6.5	14.8	75/63	39400	31700	4.363	54300	9.0					
		6.5	14.8	80/67	42300	32500	4.396	57300	9.6					
		6.5	14.8	85/71	45200	33300	4.429	60300	10.2					
	16.0	11.5	26.1	65/55	34000	31900	4.269	48600	8.0					
		11.5	26.1	70/59	36800	31000	4.300	51500	8.6					
		11.5	26.1	75/63	39700	31800	4.332	54500	9.2					
		11.5	26.1	80/67	42600	32600	4.365	57500	9.8					
		11.5	26.1	85/71	45400	33400	4.398	60400	10.3					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 060 (2000 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	10.0	4.0	9.2	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					38900	3.712	26200	84	3.07
		4.0	9.2	70/59						38700	3.856	25500	88	2.94
		4.0	9.2	75/63						38500	4.036	24700	93	2.79
		4.0	9.2	80/67						38200	4.216	23800	98	2.65
		4.0	9.2	85/71										
	15.0	9.1	20.7	65/55						42500	3.782	29600	86	3.29
		9.1	20.7	70/59						42300	3.926	28900	89	3.15
		9.1	20.7	75/63						42000	4.106	28000	94	3.00
		9.1	20.7	80/67						41800	4.286	27200	99	2.86
		9.1	20.7	85/71										
	20.0	16.1	36.8	65/55						46000	3.852	32900	87	3.50
		16.1	36.8	70/59						45900	3.996	32300	91	3.36
		16.1	36.8	75/63						45600	4.176	31300	96	3.20
		16.1	36.8	80/67						45400	4.356	30500	101	3.05
		16.1	36.8	85/71										
30	10.0	3.9	8.9	65/55						45000	3.795	32000	87	3.47
		3.9	8.9	70/59	46300	34700	2.298	54100	20.1	44800	3.939	31400	91	3.33
		3.9	8.9	75/63	50200	36000	2.338	58200	21.5	44500	4.119	30400	95	3.16
		3.9	8.9	80/67	54100	37300	2.379	62200	22.7	44300	4.299	29600	100	3.02
		3.9	8.9	85/71	58100	38600	2.419	66400	24.0					
	15.0	8.8	20.1	65/55	42800	35600	2.211	50300	19.4	48500	3.865	35300	88	3.67
		8.8	20.1	70/59	46700	34900	2.250	54400	20.8	48400	4.009	34700	92	3.54
		8.8	20.1	75/63	50600	36200	2.290	58400	22.1	48100	4.189	33800	97	3.36
		8.8	20.1	80/67	54600	37500	2.330	62600	23.4	47900	4.369	33000	102	3.21
		8.8	20.1	85/71	58500	38800	2.370	66600	24.7					
	20.0	15.6	35.7	65/55	43200	35800	2.163	50600	20.0	52100	3.935	38700	90	3.88
		15.6	35.7	70/59	47100	35000	2.201	54600	21.4	51900	4.079	38000	94	3.73
		15.6	35.7	75/63	51000	36300	2.241	58600	22.8	51700	4.259	37200	99	3.55
		15.6	35.7	80/67	55000	37600	2.282	62800	24.1	51500	4.439	36300	104	3.40
		15.6	35.7	85/71	58900	38900	2.322	66800	25.4					
40	10.0	3.8	8.7	65/55	44300	36600	2.526	52900	17.5	51000	3.878	37800	89	3.85
		3.8	8.7	70/59	48200	35900	2.564	57000	18.8	50900	4.022	37200	93	3.71
		3.8	8.7	75/63	52200	37200	2.604	61100	20.0	50600	4.202	36300	98	3.53
		3.8	8.7	80/67	56100	38500	2.645	65100	21.2	50400	4.382	35400	103	3.37
		3.8	8.7	85/71	60100	39800	2.685	69300	22.4					
	15.0	8.5	19.5	65/55	44700	36800	2.477	53200	18.0	54600	3.948	41100	91	4.05
		8.5	19.5	70/59	48600	36100	2.516	57200	19.3	54400	4.092	40400	95	3.89
		8.5	19.5	75/63	52600	37300	2.556	61300	20.6	54200	4.272	39600	100	3.71
		8.5	19.5	80/67	56500	38600	2.596	65400	21.8	54000	4.452	38800	105	3.55
		8.5	19.5	85/71	60500	39900	2.636	69500	23.0					
	20.0	15.2	34.6	65/55	45100	36900	2.429	53400	18.6	58200	4.018	44500	93	4.24
		15.2	34.6	70/59	49100	36200	2.467	57500	19.9	58000	4.162	43800	97	4.08
		15.2	34.6	75/63	53000	37500	2.507	61600	21.1	57800	4.342	43000	102	3.90
		15.2	34.6	80/67	56900	38800	2.548	65600	22.3	57600	4.522	42200	107	3.73
		15.2	34.6	85/71	60900	40100	2.588	69700	23.5					
50	10.0	3.7	8.4	65/55	46300	38100	2.814	55900	16.5	57100	3.961	43600	92	4.22
		3.7	8.4	70/59	50300	37400	2.852	60000	17.6	56900	4.105	42900	96	4.06
		3.7	8.4	75/63	54200	38700	2.892	64100	18.7	56700	4.285	42100	101	3.87
		3.7	8.4	80/67	58100	40000	2.932	68100	19.8	56500	4.465	41300	106	3.71
		3.7	8.4	85/71	62100	41300	2.973	72200	20.9					
	15.0	8.3	19.0	65/55	46800	38300	2.765	56200	16.9	60700	4.031	46900	94	4.41
		8.3	19.0	70/59	50700	37600	2.803	60300	18.1	60500	4.175	46300	98	4.24
		8.3	19.0	75/63	54600	38800	2.844	64300	19.2	60300	4.355	45400	103	4.05
		8.3	19.0	80/67	58600	40100	2.884	68400	20.3	60100	4.535	44600	108	3.88
		8.3	19.0	85/71	62500	41400	2.924	72500	21.4					
	20.0	14.8	33.7	65/55	47200	38400	2.717	56500	17.4	64300	4.101	50300	96	4.59
		14.8	33.7	70/59	51100	37700	2.755	60500	18.5	64100	4.245	49600	100	4.42
		14.8	33.7	75/63	55000	39000	2.795	64500	19.7	63900	4.425	48800	104	4.23
		14.8	33.7	80/67	59000	40300	2.835	68700	20.8	63600	4.605	47900	109	4.04
		14.8	33.7	85/71	62900	41600	2.876	72700	21.9					
60	10.0	3.6	8.2	65/55	48100	39600	3.130	58800	15.4	63200	4.044	49400	95	4.58
		3.6	8.2	70/59	52000	38900	3.168	62800	16.4	63000	4.188	48700	99	4.40
		3.6	8.2	75/63	55900	40200	3.208	66800	17.4	62800	4.368	47900	104	4.21
		3.6	8.2	80/67	59900	41500	3.248	71000	18.4	62600	4.548	47100	109	4.03
		3.6	8.2	85/71	63800	42800	3.289	75000	19.4					
	15.0	8.1	18.5	65/55	48500	39800	3.081	59000	15.7	66800	4.114	52800	97	4.75
		8.1	18.5	70/59	52400	39100	3.119	63000	16.8	66600	4.258	52100	101	4.58
		8.1	18.5	75/63	56300	40400	3.160	67100	17.8	66400	4.438	51300	106	4.38
		8.1	18.5	80/67	60300	41700	3.200	71200	18.8	66100	4.618	50300	110	4.19
		8.1	18.5	85/71	64200	42900	3.240	75300	19.8					
	20.0	14.4	32.9	65/55	48900	40000	3.033	59300	16.1	70400	4.184	56100	98	4.93
		14.4	32.9	70/59	52800	39200	3.071	63300	17.2	70200	4.328	55400	102	4.75
		14.4	32.9	75/63	56800	40500	3.111	67400	18.3	70000	4.508	54600	107	4.55
		14.4	32.9	80/67	60700	41800	3.151	71500	19.3	69700	4.688	53700	112	4.35
		14.4	32.9	85/71	64600	43100	3.192	75500	20.2					

Size 060 (2000 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	10.0	3.5	8.1	65/55	48800	40600	3.481	60700	14.0	69300	4.127	55200	98	4.92
		3.5	8.1	70/59	52700	39900	3.519	64700	15.0	69100	4.271	54500	102	4.74
		3.5	8.1	75/63	56700	41200	3.560	68900	15.9	68900	4.451	53700	107	4.53
		3.5	8.1	80/67	60600	42500	3.600	72900	16.8	68600	4.631	52800	112	4.34
		3.5	8.1	85/71	64500	43800	3.640	76900	17.7					
	15.0	7.9	18.1	65/55	49200	40800	3.433	60900	14.3	72900	4.197	58600	100	5.09
		7.9	18.1	70/59	53100	40000	3.471	64900	15.3	72700	4.341	57900	103	4.90
		7.9	18.1	75/63	57100	41300	3.511	69100	16.3	72500	4.521	57100	108	4.70
		7.9	18.1	80/67	61000	42600	3.551	73100	17.2	72200	4.701	56200	113	4.50
		7.9	18.1	85/71	65000	43900	3.592	77300	18.1					
	20.0	14.1	32.2	65/55	49600	40900	3.384	61100	14.7	76500	4.267	61900	101	5.25
		14.1	32.2	70/59	53500	40200	3.422	65200	15.6	76300	4.411	61200	105	5.06
		14.1	32.2	75/63	57500	41500	3.463	69300	16.6	76000	4.591	60300	110	4.85
		14.1	32.2	80/67	61400	42800	3.503	73400	17.5	75800	4.771	59500	115	4.65
		14.1	32.2	85/71	65400	44100	3.543	77500	18.5					
80	10.0	3.5	7.9	65/55	47800	40500	3.874	61000	12.3	75400	4.210	61000	101	5.24
		3.5	7.9	70/59	51800	39800	3.912	65200	13.2	75200	4.354	60300	105	5.06
		3.5	7.9	75/63	55700	41100	3.952	69200	14.1	75000	4.534	59500	110	4.84
		3.5	7.9	80/67	59600	42400	3.993	73200	14.9	74700	4.714	58600	114	4.64
		3.5	7.9	85/71	63600	43700	4.033	77400	15.8					
	15.0	7.8	17.8	65/55	48300	40700	3.825	61400	12.6	79000	4.280	64400	102	5.40
		7.8	17.8	70/59	52200	40000	3.864	65400	13.5	78800	4.424	63700	106	5.22
		7.8	17.8	75/63	56100	41200	3.904	69400	14.4	78500	4.604	62800	111	4.99
		7.8	17.8	80/67	60100	42500	3.944	73600	15.2	78300	4.784	62000	116	4.79
		7.8	17.8	85/71	64000	43800	3.984	77600	16.1					
	20.0	13.9	31.6	65/55	48700	40800	3.777	61600	12.9	82500	4.350	67700	104	5.55
		13.9	31.6	70/59	52600	40100	3.815	65600	13.8	82400	4.494	67100	108	5.37
		13.9	31.6	75/63	56500	41400	3.855	69700	14.7	82100	4.674	66100	113	5.14
		13.9	31.6	80/67	60500	42700	3.896	73800	15.5	81900	4.854	65300	118	4.94
		13.9	31.6	85/71	64400	44000	3.936	77800	16.4					
90	10.0	3.4	7.8	65/55	45000	39200	4.315	59700	10.4	81500	4.293	66800	104	5.56
		3.4	7.8	70/59	49000	38500	4.353	63900	11.3	81300	4.437	66200	107	5.37
		3.4	7.8	75/63	52900	39800	4.394	67900	12.0	81000	4.617	65200	112	5.14
		3.4	7.8	80/67	56800	41000	4.434	71900	12.8	80800	4.797	64400	117	4.93
		3.4	7.8	85/71	60800	42300	4.474	76100	13.6					
	15.0	7.7	17.5	65/55	45400	39300	4.267	60000	10.6	85000	4.363	70100	105	5.70
		7.7	17.5	70/59	49400	38600	4.305	64100	11.5	84900	4.507	69500	109	5.52
		7.7	17.5	75/63	53300	39900	4.345	68100	12.3	84600	4.687	68600	114	5.29
		7.7	17.5	80/67	57300	41200	4.385	72300	13.1	84400	4.867	67800	119	5.08
		7.7	17.5	85/71	61200	42500	4.426	76300	13.8					
	20.0	13.6	31.1	65/55	45900	39500	4.218	60300	10.9	88600	4.433	73500	107	5.85
		13.6	31.1	70/59	49800	38800	4.256	64300	11.7	88400	4.577	72800	111	5.66
		13.6	31.1	75/63	53700	40100	4.297	68400	12.5	88200	4.757	72000	116	5.43
		13.6	31.1	80/67	57700	41400	4.337	72500	13.3	88000	4.937	71200	121	5.22
		13.6	31.1	85/71	61600	42700	4.377	76500	14.1					
100	10.0	3.4	7.7	65/55	41000	37100	4.811	57400	8.5					
		3.4	7.7	70/59	44900	36400	4.849	61400	9.3					
		3.4	7.7	75/63	48800	37700	4.890	65500	10.0					
		3.4	7.7	80/67	52800	39000	4.930	69600	10.7					
		3.4	7.7	85/71	56700	40300	4.970	73700	11.4					
	15.0	7.6	17.3	65/55	41400	37300	4.763	57700	8.7					
		7.6	17.3	70/59	45300	36600	4.801	61700	9.4					
		7.6	17.3	75/63	49300	37900	4.841	65800	10.2					
		7.6	17.3	80/67	53200	39100	4.881	69900	10.9					
		7.6	17.3	85/71	57100	40400	4.922	73900	11.6					
	20.0	13.4	30.7	65/55	41800	37400	4.714	57900	8.9					
		13.4	30.7	70/59	45700	36700	4.752	61900	9.6					
		13.4	30.7	75/63	49700	38000	4.793	66100	10.4					
		13.4	30.7	80/67	53600	39300	4.833	70100	11.1					
		13.4	30.7	85/71	57600	40600	4.873	74200	11.8					
110	10.0	3.3	7.6	65/55	37500	35800	5.369	55800	7.0					
		3.3	7.6	70/59	41400	35100	5.407	59900	7.7					
		3.3	7.6	75/63	45400	36300	5.447	64000	8.3					
		3.3	7.6	80/67	49300	37600	5.487	68000	9.0					
		3.3	7.6	85/71	53300	38900	5.528	72200	9.6					
	15.0	7.5	17.1	65/55	37900	35900	5.320	56100	7.1					
		7.5	17.1	70/59	41900	35200	5.358	60200	7.8					
		7.5	17.1	75/63	45800	36500	5.399	64200	8.5					
		7.5	17.1	80/67	49700	37800	5.439	68300	9.1					
		7.5	17.1	85/71	53700	39100	5.479	72400	9.8					
	20.0	13.3	30.3	65/55	38400	36100	5.272	56400	7.3					
		13.3	30.3	70/59	42300	35400	5.310	60400	8.0					
		13.3	30.3	75/63	46200	36700	5.350	64500	8.6					
		13.3	30.3	80/67	50200	38000	5.390	68600	9.3					
		13.3	30.3	85/71	54100	39300	5.431	72600	10.0					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Size 070 (2330 CFM) ECM Motor

