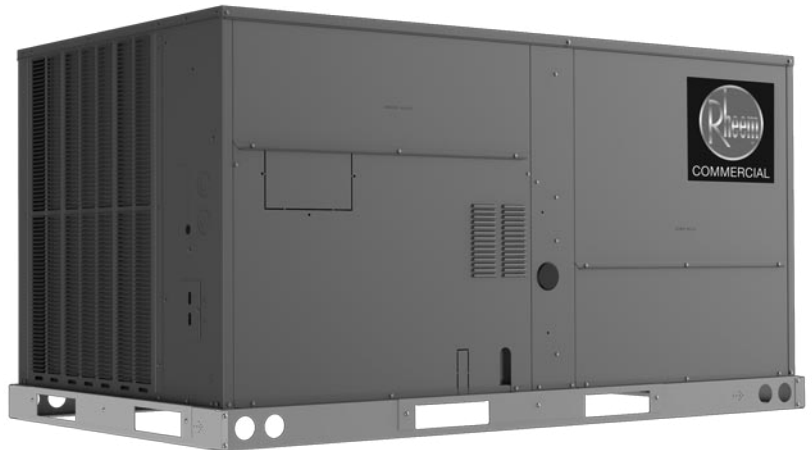




Package Heat Pumps
RHPC Series

The new degree of comfort.™

Commercial Renaissance™ Line Package Heat Pumps



RHPCZT Commercial Prestige® Series

Nominal Size 6 Tons

ASHRAE 90.1 2016 Compliant Models

RHPCZR Commercial Classic® Series

Nominal Sizes 3, 4 & 5 Tons

ASHRAE 90.1 2016 Compliant Models

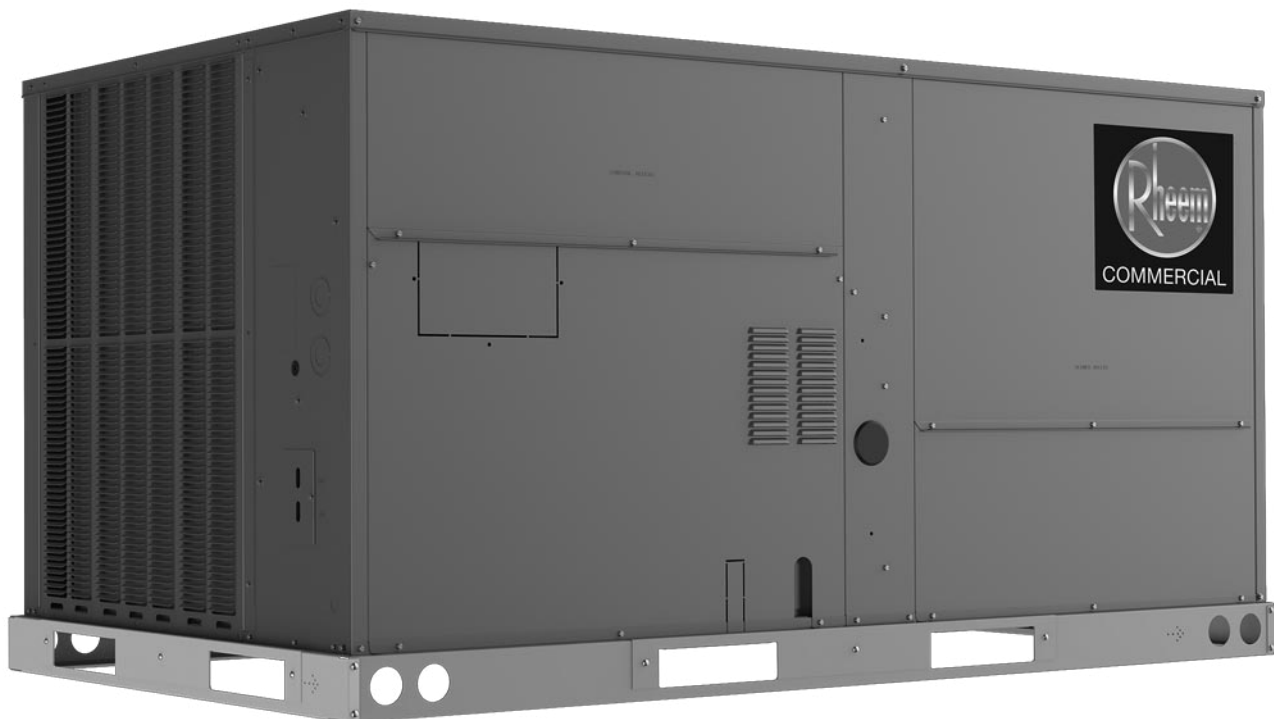


INTEGRATED AIR & WATER

FORM NO. P11-820 REV. 1

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RHPC STANDARD FEATURES INCLUDE:

- Factory charged with R-410A HFC refrigerant
- Wired and run tested
- Scroll compressors with internal line break overload and high pressure protection
- Convertible airflow – vertical down flow or horizontal side flow
- Forkable base rails for easy handling and lifting
- Cooling operation up to 125°F ambient
- MicroChannel evaporator and condenser coil
- PlusOne® ServiceSmart package includes:
 - Qwik-Change Flex-Fit Rack™
 - Qwik-Slide Blower Assembly™
 - Qwik-Clean Drain Pan™
- Over-flow condensate sensor
- PlusOne® Diagnostics with Dual 7-Segment LED Display to meet code compliance
- One-piece top cover and base pan with drawn supply and return opening
- Two-piece control door
- ¼ turn fasteners on filter access door
- Color-coded and labeled wiring
- External lockable gauge ports
- TXV refrigerant metering system
- Solid-core liquid line filter drier
- High pressure and low pressure/loss of charge protection with built-in Smart Logic
- Insulation encapsulated throughout entire unit
- New product footprint with matching connections
- Improved factory lead times



FACTORY INSTALLED OPTIONS:

- Louvered panels
- Hinged access doors
- Low ambient/freeze stat
- Powered convenience outlet
- Non-powered convenience outlet
- Economizer (Title 24 and ASHRAE 90.1 2016 compliant)
- Supply smoke detector
- Return smoke detector
- ElectroFin® E-Coat for Microchannel Condenser Coil Coating
- ClearControl™ Direct Digital Control (DDC)
- Comfort Alert Phase-monitor Protection
- Vertical Economizer

FIELD INSTALLED ACCESSORIES:

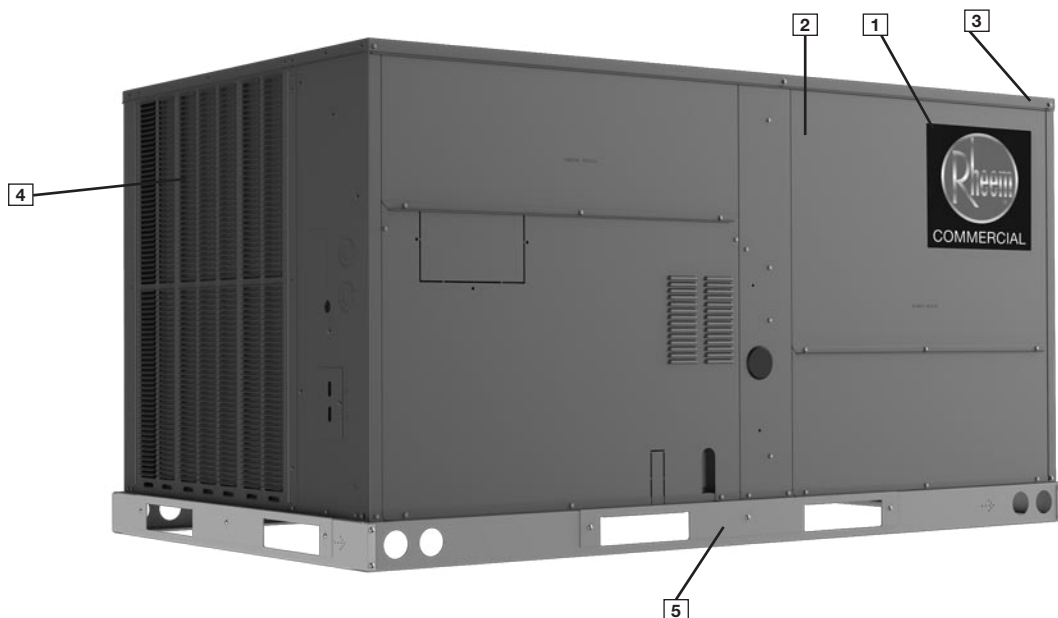
Accessory	Model Number	Factory Installation Available?
Economizer w/Single Enthalpy (Downflow/Vertical)	RXRD-01MCDAM3	Yes
Economizer w/Single Enthalpy (Horizontal)	RXRD-01MCHAM3	No
Economizer-w/Single Enthalpy (Downflow/Vertical) DDC	RXRD-01MCDBM3	Yes
Economizer w/Single Enthalpy (Horizontal) DDC	RXRD-01MCHBM3	No
Dual Enthalpy Kit	RXXR-BV01	No
Dual Enthalpy Kit DDC	RXXR-BV02	No
Power Exhaust (230V) Vertical	RXXR-CCF02C	No
Power Exhaust (460V) Vertical	RXXR-CCF02D	No
Power Exhaust (230V) Horizontal	RXXR-CCF03C	No
Power Exhaust (460V) Horizontal	RXXR-CCF03D	No
Manual Fresh Air Damper	RXRF-ACA1	No
Motorized Fresh Air Damper	RXRF-ACB1	No
Roofcurb, 14"	RXKG-DCC14	No
Roofcurb, 24"	RXKG-DCC24	No
Roofcurb Adapter	RXXR-DCCAE	No
Concentric Diffuser 3-4 Ton Flush	RXRN-AEF1800	No
Concentric Diffuser 5-6 Ton Flush	RXRN-AEF2000	No
Concentric Diffuser 3-4 Ton Drop	RXRN-AED1800	No
Concentric Diffuser 5-6 Ton Drop	RXRN-AED2000	No
Concentric Adapter 3-4 Ton Drop	RXMC-DC01	No
Concentric Adapter 5-6 Ton Drop	RXMC-DC02	No
Outdoor Coil Louver Kit	RXXR-ADD04C	Yes
Nonpowered Convenience Outlet	RXXR-BN01	Yes
Unfused Service Disconnect	RXXR-BP01	Yes
Comfort Alert (1 Phase) DDC	RXXR-AZ03	Yes

Accessory	Model Number	Factory Installation Available?
Comfort Alert (1 Phase) Non-DDC	RXXR-AZ04	Yes
Comfort Alert (3 Phase) DDC	RXXR-AZ01	Yes
Comfort Alert (3 Phase) Non-DDC	RXXR-AZ02	Yes
Carbon Dioxide Sensor (Wall Mount)	RXXR-AR02	No
BACnet Communication Card	RXXR-AY01	No
LonWorks Communication Card	RXXR-AY02	No
Room Humidity Sensor	RHC-ZNS4	No
Room Temperature and Relative Humidity	RHC-ZNS5	No
Low-Ambient Control Kit	RXRZ-A04	Yes
Freeze Stat Kit	RXXR-AM05	Yes
Return Smoke Detector (Field kit)	RXXR-BS01	No
Return/ Supply Smoke Detector (Field kit)	RXXR-BS02	No
Electric Heater Kits	RXJJ-DC10JT	Yes
	RXJJ-DC15JT	Yes
	RXJJ-DC20JT	Yes
	RXJJ-DC10CP	Yes
	RXJJ-DC15CP	Yes
	RXJJ-DC20CP	Yes
	RXJJ-DC24CP	Yes
	RXJJ-DC10DNV	Yes
	RXJJ-DC15DNV	Yes
	RXJJ-DC20DNV	Yes
	RXJJ-DC24DNV	Yes
Single Point Wiring Kits	RXJX-AJ0601 (Single Phase)	No
	RXJX-AZ0601 (Three Phase)	No





Air

Unit Features & Benefits
RHPC Series

Cabinet and Foundation

Outwardly, the large *Rheem® Commercial Series* label ([1]) identifies the brand to the customer. The sheet-metal cabinet ([2]) uses 18-gauge material for structural components with an under coat of G90. To ensure the leak-proof integrity of these units, the design utilizes a one-piece top with a 1/8" drip lip ([3]) as well as gasket-protected panels and screws. The Rheem hail guard (optional) ([4]) sets the standard for coil protection in the industry. Electro deposition, baked-on enamel that is tested to withstand a rigorous 1000-hour salt spray test, per ASTM B117.

Anything built to last must start with the right foundation. Following that model, the foundation is comprised of 14-gauge, commercial-grade, full perimeter base rails ([5]) that integrate fork slots and rigging holes to save set-up time on the job site.

Easy Installation

The Renaissance line is designed to simplify the installation and replacement process with a new footprint that matches existing airflow inlets, outlets and electrical connections to commonly used curb configurations in the market today.

Base Pan

The base pan is stamped to form a 7/8" flange around the supply and return cover, which eliminates the worry of water entering the conditioned space ([6]). All insulation is secured with both adhesive and mechanical fasteners, and all edges are hidden.



Drain Pan

The Qwik-Clean Drain Pan™ ([7]) is made from a composite material that resists the growth of harmful bacteria. With both side and center drain options, the drain pan slides out completely for easy cleaning. It also features a standard overflow switch.



Test Standards

During development, each unit was tested to U.L. 1995, AHRI 210-240, as well as other Rheem-required reliability tests. Rheem adheres to stringent ISO 9001 quality procedures, and each unit bears the U.L. and AHRI certification labels located on the unit nameplate. Contractors can be assured that when a Rheem package unit arrives at the job, it is ready to go with a factory charge and quality checks. Each unit also proudly displays the "Made in the USA" designation.