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
20	12.0	6.1	13.9	65/55	Tint = Operation Not Recommended Refer to "Capacity Table Legend:" on page 94					45700	4.788	29400	84	2.79
		6.1	13.9	70/59						45400	4.977	28400	88	2.67
		6.1	13.9	75/63						45000	5.212	27200	93	2.53
		6.1	13.9	80/67						44600	5.448	26000	98	2.40
		6.1	13.9	85/71										
	18.0	12.9	29.4	65/55						50800	4.889	34100	86	3.04
		12.9	29.4	70/59						50500	5.078	33200	90	2.91
		12.9	29.4	75/63						50200	5.313	32100	95	2.77
		12.9	29.4	80/67						49800	5.549	30900	100	2.63
		12.9	29.4	85/71										
	24.0	22.0	50.2	65/55						56000	4.990	39000	88	3.29
		22.0	50.2	70/59						55700	5.178	38000	92	3.15
		22.0	50.2	75/63						55300	5.414	36800	97	2.99
		22.0	50.2	80/67						54900	5.649	35600	102	2.85
		22.0	50.2	85/71										
30	12.0	5.9	13.4	65/55						53700	5.033	36500	87	3.12
		5.9	13.4	70/59	62800	46000	3.301	74100	19.0	53400	5.222	35600	91	2.99
		5.9	13.4	75/63	66800	47300	3.343	78200	20.0	53000	5.457	34400	96	2.84
		5.9	13.4	80/67	70800	48700	3.386	82400	20.9	52600	5.693	33200	101	2.71
		5.9	13.4	85/71	74700	50000	3.428	86400	21.8					
	18.0	12.5	28.5	65/55	59500	47300	3.192	70400	18.6	58800	5.134	41300	89	3.35
		12.5	28.5	70/59	63400	46200	3.231	74400	19.6	58500	5.322	40300	93	3.22
		12.5	28.5	75/63	67400	47600	3.274	78600	20.6	58200	5.558	39200	98	3.07
		12.5	28.5	80/67	71400	48900	3.316	82700	21.5	57800	5.793	38000	103	2.92
		12.5	28.5	85/71	75300	50200	3.358	86800	22.4					
	24.0	21.3	48.6	65/55	60100	47500	3.122	70800	19.3	64000	5.235	46100	91	3.58
		21.3	48.6	70/59	64000	46500	3.162	74800	20.2	63700	5.423	45200	95	3.44
		21.3	48.6	75/63	68000	47800	3.204	78900	21.2	63300	5.659	44000	100	3.28
		21.3	48.6	80/67	72000	49100	3.246	83100	22.2	62900	5.894	42800	105	3.12
		21.3	48.6	85/71	75900	50500	3.288	87100	23.1					
40	12.0	5.7	13.0	65/55	62900	49700	3.637	75300	17.3	61700	5.278	43700	90	3.42
		5.7	13.0	70/59	66800	48700	3.677	79300	18.2	61400	5.466	42700	94	3.29
		5.7	13.0	75/63	70800	50000	3.719	83500	19.0	61000	5.702	41500	99	3.13
		5.7	13.0	80/67	74800	51300	3.761	87600	19.9	60600	5.937	40300	104	2.99
		5.7	13.0	85/71	78700	52700	3.804	91700	20.7					
	18.0	12.1	27.7	65/55	63500	50000	3.567	75700	17.8	66800	5.379	48400	92	3.64
		12.1	27.7	70/59	67400	48900	3.607	79700	18.7	66500	5.567	47500	96	3.50
		12.1	27.7	75/63	71400	50200	3.649	83900	19.6	66200	5.803	46400	101	3.34
		12.1	27.7	80/67	75400	51600	3.691	88000	20.4	65800	6.038	45200	106	3.19
		12.1	27.7	85/71	79300	52900	3.734	92000	21.2					
	24.0	20.7	47.2	65/55	64100	50200	3.497	76000	18.3	72000	5.479	53300	94	3.85
		20.7	47.2	70/59	68000	49100	3.537	80100	19.2	71700	5.668	52400	98	3.70
		20.7	47.2	75/63	72000	50500	3.579	84200	20.1	71300	5.903	51200	103	3.54
		20.7	47.2	80/67	76000	51800	3.622	88400	21.0	70900	6.139	49900	108	3.38
		20.7	47.2	85/71	79900	53200	3.664	92400	21.8					
50	12.0	5.6	12.7	65/55	64700	51100	4.010	78400	16.1	69700	5.523	50900	94	3.70
		5.6	12.7	70/59	68600	50100	4.050	82400	16.9	69400	5.711	49900	97	3.56
		5.6	12.7	75/63	72600	51400	4.092	86600	17.7	69000	5.947	48700	102	3.40
		5.6	12.7	80/67	76500	52700	4.135	90600	18.5	68600	6.182	47500	107	3.25
		5.6	12.7	85/71	80500	54100	4.177	94800	19.3					
	18.0	11.8	26.9	65/55	65300	51400	3.941	78800	16.6	74800	5.623	55600	96	3.90
		11.8	26.9	70/59	69200	50300	3.980	82800	17.4	74500	5.812	54700	99	3.75
		11.8	26.9	75/63	73200	51600	4.023	86900	18.2	74200	6.047	53600	104	3.59
		11.8	26.9	80/67	77100	53000	4.065	91000	19.0	73800	6.283	52400	109	3.44
		11.8	26.9	85/71	81100	54300	4.107	95100	19.7					
	24.0	20.1	45.9	65/55	65800	51600	3.871	79000	17.0	80000	5.724	60500	98	4.09
		20.1	45.9	70/59	69800	50500	3.911	83100	17.8	79700	5.913	59500	101	3.95
		20.1	45.9	75/63	73800	51900	3.953	87300	18.7	79300	6.148	58300	106	3.78
		20.1	45.9	80/67	77700	53200	3.995	91300	19.4	78900	6.384	57100	111	3.62
		20.1	45.9	85/71	81700	54500	4.037	95500	20.2					
60	12.0	5.4	12.4	65/55	64600	51500	4.399	79600	14.7	77700	5.767	58000	97	3.95
		5.4	12.4	70/59	68500	50400	4.439	83700	15.4	77400	5.956	57100	101	3.81
		5.4	12.4	75/63	72500	51700	4.481	87800	16.2	77000	6.191	55900	105	3.64
		5.4	12.4	80/67	76400	53100	4.523	91800	16.9	76600	6.427	54700	110	3.49
		5.4	12.4	85/71	80400	54400	4.566	96000	17.6					
	18.0	11.5	26.3	65/55	65200	51700	4.329	80000	15.1	82800	5.868	62800	99	4.13
		11.5	26.3	70/59	69100	50600	4.369	84000	15.8	82500	6.057	61800	103	3.99
		11.5	26.3	75/63	73100	52000	4.411	88200	16.6	82200	6.292	60700	107	3.83
		11.5	26.3	80/67	77000	53300	4.453	92200	17.3	81800	6.528	59500	112	3.67
		11.5	26.3	85/71	81000	54700	4.496	96300	18.0					
	24.0	19.7	44.8	65/55	65800	52000	4.259	80300	15.4	88000	5.969	67600	101	4.32
		19.7	44.8	70/59	69700	50900	4.299	84400	16.2	87700	6.157	66700	105	4.17
		19.7	44.8	75/63	73700	52200	4.341	88500	17.0	87300	6.393	65500	110	4.00
		19.7	44.8	80/67	77600	53600	4.384	92600	17.7	86900	6.628	64300	114	3.84
		19.7	44.8	85/71	81600	54900	4.426	96700	18.4					

Size 070 (2330 CFM) ECM Motor (continued)

EWT (°F)	GPM	WPD		EAT (°F)	Cooling					Heating				
		PSI	FT of W.C.		Total (Btu/hr)	Sensible (Btu/hr)	Power Input (kW)	THR (Btu/hr)	EER	Total (Btu/hr)	Power Input (kW)	THA (Btu/hr)	LAT (°F)	COP
70	12.0	5.3	12.1	65/55	63000	51000	4.819	79400	13.1	85700	6.012	65200	100	4.17
		5.3	12.1	70/59	66900	49900	4.859	83500	13.8	85400	6.201	64200	104	4.03
		5.3	12.1	75/63	70900	51300	4.901	87600	14.5	85000	6.436	63000	109	3.87
		5.3	12.1	80/67	74900	52600	4.944	91800	15.1	84600	6.672	61800	113	3.71
		5.3	12.1	85/71	78800	54000	4.986	95800	15.8					
	18.0	11.3	25.7	65/55	63600	51300	4.749	79800	13.4	90800	6.113	69900	102	4.35
		11.3	25.7	70/59	67500	50200	4.789	83800	14.1	90500	6.301	69000	106	4.21
		11.3	25.7	75/63	71500	51500	4.831	88000	14.8	90200	6.537	67900	111	4.04
		11.3	25.7	80/67	75500	52900	4.874	92100	15.5	89800	6.772	66700	115	3.88
		11.3	25.7	85/71	79400	54200	4.916	96200	16.2					
	24.0	19.2	43.9	65/55	64200	51500	4.679	80200	13.7	96000	6.214	74800	104	4.52
		19.2	43.9	70/59	68100	50400	4.719	84200	14.4	95700	6.402	73800	108	4.38
		19.2	43.9	75/63	72100	51800	4.762	88400	15.1	95300	6.638	72600	113	4.20
		19.2	43.9	80/67	76100	53100	4.804	92500	15.8	94900	6.873	71400	118	4.04
		19.2	43.9	85/71	80000	54400	4.846	96500	16.5					
80	12.0	5.2	11.9	65/55	60300	50000	5.288	78300	11.4	93700	6.257	72300	103	4.38
		5.2	11.9	70/59	64300	48900	5.328	82500	12.1	93400	6.445	71400	107	4.24
		5.2	11.9	75/63	68200	50200	5.370	86500	12.7	93000	6.681	70200	112	4.08
		5.2	11.9	80/67	72200	51600	5.412	90700	13.3	92600	6.916	69000	117	3.92
		5.2	11.9	85/71	76200	52900	5.455	94800	14.0					
	18.0	11.1	25.3	65/55	60900	50200	5.218	78700	11.7	98800	6.358	77100	105	4.55
		11.1	25.3	70/59	64900	49100	5.258	82800	12.3	98500	6.546	76200	109	4.41
		11.1	25.3	75/63	68800	50500	5.300	86900	13.0	98200	6.782	75100	114	4.24
		11.1	25.3	80/67	72800	51800	5.343	91000	13.6	97800	7.017	73900	119	4.08
		11.1	25.3	85/71	76800	53200	5.385	95200	14.3					
	24.0	18.9	43.1	65/55	61500	50500	5.148	79100	11.9	104000	6.458	82000	107	4.72
		18.9	43.1	70/59	65500	49400	5.188	83200	12.6	103700	6.647	81000	111	4.57
		18.9	43.1	75/63	69400	50700	5.230	87200	13.3	103300	6.882	79800	116	4.40
		18.9	43.1	80/67	73400	52100	5.273	91400	13.9	102900	7.118	78600	121	4.23
		18.9	43.1	85/71	77400	53400	5.315	95500	14.6					
90	12.0	5.1	11.7	65/55	57000	48600	5.822	76900	9.8	101700	6.502	79500	106	4.58
		5.1	11.7	70/59	60900	47500	5.862	80900	10.4	101400	6.690	78600	110	4.44
		5.1	11.7	75/63	64900	48900	5.904	85100	11.0	101000	6.926	77400	115	4.27
		5.1	11.7	80/67	68800	50200	5.946	89100	11.6	100600	7.161	76200	120	4.11
		5.1	11.7	85/71	72800	51500	5.989	93200	12.2					
	18.0	10.9	24.8	65/55	57600	48800	5.752	77200	10.0	106800	6.602	84300	108	4.74
		10.9	24.8	70/59	61500	47800	5.792	81300	10.6	106500	6.791	83300	112	4.59
		10.9	24.8	75/63	65500	49100	5.834	85400	11.2	106200	7.026	82200	117	4.43
		10.9	24.8	80/67	69400	50400	5.877	89500	11.8	105800	7.262	81000	122	4.27
		10.9	24.8	85/71	73400	51800	5.919	93600	12.4					
	24.0	18.6	42.4	65/55	58200	49100	5.682	77600	10.2	112000	6.703	89100	110	4.89
		18.6	42.4	70/59	62100	48000	5.722	81600	10.9	111700	6.892	88200	114	4.75
		18.6	42.4	75/63	66100	49300	5.764	85800	11.5	111300	7.127	87000	119	4.57
		18.6	42.4	80/67	70000	50700	5.807	89800	12.1	110900	7.363	85800	124	4.41
		18.6	42.4	85/71	74000	52000	5.849	94000	12.7					
100	12.0	5.1	11.5	65/55	53300	47100	6.438	75300	8.3					
		5.1	11.5	70/59	57200	46000	6.478	79300	8.8					
		5.1	11.5	75/63	61200	47400	6.520	83500	9.4					
		5.1	11.5	80/67	65100	48700	6.563	87500	9.9					
		5.1	11.5	85/71	69100	50100	6.605	91600	10.5					
	18.0	10.7	24.5	65/55	53900	47400	6.368	75600	8.5					
		10.7	24.5	70/59	57800	46300	6.408	79700	9.0					
		10.7	24.5	75/63	61800	47600	6.451	83800	9.6					
		10.7	24.5	80/67	65700	49000	6.493	87900	10.1					
		10.7	24.5	85/71	69700	50300	6.535	92000	10.7					
	24.0	18.3	41.8	65/55	54500	47600	6.299	76000	8.7					
		18.3	41.8	70/59	58400	46500	6.338	80000	9.2					
		18.3	41.8	75/63	62400	47900	6.381	84200	9.8					
		18.3	41.8	80/67	66300	49200	6.423	88200	10.3					
		18.3	41.8	85/71	70300	50500	6.465	92400	10.9					
110	12.0	5.0	11.4	65/55	49600	45800	7.154	74000	6.9					
		5.0	11.4	70/59	53500	44700	7.193	78000	7.4					
		5.0	11.4	75/63	57500	46000	7.236	82200	7.9					
		5.0	11.4	80/67	61500	47400	7.278	86300	8.5					
		5.0	11.4	85/71	65500	48700	7.320	90500	8.9					
	18.0	10.6	24.2	65/55	50200	46000	7.084	74400	7.1					
		10.6	24.2	70/59	54100	44900	7.124	78400	7.6					
		10.6	24.2	75/63	58100	46300	7.166	82600	8.1					
		10.6	24.2	80/67	62100	47600	7.208	86700	8.6					
		10.6	24.2	85/71	66000	48900	7.250	90700	9.1					
	24.0	18.1	41.3	65/55	50800	46300	7.014	74700	7.2					
		18.1	41.3	70/59	54700	45200	7.054	78800	7.8					
		18.1	41.3	75/63	58700	46500	7.096	82900	8.3					
		18.1	41.3	80/67	62700	47800	7.138	87100	8.8					
		18.1	41.3	85/71	66600	49200	7.181	91100	9.3					

Tint = Operation Not Recommended

Notes:

1. Operation below 40°F EWT is based upon a 15% methanol antifreeze solution.
2. Performance stated is at the rated power supply; performance may vary as the power supply varies from the rated.
3. See performance correction tables for operating conditions other than those listed.
4. Interpolation is permissible; extrapolation is not.
5. For performance data outside the EAT listed, refer to the Daikin SelectTools selection program
6. Table does not reflect fan or pump power corrections for AHRI/ISO conditions.
7. Data is base on unit at full load operation..

Table 6: Standard PSC Static Motor

Unit Size	Speed	Factory Wired	Nominal cfm	External Static Pressure (in. w.c.)													
				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	0.75
007	High	Yes	300	410	400	390	380	360	350	330	320	310	290	270	250		
009	High	Yes	300	390	380	370	360	350	330	320	310	300	280	260	240		
012	Low	No	400	350	340	330	320	300									
	High	Yes		430	420	400	390	370	360	340	320	300					
015	Low	Yes	500	690	670	650	620	590	560	520	480	440	390				
	High	No		950	930	910	880	850	810	770	720	660	610	540	480	400	
019	Low	No	630	670	650	640	610	590	570	540	510						
	High	Yes		890	870	840	820	790	760	730	700	660	620				
024	Low	Yes	800	1000	990	980	970	950	940	910	890	880	830	800	760	720	660
	High	No		1190	1170	1150	1130	1110	1090	1060	1030	990	950	920	880	820	770
030	Low	No	1000	1050	1040	1030	1020	1010	990	970	950	920	890	850	820	770	
	High	Yes		1270	1260	1240	1210	1190	1170	1140	1110	1070	1030	980	940	890	840
036	Low	No	1200				1170	1170	1160	1140	1120	1090	1060	1020	980	940	900
	High	Yes		1510	1500	1480	1460	1430	1390	1350	1310	1260	1200	1150	1090	1040	980
042	Low	No	1400					1450	1440	1420	1370	1280	1200	1120			
	High	Yes		2130	2110	2090	2050	2020	1970	1930	1870	1790	1690	1580	1460	1250	
048	Low	Yes	1600	2100	2070	2030	1990	1950	1900	1850	1790	1720	1600	1400			
	High	No		2440	2380	2330	2260	2200	2130	2070	2000	1910	1780	1590	1410		
060	Low	No	2000			2080	2070	2050	2020	1980	1940	1900	1850	1770	1680		
	High	Yes		2600	2570	2530	2490	2440	2390	2320	2260	2180	2100	2010	1920	1620	

Note: PSC blower motors are designed to deliver nominal 400 cfm/ton.

Table 7: Low Static PSC Motor

Unit Size	Speed	Factory Wired	Nominal cfm	External Static Pressure (in. w.c)													
				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	0.75
024	Low	No	800	670	650	640	610										
	High	Yes		890	870	840	820	790	760	730	700	660	620				

Note: For wet coil, calculate face velocity (cfm/ coil face area, sq. ft.). Add the following static to the external static pressure for the corresponding face velocity: 300 fpm = 0.05", 400 fpm = 0.10", 500 fpm = 0.14". Re-enter table at the increased external static pressure to determine final cfm. = Out of Range

Table 8: ECM Fan Motor

Unit Size	Speed	Nominal CFM	External Static Pressure (in. w.c.)													
			.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.6 5	.70	.75
015	High	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Low		340	340	340	340	340	340	340	340	340	340	340	340	340	340
019	High	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630
	Low		420	420	420	420	420	420	420	420	420	420	420	420	420	420
024	High	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Low		590	590	590	590	590	590	590	590	590	590	590	590	590	590
030	High	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	Low		670	670	670	670	670	670	670	670	670	670	670	670	670	670
036	High	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
	Low		760	760	760	760	760	760	760	760	760	760	760	760	760	760
042	High	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
	Low		940	940	940	940	940	940	940	940	940	940	940	940	940	940
048	High	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
	Low		1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040
060	High	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Low		1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310
070	High	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330
	Low		1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630

Notes: 1. Low = Fan only mode.

2. For wet coil, calculate face velocity (cfm/coil face area, sq. ft.). Add the following static to the external static pressure for the corresponding face velocity: 300 fmp = 0.05", 400 fpm = 0.10", 500 fpm = 0.14". Re-enter table at the increased external static pressure to determine final cfm.