Easy Access

All major compartments are easily accessible from the front of the unit: the electrical compartment, blower compartment, heating section, and outdoor section. Each compartment has mechanical fasteners. Panels are permanently embossed with the compartment name (e.g. control/filter access, blower access, and electric heat access). The filter compartment is accessed through a large, mechanically fastened panel. Information is readily available on the outside of the panel, with a nameplate that contains the model and serial numbers, electrical data, and other important unit information. Hinged access is available as an option for the electrical, blower, and filter compartments.

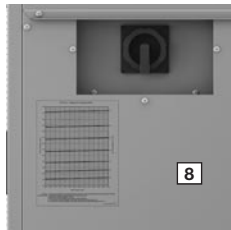


INTEGRATED AIR & WATER



Charging Charts, Wiring Diagrams, & Labels

The unit charging chart is located on the outside of the compressor access panel. Electrical wiring diagrams are found on the control box cover, which allows contractors to move them to more readable locations. The model and serial numbers are located on the right of the control box. Having this information on the inside means easier model identification for the life of the product. The production line quality test assurance label is also placed in this location ([8]).



Filter Rack

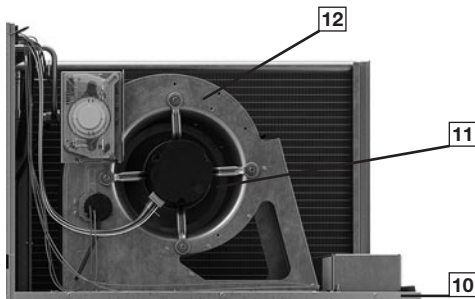
Located within the filter compartment, the Qwik-Change Flex-Fit Rack™ ([9]) allows easy changeover between 2" and 4" standard size and readily available filters.



Blower Assembly

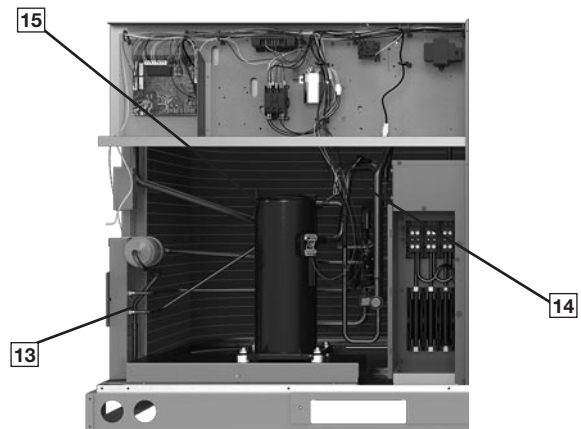
Removing three screws provides full access to the blower compartment. Inside, the Qwik-Slide Blower Assembly™ ([10]) is incredibly easy to access and remove. This makes servicing internal components such as blower motor, TXV, and microchannel coil much easier. The entire assembly slides out by removing the 3/8" screws from the blower retention bracket.

Where the demands for the job require high static, Rheem offers drives ([11]) that deliver nominal airflow up to 1.5" of static. By referring to the airflow performance tables listed in the installation instructions, proper static pressure and CFM requirements can be dialed in. The scroll housing ([12]) and blower scroll provide quiet and efficient airflow.



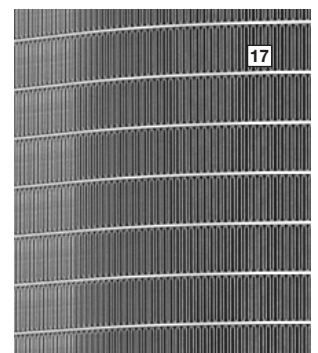
High and Low Pressure Switches & Freeze Stat

High pressure ([13]) and low pressure ([14]) switches are standard. They are located in the outdoor section along with the low-ambient control ([15]). The optional Freeze Stat ([16]) (standard on models with ClearControl), is clipped onto the suction line in the blower compartment. The low ambient control allows the compressor to operate down to 0 degrees ambient temperature by cycling the outdoor fans on high pressure. The high-pressure switch shuts off the compressors if pressures exceeding 610 PSIG are detected. The low-pressure switch shuts off the compressors if low pressure is detected due to loss of charge. Built-in Smart Logic reduces nuisance calls by only shutting off compressors after the third detection. The freeze stat protects the compressor if the evaporator coil gets too cold (below freezing) due to low airflow.



MicroChannel Evaporator & TXV

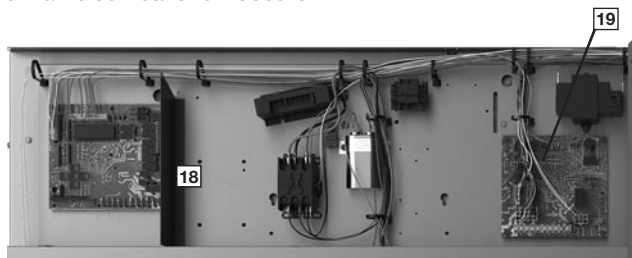
The Microchannel Evaporator ([17]) is accessible through the blower compartment, and through the filter rack, to simplify cleaning. The evaporator uses microchannel technology for maximum heat transfer, light weight, fewer manually brazed connections and reduced refrigerant charge. The TXV metering device maintains superheat over a wide range of varying temperatures optimizing unit performance for all conditions.





Control Box

Inside the control box (18), each electrical component is clearly labeled; that label matches the component to the wire diagram for ease of trouble shooting. All wiring is numbered on each end of the termination and is color-coded to match the wiring diagram. The CoreCommand, incorporates the PlusOne Diagnostics: Dual 7-Segment LED Display (19) with easy-to-understand fault codes. The control transformer has a low voltage circuit breaker that trips if an electrical short occurs.



ClearControl™

The optional ClearControl™ system consisting of a rooftop unit controller, temperature sensors, and pressure sensors, allows real-time monitoring and communication between rooftop units. The Rooftop Unit Controller (RTU-C) that is factory mounted and wired into the control panel. The RTU-C is a solid-state, micro-processor-based control board that provides flexible control and extensive diagnostics for all unit functions. The RTU-C, using proportional/integral control algorithms, performs specific unit functions that govern unit operation in response to zone conditions, system temperatures, system pressures, ambient conditions, and electrical inputs. The RTU-C features a 16 x 2 character LCD display and a five-button keypad for local configuration and direct diagnosis of the system (20). Features include a clogged filter switch (CFS), fan proving switch (FPS), return air temperature sensor (RAT), discharge air temperature sensor (DAT), and outdoor air temperature sensor (OAT). Freeze sensors (FS) are used in place of freeze stats to allow measurement of refrigerant suction line temperatures.

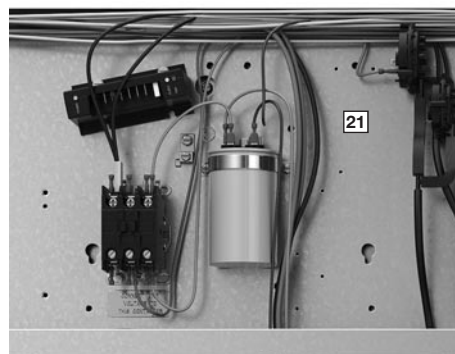


The RHPC Cooling only with the RTU-C is specifically designed to be applied in four distinct applications:

- 1. BACnet Communication** — The RHPC is compatible with a third party building management system that supports the BACnet Application Specific Controller device profile, with the use of a field installed BACnet Communication Module. The BACnet Communication Module plugs onto the unit RTU-C controller and allows communication between the RTU-C and the BACnet MSTP network. A zone sensor, a BACnet network zone sensor, a BACnet thermostat, or DDC controller may be used to send the zone temperature or thermostat demands to the RTU-C. The BACnet Communication Module is compatible with MSTP EIA-485 daisy chain networks communicating at 38.4 bps. It is compatible with twisted pair, shielded cables.
- 2. LonWorks Communication** — The RHPC is compatible with a third party building management system that supports the LonMark Space Comfort Controller (SCC) functional profile or LonMark Discharge Air Controller (DAC) functional profile. This is accomplished with a field installed LonMark communication module. The LonMark Communication Module plugs onto the RTU-C controller and allows communication between the RTU-C and a LonWorks network. A zone sensor, a LonTalk network zone sensor, or a LonTalk thermostat or DDC controller may be used to send the zone temperature or thermostat demands to the RTU-C. The LonMark Communication Module utilizes an FTT-10A free topology transceiver communicating at 78.8 kbps. It is compatible with Echelon qualified, twisted pair cable, Belden 8471, or NEMA Level 4 cables. The module can communicate up to 1640 feet with no repeater. The LonWorks limit of 64 nodes per segment applies to this device.
- 3. 24V Thermostat Compatibility** — The RHPC is compatible with a programmable 24 volt thermostat. Connections are made via conventional thermostat screw terminals. Extensive unit status and diagnostics are displayed on the LCD screen of the RTU-C.
- 4. Zone Sensor Compatibility** — The RHPC is compatible with a zone sensor and a mechanical or solid state time clock connected to the RTU-C. Extensive unit status and diagnostics are displayed on the LCD screen of the RTU-C.

ComfortAlert®

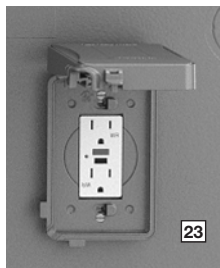
A factory or field installed Comfort Alert® (21) module is available for power phase-monitoring protection and additional compressor diagnostics. The alarms can be displayed on the RTU-C display, through the (BAS) network, or connected to the "L-Terminal" of a thermostat for notification.





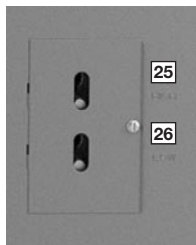
Convenience Outlet, Disconnect, & Circuit Breaker

For added convenience in the field, factory-installed options of powered and non-powered convenience outlet ([23]). Low and high voltage can enter from the side or through the base. Low-voltage connections are made through the low-voltage terminal strip. For ease of access, the U.L.-required low voltage barrier can be temporarily removed for low-voltage termination and then reinstalled. The high-voltage connection is terminated at the number 1 compressor contactor. The suggested mounting for the field-installed disconnect or circuit breaker is on the exterior side of the electrical control box.



External Lockable Gauge Ports

To the right left of the compressor compartment are the externally mounted lockable gauge ports. They are permanently identified by embossed lettering that identifies the compressor circuit, high pressure connection, ([25]) and low pressure connection ([26]). Because the gauge ports are mounted externally, an accurate diagnostic of system operation can be performed without removing access panels. Brass caps on the Schrader fitting ensure the gauge parts are leak proof.



Compressor

The compressor compartment houses the heartbeat of the unit. The scroll compressor ([30]) is known for its long life and for reliable, quiet, and efficient operation. The suction and discharge lines are designed with shock loops ([31]) to absorb the strain and stress that the starting torque, steady state operation, and shut-down cycle impose on the refrigerant tubing.



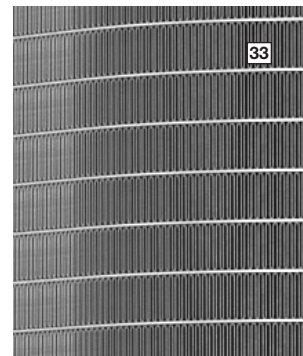
Condenser Fans

The condenser fan motor ([32]) can easily be accessed and maintained through the top of the unit. A down-mount fan provides corrosion protection and easy removal. The polarized plug connection allows the motor to be changed quickly and eliminates the need to snake wires through the unit.



MicroChannel Condenser Technology

The outdoor coil uses the latest microchannel technology ([33]) for the most effective method of heat transfer. The outdoor coil is protected by optional louvered panels, which allow unobstructed airflow while protecting the unit from both the environment and vandalism.



Coil Coating

Every unit offers the option of factory-applied ElectroFin® E-Coat condenser coating ([34]) that delivers superior corrosion resistance for outdoor coils to operate in the harshest of environments.





Economizer and Dampers

Each unit is designed for both down flow or horizontal applications ([35]) for job configuration flexibility. The return air compartment can also contain an economizer. Each unit is pre-wired for the economizer to allow quick, plug-in installation. Available as a factory-installed option, the economizer provides free cooling when outdoor conditions are suitable and also provides fresh air to meet local requirements.

It comes standard with single enthalpy controls, which can be upgraded to dual enthalpy easily in the field. The direct drive actuator combined with gear drive dampers has eliminated the need for linkage adjustment in the field. The economizer control has a minimum position set point, an outdoor-air set point, a mixed-air set point, and a CO₂ set point. Barometric relief is standard on all economizers.



Power Exhaust is easily field-installed. The power exhaust is housed in the barometric relief opening and is easily slipped in with a plugin assembly. The wire harness to the economizer also has accommodations for a smoke detector.

The damper minimum position, actual damper position, power exhaust on/off set point, mixed air temperature limit set point, and Demand Controlled Ventilation (DCV) set point can be read and adjusted at the unit controller display or remotely through a network connection. The Space CO₂ level, mixed air temperature, and Economizer Status (free cooling available, single or dual enthalpy) can be read at the unit controller display or remotely through a network connection. Economizer faults will trigger a network alarm and can be read at the unit controller display or remotely through a network connection.

Roofcurb

The Rheem roofcurb ([36]) is made for tool-less assembly at the jobsite by engaging tabs in slots of adjacent curb sides, which makes the assembly process quick and easy.