Table 9: Standard PSC Motor

Unit Size	Voltage/Hz/Ph	Compressor		Fan Motor FLA	Total Unit FLA	Minimum Voltage	Minimum Circuit Amps	Maximum Fuse Size
		RLA	LRA					
007	115/60-1	8.3	45.5	1.88	10.2	104	12.3	20
	208/230-60-1	4.0	22.2	0.83	4.8	197	5.8	15
009*	115/60-1	8.3	45.5	1.88	10.2	104	12.3	20
	208/230-60-1	4.0	22.2	0.83	4.8	197	5.8	15
	265/277-60-1	4.2	18.8	0.65	4.9	240	5.9	15
012	115/60-1	13.2	63.0	1.88	15.1	104	18.4	30
	208/230-60-1	5.6	29.0	0.83	6.4	197	7.8	15
	265/277-60-1	4.7	20.0	0.65	5.4	240	6.5	15
015	208/230-60-1	5.6	29.0	1.20	6.8	197	8.2	15
	265/277-60-1	5.0	28.0	0.90	5.9	240	7.2	15
019	208/230-60-1	6.5	43.0	1.70	8.2	197	9.8	15
	265/277-60-1	5.8	46.0	1.60	7.4	240	8.9	15
024	208/230-60-1	7.4	43.0	1.70	9.1	197	11.0	15
	265/277-60-1	6.7	46.0	1.60	8.3	240	10.0	15
	208/230-60-3	5.9	63.0	1.70	7.6	197	9.1	15
	460-60-3	2.9	30.0	1.70	4.6	416	5.3	15
030	208/230-60-1	14.1	73.0	1.70	15.8	197	19.3	30
	265/277-60-1	11.2	60.0	1.60	12.8	240	15.6	25
	208/230-60-3	8.9	58.0	1.70	10.6	197	12.8	20
	460-60-3	4.2	28.0	1.70	5.9	416	7.0	15
036	208/230-60-1	16.7	79.0	3.50	20.2	197	24.4	40
	265/277-60-1	13.5	72.0	2.80	16.3	240	19.7	30
	208/230-60-3	10.4	73.0	3.80	14.2	197	16.8	25
	460-60-3	5.8	38.0	1.60	7.4	416	8.9	15
042	208/230-60-1	19.9	109.0	3.40	23.3	197	28.3	45
	208/230-60-3	13.6	83.1	3.40	17.0	197	20.4	30
	460-60-3	6.1	41.0	1.50	7.6	416	9.1	15
	575-60-3	4.2	33.0	1.60	5.8	520	6.9	15
048	208/230-60-1	21.4	135.0	4.50	25.9	197	31.3	50
	208/230-60-3	14.5	98.0	4.50	19.0	197	22.6	35
	460-60-3	6.3	55.0	2.00	8.3	416	9.9	15
	575-60-3	6.0	41.0	1.80	7.8	520	9.3	15
060	208/230-60-1	26.3	134.0	4.50	30.8	197	37.4	60
	208/230-60-3	15.6	110.0	4.50	20.1	197	24.0	35
	460-60-3	7.8	52.0	2.00	9.8	416	11.8	15
	575-60-3	5.8	38.9	1.80	7.6	520	9.1	15

***** Unit Size 009 available as CCW model only.

Table 10: Low Static Motor Electrical Data

Unit Size	Voltage/Hz/Ph	Compressor		Fan Motor FLA	Total Unit FLA	Minimum Voltage	Minimum Circuit Amps	Maximum Fuse Size
		RLA	LRA					
024	208/230-60-1	7.4	43.0	1.20	8.6	197	10.45	15
	265/277-60-1	6.7	46.0	0.90	7.6	240	9.28	15
	208/230-60-3	5.9	63.0	1.20	7.1	197	8.58	15
	460-60-3	2.9	30.0	0.60	3.5	416	4.23	15

Table 11: ECM Motor

Unit Size	Voltage/Hz/Ph	Compressor		Fan Motor FLA	Total Unit FLA	Minimum Voltage	Minimum Circuit Amps	Maximum Fuse Size
		RLA	LRA					
015	208/230-60-1	5.6	29.0	3.0	8.6	197	10.0	15
	265/277-60-1	5.0	28.0	2.6	7.6	240	8.9	15
019	208/230-60-1	6.5	43.0	3.0	9.5	197	11.1	15
	265/277-60-1	5.8	46.0	2.6	8.4	240	9.9	15
024	208/230-60-1	7.4	43.0	3.0	10.4	197	12.3	15
	265/277-60-1	6.7	46.0	2.6	9.3	240	11.0	15
	208/230-60-3	5.9	63.0	3.0	8.9	197	10.4	15
	460-60-3*	2.9	30.0	2.6	5.5	416	6.2	15
030	208/230-60-1	14.1	73.0	5.0	19.1	197	22.6	35
	265/277-60-1	11.2	60.0	4.1	15.3	240	18.1	25
	208/230-60-3	8.9	58.0	5.0	13.9	197	16.1	25
	460-60-3*	4.2	28.0	4.1	8.3	416	9.4	15
036	208/230-60-1	16.7	79.0	5.0	21.7	197	25.9	40
	265/277-60-1	13.5	72.0	4.1	17.6	240	21.0	30
	208/230-60-3	10.4	73.0	5.0	15.4	197	18.0	25
	460-60-3*	5.8	38.0	4.1	9.9	416	11.4	15
042	208/230-60-1	19.9	109.0	7.3	27.2	197	32.2	50
	208/230-60-3	13.6	83.1	7.3	20.9	197	24.3	35
	460-60-3*	6.1	41.0	5.5	11.6	416	13.1	15
048	208/230-60-1	21.4	135.0	7.3	28.7	197	34.1	50
	208/230-60-3	14.5	98.0	7.3	21.8	197	25.4	35
	460-60-3*	6.3	55.0	5.5	11.8	416	13.4	15
060	208/230-60-1	26.3	134.0	9.4	35.7	197	42.3	60
	208/230-60-3	15.6	110.0	9.4	25.0	197	28.9	40
	460-60-3*	7.8	52.0	6.9	14.7	416	16.7	20
070	208/230-60-3	22.4	149.0	9.4	31.8	197	37.4	50
	460-60-3*	10.6	75.0	6.9	17.5	416	20.2	30

Note: *All 460-60-3 units require 4-wire power, which includes a neutral wire. ECM motors 460-60-3 volt units require a 265 volt power supply. Both a hot AND a neutral wire are required to obtain proper fan motor voltage. Therefore, 4- wires with a wye type wiring arrangement is required.

Table 12: Typical Water Source Heat Pump Common Design Temperatures

Operating Mode	Entering Air °F				Entering Water °F			
	Minimum		Maximum		Standard Range		Extended Range	
	DB	WB	DB	WB	Minimum	Maximum	Minimum	Maximum
Cooling	75	63	80	67	85	100	85	100
Heating	60	–	70	–	60	70	40	70

Table 13: Water Source Heat Pump Operating Temperature Limits (For Continuous Duty)

Operating Mode	Entering Air °F				Entering Water °F			
	Minimum		Maximum		Standard Range		Extended Range	
	DB	WB	DB	WB	Minimum	Maximum	Minimum	Maximum
Cooling	65	55	85	71	55	110	50	110
Ambient	50	–	100	–	–	–	–	–
Heating	50	–	80	–	55	90	20	90
Ambient	50	–	85	–	–	–	–	–

Notes: 1. In the heating mode, the sum of the entering air + entering water must be ≥ 100°F.

2. MINIMUM WATER FLOW = 1.5 GPM/Ton.

3. 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.

Table 14: Water Source Heat Pump Operating Temperature Limits At Start-Up (Not For Continuous Duty)

Operating Mode	Entering Air °F				Entering Water °F			
	Minimum		Maximum		Standard Range		Extended Range	
	DB	WB	DB	WB	Minimum	Maximum	Minimum	Maximum
Cooling	50	40	105	87	45	120	30	120
Ambient	45	–	110	–	–	–	–	–
Heating	40	–	85	–	40	95	20	100
Ambient	40	–	85	–	–	–	–	–

Standard Range Units:

Units are designed to start in an ambient of 50°F (10°C) with entering air at 50°F (10°C), with entering water at 50°F (10°C), with nominal air flow and water flow (3.0 GPM/Ton), for initial start-up in heating.

NOTE: *This is not a normal or continuous operating condition. It is assumed that such start-up is for the purpose of bringing the building space up to occupancy temperature.*

Geothermal Range Units:

Units are designed to start in an ambient of 40°F (5°C) with entering air at 40°F (5°C), with entering water at 20°F (-7°C), with nominal air flow and water flow (3.0 GPM/Ton), for initial start-up in heating.

NOTE: *This is not a normal or continuous operating condition. It is assumed that such start-up is for the purpose of bringing the building space up to occupancy temperature.*

Environment

This equipment is designed for indoor installation only. Sheltered locations such as attics, garages, etc., generally will not provide sufficient protection against extremes in temperature and/or humidity, and equipment performance, reliability, and service life may be adversely affected.

Power supply

A voltage variation of +/-10% of nameplate voltage is acceptable. Three-phase system imbalance shall not exceed 2%.

Table 15: Airflow Correction Factors

	Percent of Nominal Airflow									
	55	**60**	**65**	**70**	**75**	**80**	**85**	**90**	**95**	**100**
Total Cooling Capacity	0.935	0.942	0.948	0.955	0.962	0.969	0.976	0.983	0.990	1.000
Sensible Cooling Capacity	0.779	0.803	0.828	0.852	0.877	0.901	0.926	0.950	0.975	1.000
kW - Cooling	0.925	0.933	0.942	0.950	0.959	0.967	0.976	0.984	0.993	1.000
Total Heat of Rejection	0.931	0.939	0.946	0.954	0.961	0.969	0.976	0.984	0.991	1.000
Total Heating Capacity	0.912	0.921	0.931	0.940	0.950	0.960	0.969	0.979	0.988	1.000
kW - Heating	1.025	1.022	1.019	1.017	1.014	1.011	1.009	1.006	1.003	1.000
Total Heat of Absorption	0.908	0.918	0.92	0.938	0.948	0.958	0.968	0.978	0.988	1.000

	Percent of Nominal Airflow									
	105	**110**	**115**	**120**	**125**	**130**	**135**	**140**	**145**	**150**
Total Cooling Capacity	1.004	1.011	1.017	1.024	1.031	1.038	1.045	1.052	1.059	1.066
Sensible Cooling Capacity	1.024	1.048	1.073	1.098	1.122	1.147	1.171	1.196	1.220	1.245
kW - Cooling	1.010	1.019	1.027	1.036	1.044	1.053	1.061	1.070	1.078	1.087
Total Heat of Rejection	1.006	1.014	1.021	1.029	1.036	1.044	1.051	1.059	1.066	1.074
Total Heating Capacity	1.007	1.017	1.027	1.036	1.046	1.055	1.065	1.074	1.084	1.094
kW - Heating	0.998	0.995	0.992	0.990	0.987	0.984	0.981	0.979	0.976	0.973
Total Heat of Absorption	1.008	1.018	1.028	1.038	1.048	1.058	1.068	1.078	1.088	1.098

	Percent of Nominal Airflow								
	155	**160**	**165**	**170**	**175**	**180**	**185**	**190**	**195**
Total Cooling Capacity	1.073	1.079	1.086	1.093	1.100	1.107	1.114	1.121	1.128
Sensible Cooling Capacity	1.269	1.294	1.318	1.343	1.367	1.392	1.417	1.441	1.466
kW - Cooling	1.095	1.104	1.113	1.121	1.130	1.138	1.147	1.155	1.164
Total Heat of Rejection	1.081	1.089	1.096	1.104	1.111	1.119	1.126	1.134	1.141
Total Heating Capacity	1.103	1.113	1.122	1.132	1.141	1.151	1.161	1.170	1.180
kW - Heating	0.971	0.968	0.965	0.962	0.960	0.957	0.954	0.952	0.949
Total Heat of Absorption	1.108	1.118	1.128	1.138	1.149	1.159	1.169	1.179	1.189

Table 16: Ethylene Glycol

	10%	**20%**	**30%**	**40%**	**50%**
Cooling Capacity	0.9950	0.9920	0.9870	0.9830	0.9790
Heating Capacity	0.9910	0.9820	0.9770	0.9690	0.9610
Pressure Drop	1.0700	1.1300	1.1800	1.2600	1.2800

Table 17: Propylene Glycol

	10%	**20%**	**30%**	**40%**	**50%**
Cooling Capacity	0.9900	0.9800	0.9700	0.9600	0.9500
Heating Capacity	0.9870	0.9750	0.9620	0.9420	0.9300
Pressure Drop	1.0700	1.1500	1.2500	1.3700	1.4200

Table 18: Methanol

	10%	**20%**	**30%**	**40%**	**50%**
Cooling Capacity	0.9980	0.9720	–	–	–
Heating Capacity	0.9950	0.9700	–	–	–
Pressure Drop	1.0230	1.0570	–	–	–

Table 19: Ethanol

	10%	**20%**	**30%**	**40%**	**50%**
Cooling Capacity	0.9910	0.9510	–	–	–
Heating Capacity	0.9950	0.9600	–	–	–
Pressure Drop	1.0350	0.9600	–	–	–

These easy-to-operate comfort command centers bring you a complete range of deluxe features. Features that enable you to match temperature programming to your application, provide added convenience, and help save energy and money. All packed into an extra rugged, highly reliable design that will look and perform like new for years to come.