R	HP	C	ZR	036	A	C	T	10	2	A	A	***
1	23	4	56	789	10	11	12	13 14	15	16	17	18 19 20

1—Brand

R = Rheem

2, 3—Unit Type

HP = Package HP

4—Cabinet Type

C = Small Commercial

5, 6—Series

ZR = Tier 3 (*Commercial Classic® Series*)

ZT = Tier 1 (*Commercial Prestige® Series*)

7, 8, 9—Capacity

036 = 3 Ton

048 = 4 Ton

060 = 5 Ton

072 = 6 Ton

10—Major series

A

11—Voltage

J = 1 phase 208-230/60

C = 3 phase 208-230/60

D = 3 phase 460/60

12—Drive

T = Direct Drive Standard Static
Constant Torque

U = Direct Drive High Static
Constant Torque

13, 14—Heat Capacity

00 = No Heat

10 = 10 kw

15 = 15 kw

20 = 20 kw

24 = 24 kw

15—Heat Configuration

1 = 1-stage

2 = 2-stage

16—Control

A = Non communicating

B = Comfort Alert/Phase Monitor

C = Clear Control

D = Clear Control & Comfort Alert

17—Minor series

A

18, 19, 20—Option Code

See next page

FACTORY INSTALLED OPTION CODES FOR RHPC (3 TO 6 TON)

18					19					20				
LV = Louver protection					LF = Low Ambient / Freeze Stat					EC = Economizer				
RH = ReHeat										SS = Supply and Return Smoke Detector				
HA = Hinged Access					NP = Non-powered Convenience Outlet					RS = Return Smoke Detector				
CC ² = Coil Coating														
Option code character highlighted below					Option code character highlighted below					Option code character highlighted below				
A	None				A	None				0	None			
B	LV				B	LF				1	EC			
C	HA				C	NP				2	RS			
D	LV	HA			D	LF	NP			3	EC	RS		
E	LV	CC			E					4	SS	RS		
F	LV	HA	CC		F					5	EC	SS	RS	
G	RH				G	Future Use								
H	LV	RH			H									
J	RH	HA			J	Future Use								
K	LV	RH	CC		K	LF	NP	DC						
L	LV	RH	HA		L									
M	LV	RH	HA	CC	M									
					N									
					P									
					Q		PC							
					R									

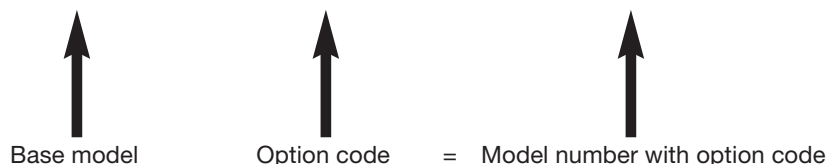
²CC-requires LV (louver protection)

Instructions for Factory Installed Option(s) Selection

Note: Three characters following the model number will be utilized to designate a factory-installed option or combination of options. If no factory option(s) is required, "AAO" follows the model number.

- **Step 1:** In the table above, based on the desired features, choose option code character from highlighted options on the left side under the number 18. For example, the option code character "E" has Louver protection and Coil Coating.
- **Step 2:** In the table above, based on the desired features, choose option code character from highlighted options on the left side under the number 19. For example, the option code character "F" has Low Ambient / Freeze Stat and Disconnect switch.
- **Step 3:** In the table above, based on the desired features, choose option code character from highlighted options on the left side under the number 20. For example, the option code character "3" has Economizer and Return Smoke.
- The resulting option code from examples above is: "EF3"
- **Step 4:** Add your option code selection to the end of model number

◦ Example: RHPCZR036ACT000AA EF3 = RHPCZR036ACT000AAEF3



NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	036ACT	036ACU	036ADT	036ADU
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1280 [566/604]	1200/1280 [566/604]	1200/1280 [566/604]	1200/1280 [566/604]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,300 [7.71]	26,300 [7.71]	26,300 [7.71]	26,300 [7.71]
Net Latent Capacity Btu [kW]	9,100 [2.67]	9,100 [2.67]	9,100 [2.67]	9,100 [2.67]
Net System Power kW	2.78	2.78	2.78	2.78
Heating Performance (Heat Pumps)				
High Temp. Btuh [kW] Rating	34,400 [10.08]	34,400 [10.08]	34,400 [10.08]	34,400 [10.08]
System Power KW / COP	2.82/3.7	2.82/3.7	2.82/3.7	2.82/3.7
Low Temp. Btuh [kW] Rating	20,000 [5.86]	20,000 [5.86]	20,000 [5.86]	20,000 [5.86]
System Power KW / COP	2.68/2.24	2.68/2.24	2.68/2.24	2.68/2.24
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.48 [1.53]	16.48 [1.53]	16.48 [1.53]	16.48 [1.53]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4600 [2171]	4600 [2171]	4600 [2171]	4600 [2171]
No. Motors/HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP
Motor RPM	820	820	820	820
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	1 1/2	3/4	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]	91 [2580]	91 [2580]	91 [2580]	91 [2580]
Weights				
Net Weight lbs. [kg]	557 [253]	557 [253]	557 [253]	557 [253]
Ship Weight lbs. [kg]	595 [270]	595 [270]	595 [270]	595 [270]

See Page 18 for Notes.

[] Designates Metric Conversions

NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	036AJT	036AJU
Cooling Performance¹		
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	3000/1280 [1416/604]	3000/1280 [1416/604]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,300 [7.71]	26,300 [7.71]
Net Latent Capacity Btu [kW]	9,100 [2.67]	9,100 [2.67]
Net System Power kW	2.78	2.78
Heating Performance (Heat Pumps)		
High Temp. Btuh [kW] Rating	34,400 [10.08]	34,400 [10.08]
System Power KW / COP	2.82/3.7	2.82/3.7
Low Temp. Btuh [kW] Rating	20,000 [5.86]	20,000 [5.86]
System Power KW / COP	2.68/2.24	2.68/2.24
HSPF (Btu/Watts-hr)	8	8
Compressor		
No./Type	1/Scroll	1/Scroll
Outdoor Coil - Fin Type		
Tube Type	Louvered	Louvered
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	25.4 [2.36]	25.4 [2.36]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]
Refrigerant Control	TX Valves	TX Valves
Indoor Coil - Fin Type		
Tube Type	Louvered	Louvered
Tube Size in. [mm] OD	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	11 [1.02]	11 [1.02]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type		
No. Used/Diameter in. [mm]	Propeller	Propeller
Drive Type/No. Speeds	2/24 [609.6]	2/24 [609.6]
CFM [L/s]	Direct/1	Direct/1
No. Motors/HP	8000 [3775]	8000 [3775]
Motor RPM	1 at 1/5 HP	1 at 1/5 HP
Indoor Fan - Type		
No. Used/Diameter in. [mm]	820	820
Drive Type	FC Centrifugal	FC Centrifugal
No. Speeds	1/11x11 [279x279]	1/11x11 [279x279]
No. Motors	Direct	Direct
Motor HP	Multiple	Multiple
Motor RPM	1	1
Motor Frame Size	3/4	1 1/2
Filter - Type		
Furnished	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(4)2x20x20 [51x508x508]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]		
	91 [2580]	91 [2580]
Weights		
Net Weight lbs. [kg]	807 [366]	807 [366]
Ship Weight lbs. [kg]	846 [384]	846 [384]

See Page 18 for Notes.