For use with Microtech III Standalone

Programmable Electronic Thermostat Two-Stage Heat/Two-Stage Cool, 7-Day Programmable

Figure 24: Daikin Part No. 668375301 (1-Pk, White with Wall Plate)

ENERGY STAR

Features

- Hardwired
- Programmable and configurable
- SimplesetTM feature enables easy copying of one day's programming for the entire week
- Title 24 compliant/No batteries required
- Relay Ouputs (minimum voltage drop in thermostat)
- Clear, backlit display makes it easy to see time, temperature, and setpoint — even in the dark
- Ideally suited for: Light commercial/residential (new construction/replacement)
- Lockout feature prevents unwanted tampering
- Optional remote temperature sensor available **(see** page 82)

668375301 – Specifications

Electrical Rating:

- 24 VAC (18 to 30 VAC/VDC)
- 1 amp maximum per terminal
- 4 amp maximum total load
- Easy access terminal block

Temperature Control Ranges:

- 45ºF to 90ºF (7ºC to 32ºC), Accuracy: ± 1ºF (± 0.5ºC)

System Configurations:

- Two-stage heat/Two-stage cool

Terminations:

- R, C, W1, Y1, W2, Y2, G, S1, S2

Non-Programmable, Auto or Manual Changeover Two Stage Heat/Two Stage Cool, Night Setback Override

Figure 25: Daikin Part No. 668375401 (1-Pk, White with Wall Plate)

Features

- Hardwired
- Two-stage heat / two-stage cool systems
- Backlit display
- Field temperature calibration
- Status indicator light
- Relay outputs (minimum voltage drop in thermostat)
- Night set-back override (used when unit is wired through a time clock on the U-terminal)
- Optional remote temperature sensor available **(see** page 82)

668375401 – Specifications

Electrical Rating:

- 24 VAC (18 to 30 VAC/VDC)
- 1 amp maximum per terminal
- 4 amp maximum total load
- Easy access terminal block

Temperature Control Ranges:

- 45ºF to 90ºF (7ºC to 32ºC), Accuracy: ± 1ºF (± 0.5ºC)

System Configurations:

- Two-stage heat / two-stage cool

Timing:

- Backlight Operation: 13 seconds after mode change or button press

Terminations:

- +R, -C, W1, Y1, W2, Y2, G, O, S1, S2

Optional Remote Sensor

Part No. 667720401 – Used with Thermostat(s) 668375301 & 668375401

The fast, easy solution for temperature sensing problems.

- For tamper prone areas
- Poor airflow areas
- Troubled applications
- Foam gasket prevents drafts through wall opening
- Mounts to standard 2" x 4" outlet box $2^{3}/_{4}$"W x $4^{1}/_{2}$"H

For use with BACnet or LonWorks Communication Module Only

MicroTech III Water Source Heat Pump Room Temperature Sensors

(Kit P/N 669529101, 669529201, 669529001)

Sensor 669529101
Sensor 669529201 Not Shown

Sensor 669529001

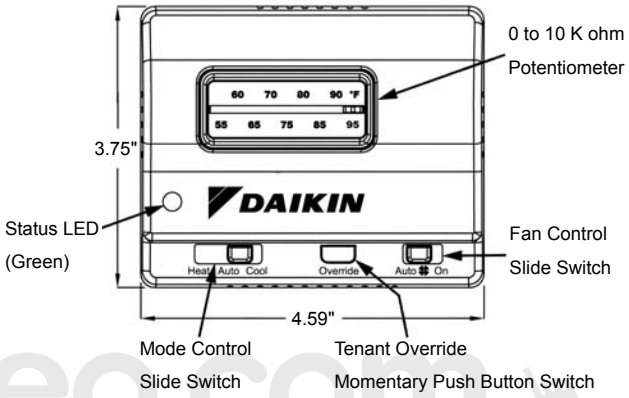
Room temperature sensors provide electronic sensing of room temperatures at interior wall locations. All sensor models feature a thermistor (10kΩ), a green LED for unit status and tenant override button. Setpoint adjustment potentiometer, heat and fan mode switches are optional features.

Feature	Sensor Kit Part Number		
	669529001	669529101	669529201
Tenant Override Button	Yes	Yes	Yes
SPT Adj. Pot	No	Yes	Yes
Status LED	Yes	Yes	Yes
Fan and Mode Switches	No	[1]Yes	[2]Yes

Notes: *[1] 55º to 95°F (13º to 35ºC)*

[2] -3º to +3ºF (-1.5º to +1.5ºC)

Figure 26: MicroTech III Wall Sensor Details



Combination Balancing and Shutoff (Ball) Valves

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 27: Shut off Ball Valve

Motorized Valve

Used for variable pumping applications, the valve is wired directly to the H8 terminal on the MicroTech III controller and typically piped in the return water line from the unit. The valve will allow water flow only when there is a call for heating or cooling. The valve is rated for 300 psig (2070 kPa).

Figure 28: 2-Way Motorized Valve

Field Installed Controls

- A multiple unit control panel allows a single thermostat to control up to three units in parallel.
- An auxiliary relay controls optional devices when the fan is operating. The relay has SPDT contacts.

Supply and Return Water Hoses

Available as fire rated construction in 2 or 3 foot (610 mm or 914 mm) lengths. Fire rated hoses have a synthetic polymer core with an outer rated covering of stainless steel. Fittings are steel. Assembly is “fire rated” and tested according to UL 94 with a VO rating and ASTM 84. Each hose has MPT connections. Hoses have a swivel connection at one end and are available in 3/4" (19 mm) to match the FPT fittings on the unit.

Figure 29: Flow Control, Supply and Return Water Hoses

Hose Specifications

Inner Tube: Fire retardant TRP (Thermosplastic Rubber) tested to UL-94 with V-O rating.

Outer Braid: Stainless steel wire (ANSI 302/304)

Temperature range: 40°F to 200°F

Note: *For more details of hose kit options, refer to catalog 1196.*

Condensate Hose Kit

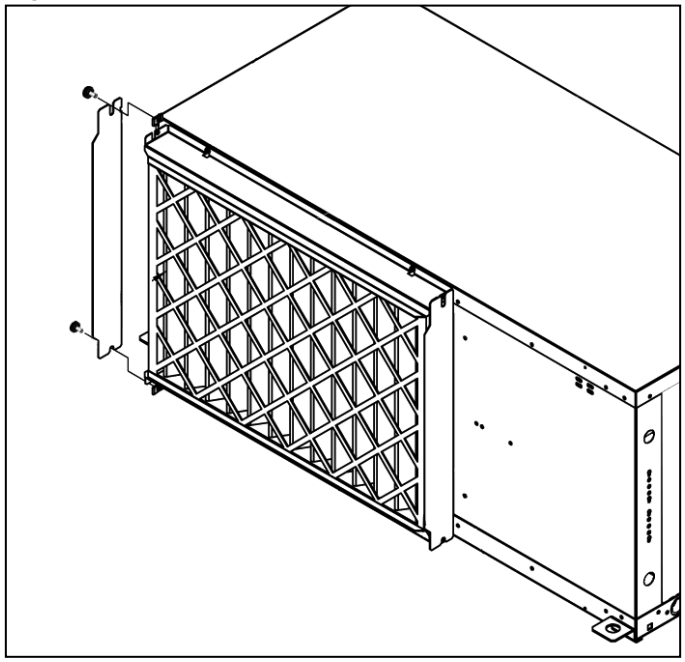
Available as a long clear plastic hose with the necessary clamps and a MPT hose fitting for connection to the FPT field piping.

Figure 30: Condensate Hose Kit

Two-inch Filter Rack

Selectable as factory-mounted or as an optional field-installed kit, replacing the standard 1" filter rack. It provides a 1" (25 mm) extended collar for connection of return air ductwork and accepts a 2" (51 mm) thick, high performance filter. The filter rack can be mounted for left hand or right hand filter removal by rotating it 180 degrees. Two thumb screws allow easy removal of the access door for quick filter changes without using a tool.

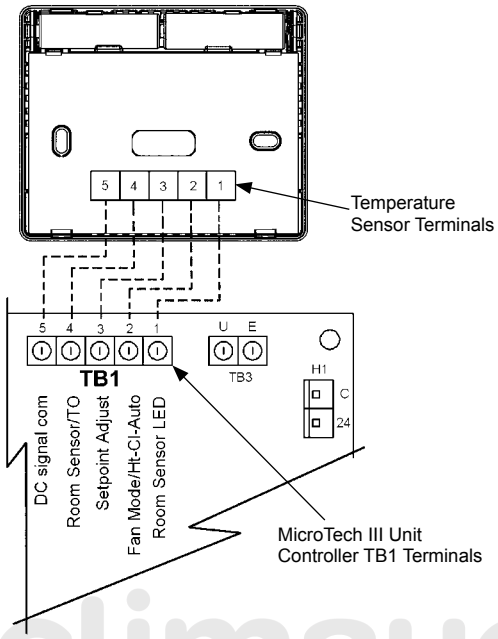
Figure 31: Two-inch Filter Rack



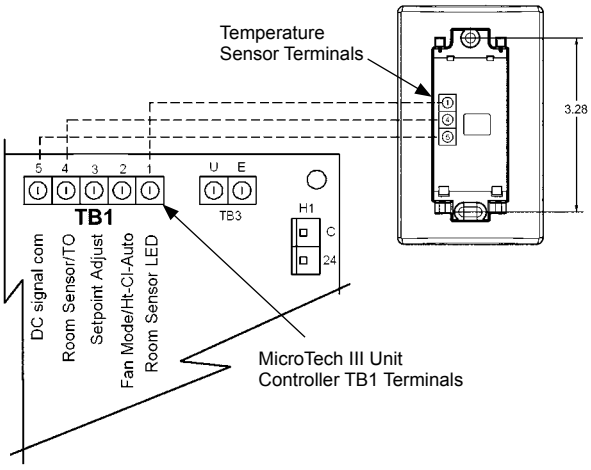
For use with BACnet or LONWORKS Communication Module Only

Room Temperature Sensors Wiring

Kit Part No.s 669529101, 669529201



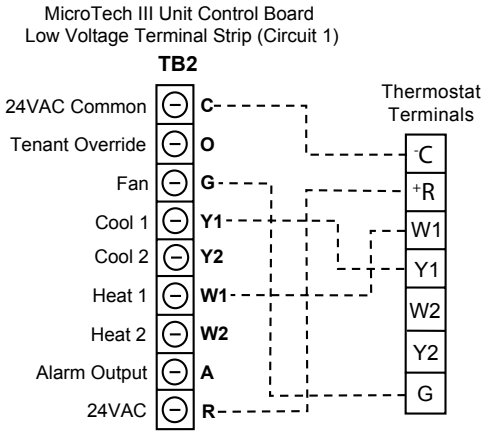
Temperature Sensor Wiring to MicroTech III Unit Controller (Part No. 669529001)



For use with MicroTech III Standalone

Programmable Electronic Thermostat Two-Stage Heat/Two-Stage Cool, 7-Day Programmable

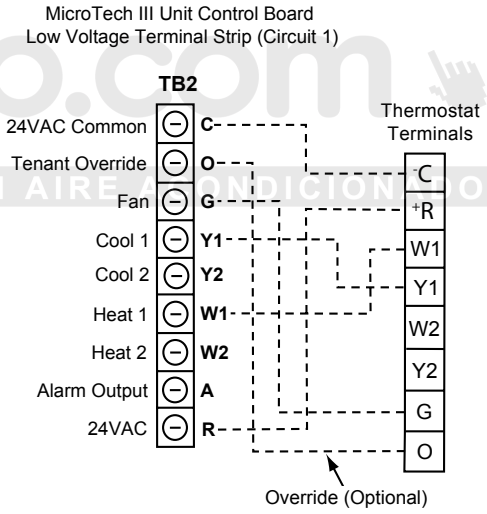
Figure 32: 1 Circuit (Part No. 668375301)



Note: Includes Thermostat and Wall Plate.

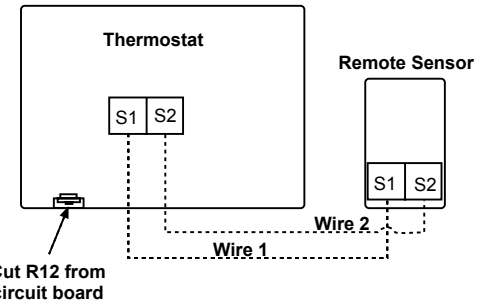
Non-Programmable, Auto or Manual Changeover Two Stage Heat/Two Stage Cool, Night Setback and Override Feature

Figure 33: 1 Circuit (Part No. 668375401)



Note: *An additional conductor is required between "O" terminals for the override feature to work.*

Optional Remote Sensor (Part Number 667720201) Used with Thermostat(s) 668375301 or 668375401



MicroTech III Unit Controller with PSC Motor – 208/230-60-1 Unit Sizes 019-060

Drawing No. 668991002

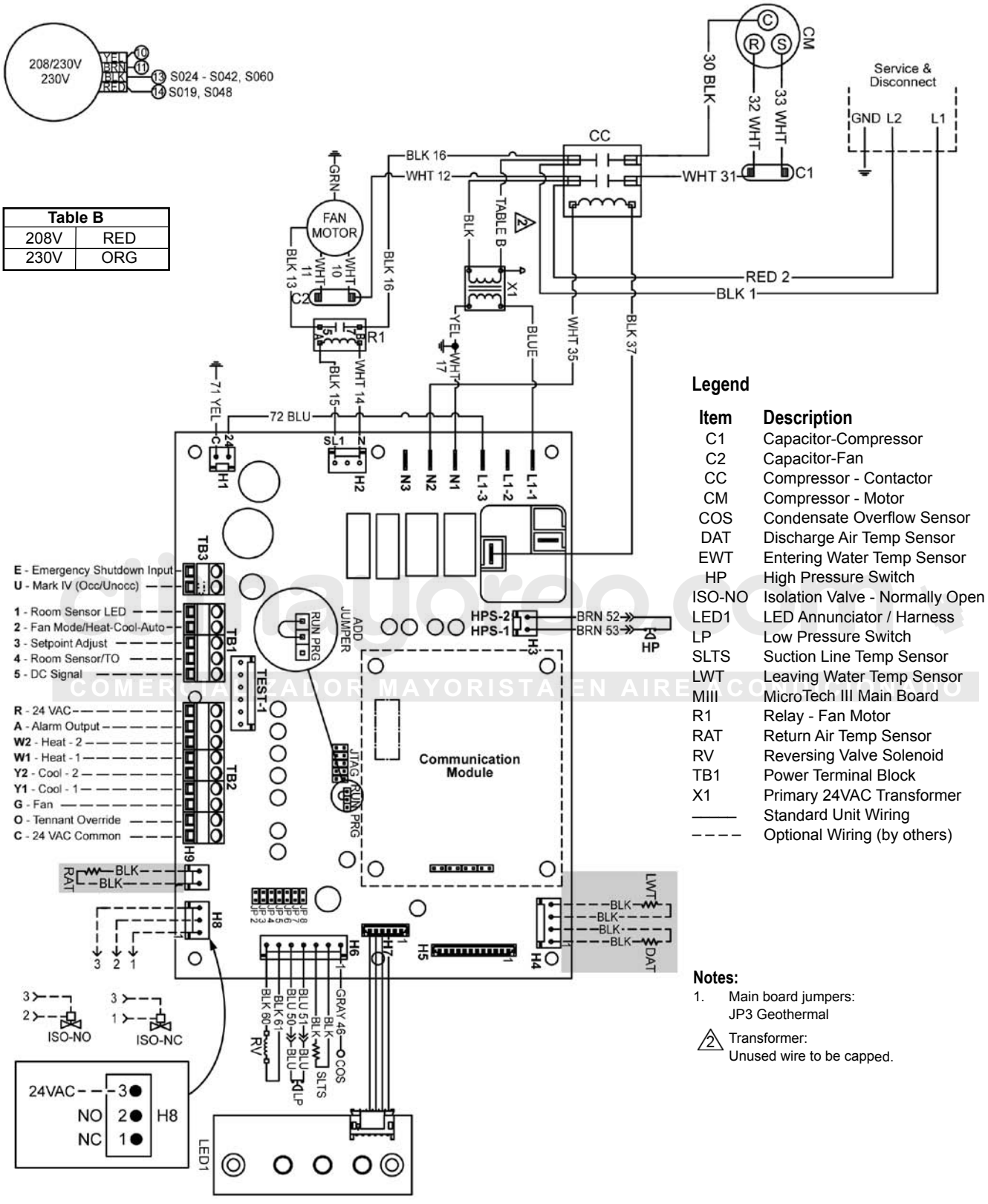


Table B	
208V	RED
230V	ORG

Legend

Item	Description
C1	Capacitor-Compressor
C2	Capacitor-Fan
CC	Compressor - Contactor
CM	Compressor - Motor
COS	Condensate Overflow Sensor
DAT	Discharge Air Temp Sensor
EWT	Entering Water Temp Sensor
HP	High Pressure Switch
ISO-NO	Isolation Valve - Normally Open
LED1	LED Annunciator / Harness
LP	Low Pressure Switch
SLTS	Suction Line Temp Sensor
LWT	Leaving Water Temp Sensor
MIII	MicroTech III Main Board
R1	Relay - Fan Motor
RAT	Return Air Temp Sensor
RV	Reversing Valve Solenoid
TB1	Power Terminal Block
X1	Primary 24VAC Transformer
———	Standard Unit Wiring
– – – –	Optional Wiring (by others)

Notes:

1. Main board jumpers:
   JP3 Geothermal
2. Transformer:
   Unused wire to be capped.

Note: *The gray tinted areas in the wiring diagram; Leaving Water (LWT), Discharge Air (DAT) and Return Air (RAT) Temperature sensors are shipped or are field installed on units configured with a communication module.*
**Wiring diagrams are typical. For the latest drawing version refer to the wiring diagram located on the inside of the controls access panel of the unit.*

MicroTech III Unit Controller with PSC Motor – 208/230/460/575-60-3
Unit Sizes 024-060

Drawing No. 668991202

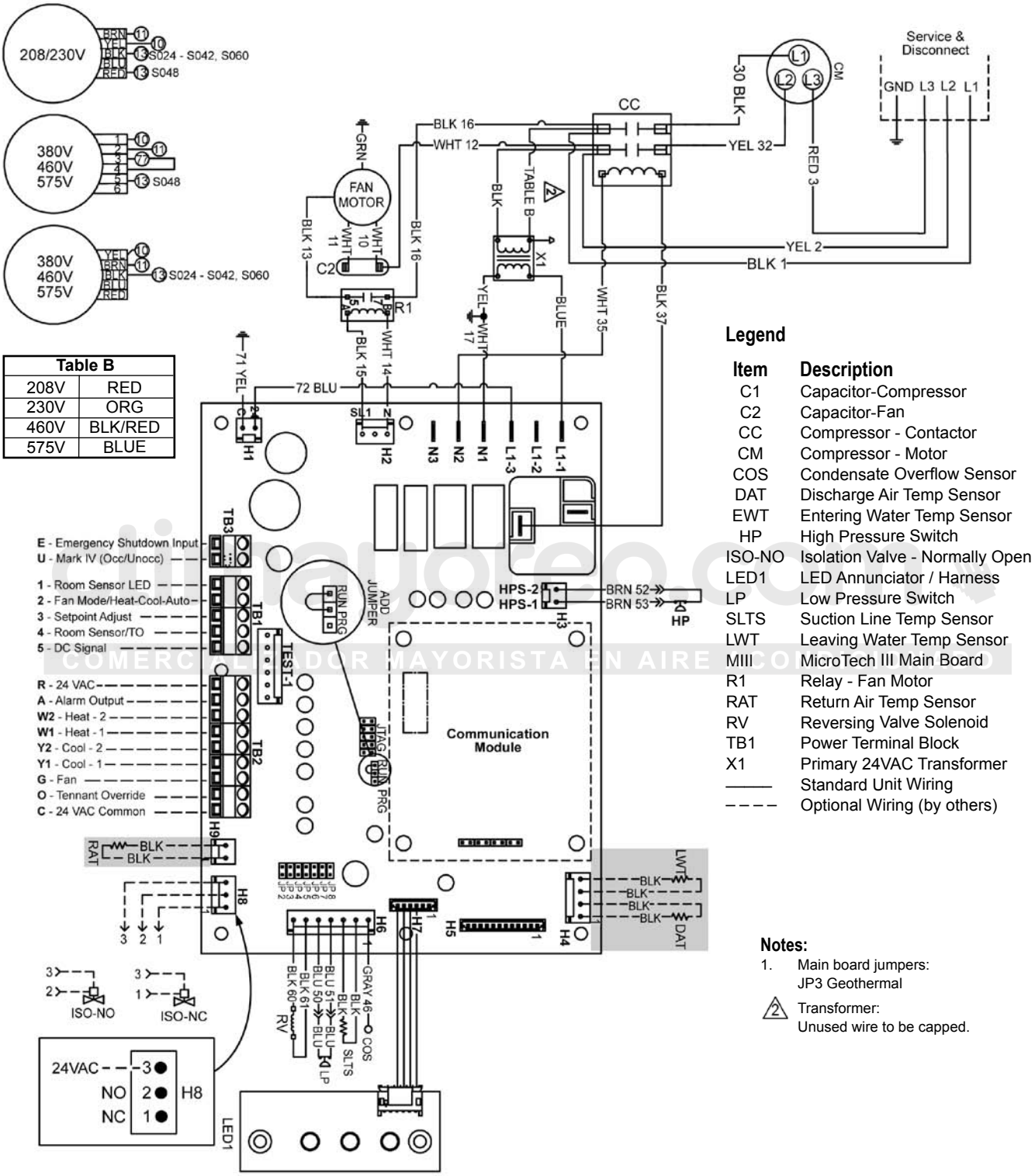


Table B	
208V	RED
230V	ORG
460V	BLK/RED
575V	BLUE

Legend

Item	Description
C1	Capacitor-Compressor
C2	Capacitor-Fan
CC	Compressor - Contactor
CM	Compressor - Motor
COS	Condensate Overflow Sensor
DAT	Discharge Air Temp Sensor
EWT	Entering Water Temp Sensor
HP	High Pressure Switch
ISO-NO	Isolation Valve - Normally Open
LED1	LED Annunciator / Harness
LP	Low Pressure Switch
SLTS	Suction Line Temp Sensor
LWT	Leaving Water Temp Sensor
MIII	MicroTech III Main Board
R1	Relay - Fan Motor
RAT	Return Air Temp Sensor
RV	Reversing Valve Solenoid
TB1	Power Terminal Block
X1	Primary 24VAC Transformer
———	Standard Unit Wiring
– – – –	Optional Wiring (by others)

Notes:

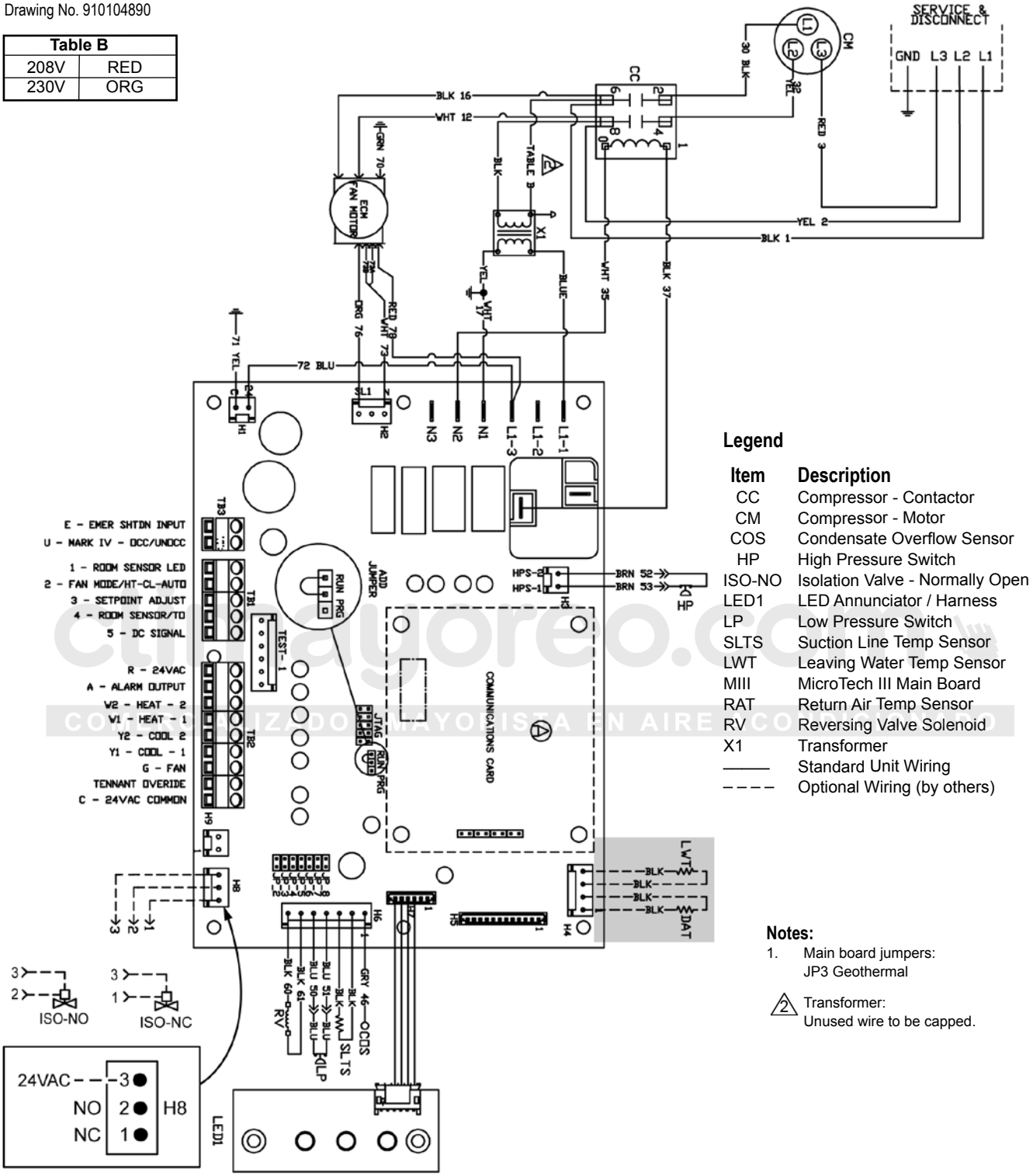
1. Main board jumpers:
   JP3 Geothermal
2. Transformer:
   Unused wire to be capped.

Note: *The gray tinted areas in the wiring diagram; Leaving Water (LWT), Discharge Air (DAT) and Return Air (RAT) Temperature sensors are shipped or are field installed on units configured with a communication module.*
**Wiring diagrams are typical. For the latest drawing version refer to the wiring diagram located on the inside of the controls access panel of the unit.*

MicroTech III Unit Controller with ECM Motor – 208/230-60-3 Unit Sizes 024-070

Drawing No. 910104890

Table B	
208V	RED
230V	ORG



Legend

Item	Description
CC	Compressor - Contactor
CM	Compressor - Motor
COS	Condensate Overflow Sensor
HP	High Pressure Switch
ISO-NO	Isolation Valve - Normally Open
LED1	LED Annunciator / Harness
LP	Low Pressure Switch
SLTS	Suction Line Temp Sensor
LWT	Leaving Water Temp Sensor
MIII	MicroTech III Main Board
RAT	Return Air Temp Sensor
RV	Reversing Valve Solenoid
X1	Transformer
———	Standard Unit Wiring
– – – –	Optional Wiring (by others)

Notes:

1. Main board jumpers:
   JP3 Geothermal

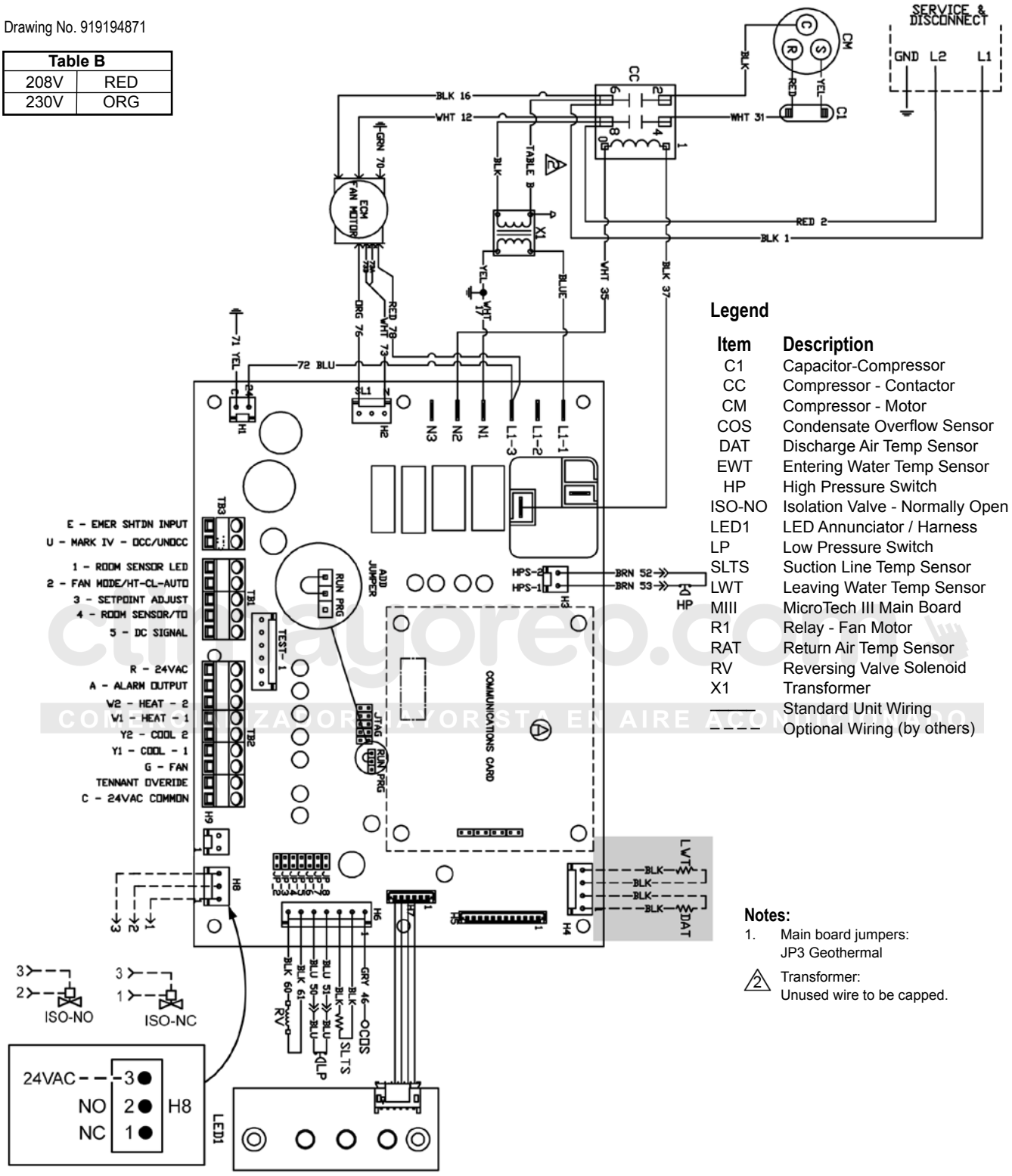
2. Transformer:
   Unused wire to be capped.

Note: *The gray tinted areas in the wiring diagram; Leaving Water (LWT) and Discharge Air (DAT) Temperature sensors are shipped or are field installed on units configured with a communication module.*
**Wiring diagrams are typical. For the latest drawing version refer to the wiring diagram located on the inside of the controls access panel of the unit.*

MicroTech III Unit Controller with ECM Motor – 208/230-60-1 Unit Sizes 015-060

Drawing No. 919194871

Table B	
208V	RED
230V	ORG



Legend

Item	Description
C1	Capacitor-Compressor
CC	Compressor - Contactor
CM	Compressor - Motor
COS	Condensate Overflow Sensor
DAT	Discharge Air Temp Sensor
EWT	Entering Water Temp Sensor
HP	High Pressure Switch
ISO-NO	Isolation Valve - Normally Open
LED1	LED Annunciator / Harness
LP	Low Pressure Switch
SLTS	Suction Line Temp Sensor
LWT	Leaving Water Temp Sensor
MIII	MicroTech III Main Board
R1	Relay - Fan Motor
RAT	Return Air Temp Sensor
RV	Reversing Valve Solenoid
X1	Transformer
_____	Standard Unit Wiring
- - - -	Optional Wiring (by others)

Notes:

1. Main board jumpers: JP3 Geothermal
2. Transformer: Unused wire to be capped.

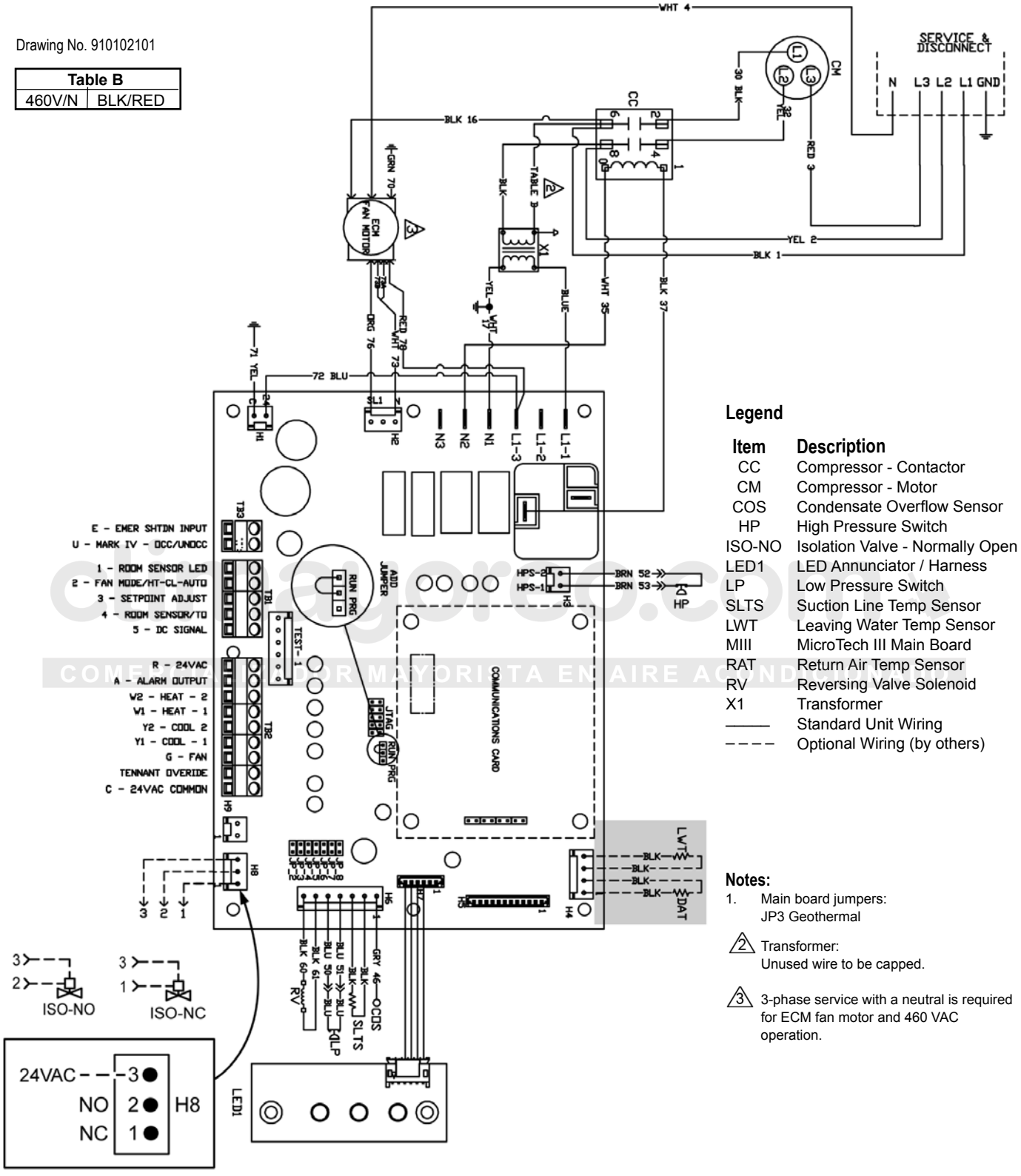
Note: *The gray tinted areas in the wiring diagram; Leaving Water (LWT) and Discharge Air (DAT) Temperature sensors are shipped or are field installed on units configured with a communication module.*

**Wiring diagrams are typical. For the latest drawing version refer to the wiring diagram located on the inside of the controls access panel of the unit.*

MicroTech III Unit Controller with ECM Motor and Optional Communication Module – 460-60-3 Unit Sizes 024-070

Drawing No. 910102101

Table B	
460V/N	BLK/RED



Legend

Item	Description
CC	Compressor - Contactor
CM	Compressor - Motor
COS	Condensate Overflow Sensor
HP	High Pressure Switch
ISO-NO	Isolation Valve - Normally Open
LED1	LED Annunciator / Harness
LP	Low Pressure Switch
SLTS	Suction Line Temp Sensor
LWT	Leaving Water Temp Sensor
MIII	MicroTech III Main Board
RAT	Return Air Temp Sensor
RV	Reversing Valve Solenoid
X1	Transformer
———	Standard Unit Wiring
– – – –	Optional Wiring (by others)

Notes:

1. Main board jumpers:
   JP3 Geothermal

2. Transformer:
   Unused wire to be capped.

3. 3-phase service with a neutral is required for ECM fan motor and 460 VAC operation.