[] Designates Metric Conversions

NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	048ACT	048ACU	048ADT	048ADU
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	47,000 [13.77]	47,000 [13.77]	47,000 [13.77]	47,000 [13.77]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1685 [755/795]	1600/1685 [755/795]	1600/1685 [755/795]	1600/1685 [755/795]
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
Net Sensible Capacity Btu [kW]	34,680 [10.16]	34,680 [10.16]	34,680 [10.16]	34,680 [10.16]
Net Latent Capacity Btu [kW]	11,320 [3.32]	11,320 [3.32]	11,320 [3.32]	11,320 [3.32]
Net System Power kW	4.04	4.04	4.04	4.04
Heating Performance (Heat Pumps)				
High Temp. Btuh [kW] Rating	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
System Power KW / COP	3.82/3.5	3.82/3.5	3.82/3.5	3.82/3.5
Low Temp. Btuh [kW] Rating	20,000 [5.86]	20,000 [5.86]	20,000 [5.86]	20,000 [5.86]
System Power KW / COP	3.6/2	3.6/2	3.6/2	3.6/2
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Rows / FPI [FPcm]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]
Refrigerant Control	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]
Refrigerant Control	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves	TX Valves	TX Valves
	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type				
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]
CFM [L/s]	Direct/1	Direct/1	Direct/1	Direct/1
No. Motors/HP	5900 [2784]	5900 [2784]	5900 [2784]	5900 [2784]
Motor RPM	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP
	1075	1075	1075	1075
Indoor Fan - Type				
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]
No. Speeds	Direct	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple	Multiple
Motor HP	1	1	1	1
Motor RPM	3/4	1 1/2	3/4	1
Motor Frame Size	1050	1050	1050	1050
	48	48	48	48
Filter - Type				
Furnished	Disposable	Disposable	Disposable	Disposable
(NO.) Size Recommended in. [mm x mm x mm]	Yes	Yes	Yes	Yes
	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]				
	142 [4026]	142 [4026]	142 [4026]	142 [4026]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	618 [280]	618 [280]	618 [280]	618 [280]

See Page 18 for Notes.

[] Designates Metric Conversions

NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	048AJT	048AJU	060ACT	060ACU
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	47,000 [13.77]	47,000 [13.77]	59,500 [17.43]	59,500 [17.43]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1685 [755/795]	1600/1685 [755/795]	2000/2050 [944/967]	2000/2050 [944/967]
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	57,500 [16.85]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	34,680 [10.16]	34,680 [10.16]	43,020 [12.6]	43,020 [12.6]
Net Latent Capacity Btu [kW]	11,320 [3.32]	11,320 [3.32]	14,480 [4.24]	14,480 [4.24]
Net System Power kW	4.04	4.04	4.96	4.96
Heating Performance (Heat Pumps)				
High Temp. Btuh [kW] Rating	46,000 [13.48]	46,000 [13.48]	57,500 [16.85]	57,500 [16.85]
System Power KW / COP	3.82/3.5	3.82/3.5	5.09/3.5	5.09/3.5
Low Temp. Btuh [kW] Rating	20,000 [5.86]	20,000 [5.86]	35,000 [10.25]	35,000 [10.25]
System Power KW / COP	3.6/2	3.6/2	5.1/2	5.1/2
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.48 [1.53]	16.48 [1.53]	16.52 [1.53]	16.52 [1.53]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	5900 [2784]	5900 [2784]	5900 [2784]	5900 [2784]
No. Motors/HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	1 1/2	1	1 1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]	142 [4026]	142 [4026]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	583 [264]	583 [264]
Ship Weight lbs. [kg]	618 [280]	618 [280]	621 [282]	621 [282]

See Page 18 for Notes.

[] Designates Metric Conversions

NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	060ADT	060ADU	060AJT	060AJU
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/2050 [944/967]	2000/2050 [944/967]	2000/2050 [944/967]	2000/2050 [944/967]
AHRI Net Cooling Capacity Btu [kW]	57,500 [16.85]	57,500 [16.85]	57,500 [16.85]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	43,020 [12.6]	43,020 [12.6]	43,020 [12.6]	43,020 [12.6]
Net Latent Capacity Btu [kW]	14,480 [4.24]	14,480 [4.24]	14,480 [4.24]	14,480 [4.24]
Net System Power kW	4.96	4.96	4.96	4.96
Heating Performance (Heat Pumps)				
High Temp. Btuh [kW] Rating	57,500 [16.85]	57,500 [16.85]	57,500 [16.85]	57,500 [16.85]
System Power KW / COP	5.09/3.5	5.09/3.5	5.09/3.5	5.09/3.5
Low Temp. Btuh [kW] Rating	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
System Power KW / COP	5.1/2	5.1/2	5.1/2	5.1/2
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	5900 [2784]	5900 [2784]	5900 [2784]	5900 [2784]
No. Motors/HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1 1/5	1	1 1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	583 [264]	583 [264]	583 [264]	583 [264]
Ship Weight lbs. [kg]	621 [282]	621 [282]	621 [282]	621 [282]

See Page 18 for Notes.

[] Designates Metric Conversions

NOM. SIZES 3-6 TONS [10.6-21.1 kW] ASHRAE 90.1 2016 COMPLIANT MODELS

Model RHPCZ(-) Series	072ACT	072ACU	072ADT	072ADU
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	70,000 [20.51]	70,000 [20.51]	70,000 [20.51]	70,000 [20.51]
EER/SEER ²	11/NA	11/NA	11/NA	11/NA
Nominal CFM/AHRI Rated CFM [L/s]	2400/2400 [1133/1133]	2400/2400 [1133/1133]	2400/2400 [1133/1133]	2400/2400 [1133/1133]
AHRI Net Cooling Capacity Btu [kW]	68000 [19.92]	68000 [19.92]	68000 [19.92]	68000 [19.92]
Net Sensible Capacity Btu [kW]	50199.9 [14.71]	50199.9 [14.71]	50199.9 [14.71]	50199.9 [14.71]
Net Latent Capacity Btu [kW]	17800.1 [5.22]	17800.1 [5.22]	17800.1 [5.22]	17800.1 [5.22]
IEER ³	14.1	14.1	14.1	14.1
Net System Power kW	6.18	6.18	6.18	6.18
Heating Performance (Heat Pumps)				
High Temp. Btuh [kW] Rating	68000 [19.92]	68000 [19.92]	68000 [19.92]	68000 [19.92]
System Power KW / COP	5.85/3.4	5.85/3.4	5.85/3.4	5.85/3.4
Low Temp. Btuh [kW] Rating	41000 [12.01]	41000 [12.01]	41000 [12.01]	41000 [12.01]
System Power KW / COP	5.34/2.25	5.34/2.25	5.34/2.25	5.34/2.25
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴				
	88	88	88	88
Outdoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Rows / FPI [FPcm]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]	16.52 [1.53]
Refrigerant Control	1 / 16 [9]	1 / 16 [9]	1 / 16 [9]	1 / 16 [9]
	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Rows / FPI [FPcm]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]	7.52 [0.7]
Refrigerant Control	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves	TX Valves	TX Valves
	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type				
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]	1/26 [660.4]
CFM [L/s]	Direct/1	Direct/1	Direct/1	Direct/1
No. Motors/HP	5900 [2784]	5900 [2784]	5900 [2784]	5900 [2784]
Motor RPM	1 at 1 HP	1 at 1 HP	1 at 1 HP	1 at 1 HP
	1075	1075	1075	1075
Indoor Fan - Type				
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]	1/11x11 [279x279]
No. Speeds	Direct	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple	Multiple
Motor HP	1	1	1	1
Motor RPM	1 1/5	1 1/5	1 1/5	1 1/5
Motor Frame Size	1050	1050	1050	1050
	48	48	48	48
Filter - Type				
Furnished	Disposable	Disposable	Disposable	Disposable
(NO.) Size Recommended in. [mm x mm x mm]	Yes	Yes	Yes	Yes
	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]	(4)2x16x16 [51x406x406]
Refrigerant Charge Oz. [g]				
	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	583 [264]	583 [264]	583 [264]	583 [264]
Ship Weight lbs. [kg]	621 [282]	621 [282]	621 [282]	621 [282]

See Page 18 for Notes.

[] Designates Metric Conversions



NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to $\pm 20\%$ of nominal cfm. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Integrated Energy Efficiency Ratio (IEER) is rated in accordance with AHRI Standard 340/360.
2. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

WEIGHTED SOUND POWER LEVEL (dBA)

Unit Size – Series	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)							
		63	125	250	500	1000	2000	4000	8000
RHPCZR036	78.6	46.2	64.4	63.8	68.4	69.1	66.2	61.4	56.7
RHPCZR048	83.8	54.2	62.7	75.7	72.6	72.9	70.4	66.5	61
RHPCZR060	83.3	55	61.7	71.6	72.4	73.1	70.5	66.4	62.5
RHPCZT072	83.3	55	61.7	71.6	72.4	73.1	70.5	66.4	62.5

Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



Air

Gross Systems Performance Data

RHPC Series

COOLING PERFORMANCE DATA — RHPCZR036A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①																
wB/E	CFM [L/s]	71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			61°F [16.1°C]			59°F [15.0°C]		
		1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]
DR ①	0.2	0.19	0.15	0.15	0.2	0.19	0.15	0.2	0.19	0.15	0.2	0.19	0.15	0.2	0.19	0.15
75°F [23.9°C]	Total BTUH [kW]	44.1 [12.9]	43.7 [12.8]	42.3 [12.4]	41.4 [12.1]	41.0 [12.0]	39.7 [11.6]	39.4 [11.5]	39.0 [11.4]	37.7 [11.1]	38.7 [11.3]	38.3 [11.2]	37.1 [10.9]	36.2 [10.6]	35.3 [10.3]	34.4 [10.1]
	Sens BTUH [kW] Power	24.9 [7.3] 2.1	24.3 [7.1] 2.1	22.2 [6.5] 2.0	21.8 [6.4] 2.1	21.8 [6.4] 2.1	20.6 [6.0] 2.0	20.6 [6.0] 2.0	20.6 [6.0] 2.1	20.6 [6.0] 2.1	20.6 [6.0] 2.0	20.6 [6.0] 2.1	20.6 [6.0] 2.0	20.6 [6.0] 2.1	20.6 [6.0] 2.1	20.6 [6.0] 2.0
80°F [26.7°C]	Total BTUH [kW]	43.0 [12.6]	42.5 [12.5]	41.1 [12.1]	40.3 [11.8]	39.9 [11.7]	38.6 [11.3]	38.2 [11.2]	37.8 [11.1]	36.6 [10.7]	37.5 [11.0]	37.1 [10.9]	35.9 [10.5]	34.8 [10.2]	33.6 [9.8]	32.4 [9.5]
	Sens BTUH [kW] Power	24.4 [7.1] 2.2	23.8 [7.0] 2.2	21.8 [6.4] 2.2	21.2 [6.2] 2.2	21.2 [6.2] 2.2	20.6 [6.0] 2.1	20.6 [6.0] 2.1	20.6 [6.0] 2.2	20.6 [6.0] 2.2	20.6 [6.0] 2.1	20.6 [6.0] 2.2	20.6 [6.0] 2.1	20.6 [6.0] 2.2	20.6 [6.0] 2.2	20.6 [6.0] 2.1
85°F [29.4°C]	Total BTUH [kW]	41.7 [12.2]	41.3 [12.1]	40.0 [11.7]	39.0 [11.4]	38.6 [11.3]	37.4 [11.0]	37.0 [10.8]	36.6 [10.7]	35.4 [10.4]	36.3 [10.6]	35.9 [10.5]	34.8 [10.2]	33.7 [9.9]	32.6 [9.6]	31.4 [9.2]
	Sens BTUH [kW] Power	23.8 [7.0] 2.3	23.2 [6.8] 2.3	21.2 [6.2] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3	20.6 [6.0] 2.3
90°F [32.2°C]	Total BTUH [kW]	40.4 [11.8]	40.0 [11.7]	38.7 [11.3]	37.7 [11.1]	37.4 [10.9]	36.1 [10.6]	35.7 [10.5]	35.3 [10.4]	34.2 [10.0]	35.0 [10.3]	34.6 [10.2]	33.5 [9.8]	32.4 [9.4]	31.3 [9.0]	30.0 [8.8]
	Sens BTUH [kW] Power	23.1 [6.8] 2.5	22.5 [6.6] 2.5	20.6 [6.0] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4	20.0 [5.9] 2.4
95°F [35°C]	Total BTUH [kW]	39.1 [11.4]	38.7 [11.3]	37.4 [11.0]	36.4 [10.7]	36.0 [10.6]	34.8 [10.2]	34.3 [10.1]	34.0 [10.0]	32.9 [9.6]	33.6 [9.9]	33.3 [9.8]	32.2 [9.4]	31.1 [9.0]	30.0 [8.8]	28.7 [8.3]
	Sens BTUH [kW] Power	22.4 [6.6] 2.6	21.8 [6.4] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6	20.0 [5.9] 2.6
100°F [37.8°C]	Total BTUH [kW]	37.7 [11.0]	37.3 [10.9]	36.1 [10.6]	35.0 [10.2]	34.6 [10.1]	33.5 [9.8]	32.9 [9.6]	32.6 [9.5]	31.5 [9.2]	32.2 [9.4]	31.9 [9.3]	30.9 [9.0]	29.8 [8.6]	28.7 [8.3]	27.2 [7.9]
	Sens BTUH [kW] Power	21.5 [6.3] 2.8	21.0 [6.2] 2.8	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7	19.2 [5.6] 2.7
105°F [40.6°C]	Total BTUH [kW]	36.2 [10.6]	35.8 [10.5]	34.6 [10.2]	33.5 [9.8]	33.1 [9.7]	32.1 [9.4]	31.4 [9.2]	31.1 [9.1]	30.1 [8.8]	30.7 [9.0]	30.4 [8.9]	29.4 [8.6]	28.3 [8.2]	27.2 [7.9]	25.8 [7.6]
	Sens BTUH [kW] Power	20.7 [6.1] 3.0	20.1 [5.9] 3.0	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9	18.5 [5.4] 2.9
110°F [43.3°C]	Total BTUH [kW]	34.6 [10.1]	34.3 [10.0]	33.2 [9.7]	31.9 [9.4]	31.6 [9.3]	30.6 [9.0]	29.9 [8.8]	29.6 [8.7]	28.6 [8.4]	29.2 [8.6]	28.9 [8.5]	28.0 [8.2]	26.9 [7.9]	25.8 [7.6]	24.4 [7.2]
	Sens BTUH [kW] Power	19.7 [5.8] 3.2	19.2 [5.6] 3.2	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1	17.6 [5.2] 3.1
115°F [46.1°C]	Total BTUH [kW]	33.0 [9.7]	32.7 [9.6]	31.6 [9.3]	30.3 [8.9]	30.0 [8.8]	29.1 [8.5]	28.7 [8.4]	28.3 [8.3]	27.1 [7.9]	27.6 [8.1]	27.3 [8.0]	26.4 [7.7]	25.3 [7.5]	24.2 [7.2]	22.6 [6.7]
	Sens BTUH [kW] Power	18.7 [5.5] 3.4	18.2 [5.3] 3.4	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3	16.7 [4.9] 3.3
120°F [48.9°C]	Total BTUH [kW]	31.4 [9.2]	31.0 [9.1]	30.0 [8.8]	28.7 [8.4]	28.4 [8.3]	27.5 [8.0]	26.6 [7.8]	26.3 [7.7]	25.5 [7.5]	25.9 [7.6]	25.7 [7.5]	24.8 [7.3]	23.7 [7.0]	22.6 [6.7]	21.0 [6.2]
	Sens BTUH [kW] Power	17.6 [5.2] 3.6	17.1 [5.0] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6	15.7 [4.6] 3.6
125°F [51.7°C]	Total BTUH [kW]	29.6 [8.7]	29.3 [8.6]	28.4 [8.3]	26.9 [7.9]	26.7 [7.8]	25.8 [7.6]	24.9 [7.3]	24.6 [7.2]	23.8 [7.0]	24.2 [7.1]	23.9 [7.0]	23.2 [6.8]	22.1 [6.5]	21.0 [6.2]	19.4 [5.7]
	Sens BTUH [kW] Power	16.4 [4.8] 3.9	16.0 [4.7] 3.9	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8	14.7 [4.3] 3.8