Note: *The gray tinted areas in the wiring diagram; Leaving Water (LWT) and Discharge Air (DAT) Temperature sensors are shipped or are field installed on units configured with a communication module.*
**Wiring diagrams are typical. For the latest drawing version refer to the wiring diagram located on the inside of the controls access panel of the unit.*

General

Units shall be supplied completely factory assembled, piped, internally wired, fully charged with [R-410A, horizontal unit sizes 007-070] and capable of operation with an entering water temperature range from [55°F to 110°F on models CCH] [30° to 110°F (-6.7°C to 49°C) on models CCW]. All equipment must be rated and certified in accordance with ARI / ISO 13256-1, ETL, ETL and have correct ARI / ISO and ETL labels mounted on side of the cabinets. Each unit shall be run tested at the factory. The installing contractor shall be responsible for furnishing and installing Daikin Water Source Heat Pumps as indicated on the plans and per installation instructions.

Casing and Cabinet

The cabinet shall be fabricated from heavy gauge G-60 galvanized sheet metal with interior surfaces lined with 1/2-inch thick, 1-1/2 lb. [1/2" thick coated glass fiber insulation] [3/8" thick closed-cell non-fibrous Rubatex IAQ insulation]. The insulation shall 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 fiberglass shall be coated and have exposed edges tucked under flanges to prevent the introduction of glass fibers into the air stream. All insulation must meet NFPA 90A requirements.

Units shall be configured in one of the following airflow arrangements:

- Left Return/End Discharge
- Left Return/Straight Discharge
- Right Return/End Discharge
- Right Return/Straight Discharge

Units shall have a factory-installed 1" duct flange on the discharge of the blower and must have a minimum of two access panels, one for the compressor compartment and one for the blower compartment. Unit shall have an insulated panel separating the blower compartment from the compressor compartment. Units are to ship with heavy metal brackets, rubber isolators, fasteners and washers to suspend and isolate the unit from the building.

Cabinets shall have separate openings and knockouts for entrance of line voltage and low voltage control wiring. Supply and return water connections shall be brass FPT fittings and shall be securely mounted flush to the cabinet corner post allowing for connection to a flexible hose without the use of a back-up wrench. Unit shall have a high-density polyethylene plastic “dual-sloped” drain pan with a drain connection being flush mounted to the unit casing. It is the installing contractor’s responsibility to provide sufficient clearance so that units can be easily removed for servicing.

Filter Rack and Filters

Unit shall have a 1" (25 mm thick [throwaway] construction filter and a 1" factory-installed combination filter rack/return air duct collar. The filters shall be removable from either side of the unit.

Unit shall have a 2" (51mm) thick construction filter factory installed when the user selects an optional 2" filter rack/return air duct collar. The 2" filter rack is design to accommodate a 2" pleated filter and access shall be achieved without a tool.

Refrigerant Circuit

Units shall have a sealed refrigerant circuit, which includes a non-CFC depleting R-410A refrigerant [rotary (sizes 007-015), reciprocating (sizes 019-024) and scroll compressor (sizes 030 to 070)]. In addition each unit will have a thermostatic expansion valve, an aluminum fin and rifled copper tube refrigerant-to-air heat exchanger, a reversing valve and a water-to-refrigerant coaxial heat exchanger. The coaxial coils shall be made of [copper] [or optional cupronickel] and shall be deeply fluted to enhance heat transfer and minimize fouling and scaling. The coaxial coil shall have a working pressure of 400 psig on the waterside of the unit and 600 psig on the refrigerant side for all R-410A units.

Refrigerant metering shall be regulated by a thermostatic expansion valve (TXV) only. Reversing valve shall be four-way solenoid activated refrigerant valve, which fails in the cooling “dominant” operation. Safety controls include a high-pressure switch, a low-pressure switch (sizes 015 to 070 only) and a low refrigerant temperature sensor. Refrigerant gauge access fittings shall be factory installed on high and low pressure refrigerant lines to facilitate field service. Activation of any safety switch shall prevent the compressor from operating. Units shall be capable of being reset only by interrupting the power supply to the unit. Unit shall not be able to be reset from the wall thermostat.

Drain Pan

The condensate pan shall be constructed of high impact IAQ, ABS plastic to prevent corrosion and sweating. The bottom of the drain pan shall be sloped on two planes to provide complete drainage of water from the pan. The water source heat pump unit shall be supplied with standard solid-state electronic condensate overflow protection.

Fan and Motor Assembly

Unit sizes 007-070 shall have a direct drive centrifugal fan. The fan housing shall have a removable orifice ring to facilitate fan motor and fan wheel removal. The fan housing shall protrude through the cabinet to facilitate field supply duct connection. The standard fan motor shall be PSC type isolated from the fan housing and shall have internal thermal overload protection.

Units above one ton shall have a terminal strip mounted on the fan motor to facilitate motor speed change. The fan and motor assembly must be capable of overcoming the external static pressures as shown on the schedule. An ECM motor shall be optional for unit sizes 019 thru 060 and standard for unit size 070. The ECM motor shall deliver precise speed and economical performance regardless of system static pressure.

Electrical

A 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 (optional) 75VA transformer and a terminal block for low voltage field wiring connections. Unit shall be name-plated to accept time delay fuses or HACR circuit breaker for branch over-current protection of the power source. Unit control system shall provide heating or cooling as required by the set points of the wall thermostat. The unit control scheme shall provide for fan operation simultaneous with compressor operation (fan interlock) regardless of the thermostat type. The unit shall be capable of 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 switches. An optional 75VA transformer may be necessary.

Solid-State Control System

MicroTech III Control System - Unit shall have a microprocessor- based control system. The unit control logic shall provide heating and cooling operation as required by the wall thermostat set point. The control system shall provide the following for stand-alone operation:

1. The use of standard non-programmable or programmable wall thermostats.
2. Fan operation simultaneous with the compressor (fan interlock) regardless of thermostat logic.
3. Time delay compressor operation.
4. Compressor short cycle protection of a minimum between 300 to 360 seconds before restart is possible.
5. Random unit start-up after coming off on unoccupied mode or after initial power up.
6. Single grounded wire connection for activation of the unoccupied or unit shutdown modes.
7. Night setback temperature setpoint input signal from the wall thermostat.
8. Override signal from wall thermostat to override unoccupied mode for 2 hours.
9. Brownout protection to suspend unit operation if the supply voltage drops below 80% of normal.
10. Condensate overflow protection to suspend cooling or dehumid operations in an event of a full drain pan.
11. Suspended compressor operation upon activation of the refrigerant pressure switch(es).
12. Cooling operation activated for 60 seconds upon activation of the low suction temperature - defrost cycle.
13. Method of defeating compressor, reversing valve and fan time delays for fast service diagnostics.
14. Remote reset - Provides means to remotely reset automatic lock-outs generated by high/low pressure faults and/or low temperature faults.
15. Fault Retry clears faults the 1st two times they occur within a 24-hour period and triggers automatic lock-out on 3rd fault.

MicroTech® III Control with LonWorks® Communication Module – Unit shall have a microprocessor-based control system. The unit control logic shall communicate over a LonMark communications network. The unit controller is factory programmed [LonMark ® 3.4 certified Application Code the current standard for new applications] 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 LonMark communications network. Units with the MicroTech III and LonWorks communication module 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 sensor.

Microtech III Control w/ 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 III 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 III 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.

Each communicating unit controller performs the following unit operations:

- Enable heating and cooling to maintain space temperature set point at the room sensor
- Enable fan and compressor operation
- Monitor all safety controls
- Monitor discharge and return air temperature
- Monitor leaving water temperature
- Relay status of all vital unit functions
- Support optional control outputs

Unit mounted LED annunciators aid in diagnosing unit operation by indicating the water source heat pump operating mode and alarm conditions. If there are no current alarm conditions, the annunciator board will indicate normal unit operating mode. If an alarm condition exists, the Microtech III unit controller will send the fault condition to the LED annunciator, which will assist in troubleshooting the unit. Heat pumps with the MicroTech III Unit Controller with a LonWorks Communication Module is designed to be linked with a centralized Building Automation System (BAS) through a LonMark communications network for centralized scheduling and management of multiple heat pumps.

Wall-mounted room sensors are available to control the heating and cooling operation of each MicroTech III Water Source Heat Pump.

Available room sensors include:

- Room Sensor with timed override button and LED;
- Room temperature sensor with timed-override button and set point adjustment (55 to 95 deg F);
- Room sensor with timed-override button and set point adjustment (-3 to +3 deg F);
- Room sensor (no options, sensor only).

Warranty

An optional 4-year extended compressor warranty covers the compressor for 5 years from the date at which the unit ships from the factory.

An optional 4-year extended refrigeration circuit warranty covers the entire refrigeration circuit and related components for 5 years.

Field Installed Accessories

Wall Thermostat Options

- Programmable Electronic Thermostat Two-stage heat/ Two-stage cool, 7-day programmable. Subbase shall have system "Mode/Prog" and fan "Auto/On" switches. Thermostat shall have the option of an Optional Remote Sensor.
- Non-programmable, auto or manual changeover Two-stage heat/Two-stage cool, night setback override. Subbase shall have system "Cool/Off/Heat/Auto" and fan "Auto/On switches. Thermostat shall have the option of an Optional Remote Sensor.

Wall Temperature Sensor Options:

- Wall Sensor with timed-override button.
- Wall Sensor with timed-override button and set point adjustment (55 to 95 deg F), fan mode switch (auto/on), operational mode button (Heat/Cool/Auto) and status LED to display fault condition.
- Wall Sensor with timed-override button and set point adjustment (-3 to +3 deg F), fan mode switch (auto/on), operational mode button (Heat/Cool/Auto) and status LED to display fault condition.

Hose Kits:

Two fire-rated flexible hoses with ASTM ratings of Flame Spread 25, Fuel Contribution 25 and Smoke Density 50 for connection to unit and field piping. Hose shall be covered with stainless steel braiding to prevent damage.

Valve Options:

- Combination balancing and shutoff valve with adjustable memory stop.
- Optional 2-way, Normally Open (N.O.) or Normally Closed (N.C.) motorized valves.

Automatic Flow Hose Kit:

The automatic flow hose kit shall include an automatic flow control valve, two ball valves, two flexible hoses, a high flow Y-strainer, and may include a strainer blow-down and various other accessories. The automatic flow control valve shall be factory set to a rated flow, and shall automatically control the flow to within 10% of the rated value over a 40 to 1 differential pressure, operating range (2 to 80 PSID). Operational temperature shall be rated from fluid freezing, to 225°F. The valve body shall be constructed from hot forged brass UNS C37700 per ASTM B-283 latest revision.

Capacity Table Legend:

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

◀ BACK TO Capacity Data Tables beginning on page 34.

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Warranty

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Aftermarket Services

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