DR — Depression ratio
 dbE — Entering air dry bulb
 wB/E — Entering air wet bulb

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 - DR) x (dbE - 80)].

— Total capacity x 1000 BTUH
 — Sensible capacity x 1000 BTUH
 — Power — kW input

[] Designates Metric Conversions



HEATING PERFORMANCE DATA — RHPCZR036A

IDB		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]		1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]	1350 [637]	1280 [604]	1050 [496]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0°F [-17.8°C]	Total BTUH [kW] Power 11.3 [3.3] 1.6	11.2 [3.3] 1.6	11.1 [3.3] 1.7	9.9 [2.9] 2.1	9.9 [2.9] 2.2	9.8 [2.9] 2.2	8.6 [2.5] 2.5	8.5 [2.5] 2.5	8.4 [2.5] 2.6
	5°F [-15.0°C]	Total BTUH [kW] Power 13.8 [4.1] 1.7	13.8 [4.0] 1.7	13.6 [4.0] 1.7	12.5 [3.7] 2.2	12.4 [3.6] 2.2	12.3 [3.6] 2.3	11.1 [3.3] 2.5	11.1 [3.2] 2.5	10.9 [3.2] 2.6
	10°F [-12.2°C]	Total BTUH [kW] Power 16.4 [4.8] 1.7	16.3 [4.8] 1.7	16.1 [4.7] 1.8	15.0 [4.4] 2.2	15.0 [4.4] 2.3	14.8 [4.3] 2.3	13.7 [4.0] 2.6	13.6 [4.0] 2.6	13.4 [3.9] 2.7
	15°F [-9.4°C]	Total BTUH [kW] Power 18.9 [5.5] 1.8	18.9 [5.5] 1.8	18.6 [5.5] 1.8	17.6 [5.2] 2.3	17.5 [5.1] 2.3	17.3 [5.1] 2.4	16.2 [4.8] 2.6	16.2 [4.7] 2.7	16.0 [4.7] 2.7
	20°F [-6.7°C]	Total BTUH [kW] Power 21.5 [6.3] 1.8	21.4 [6.3] 1.9	21.1 [6.2] 1.9	20.1 [5.9] 2.3	20.1 [5.9] 2.4	19.8 [5.8] 2.4	18.8 [5.5] 2.7	18.7 [5.5] 2.7	18.5 [5.4] 2.8
	25°F [-3.9°C]	Total BTUH [kW] Power 24.0 [7.0] 1.9	23.9 [7.0] 1.9	23.6 [6.9] 1.9	22.7 [6.6] 2.4	22.6 [6.6] 2.4	22.3 [6.5] 2.5	21.3 [6.3] 2.7	21.2 [6.2] 2.8	21.0 [6.1] 2.8
	30°F [-1.1°C]	Total BTUH [kW] Power 26.6 [7.8] 1.9	26.5 [7.8] 2.0	26.1 [7.7] 2.0	25.2 [7.4] 2.4	25.1 [7.4] 2.5	24.8 [7.3] 2.5	23.9 [7.0] 2.8	23.8 [7.0] 2.8	23.5 [6.9] 2.9
	35°F [1.7°C]	Total BTUH [kW] Power 29.1 [8.5] 2.0	29.0 [8.5] 2.0	28.7 [8.4] 2.1	27.8 [8.1] 2.5	27.7 [8.1] 2.5	27.3 [8.0] 2.6	26.4 [7.7] 2.8	26.3 [7.7] 2.9	26.0 [7.6] 2.9
	40°F [4.4°C]	Total BTUH [kW] Power 31.7 [9.3] 2.0	31.6 [9.3] 2.1	31.2 [9.1] 2.1	30.3 [8.9] 2.6	30.2 [8.9] 2.6	29.8 [8.7] 2.6	29.0 [8.5] 2.9	28.9 [8.5] 2.9	28.5 [8.4] 3.0
	45°F [7.2°C]	Total BTUH [kW] Power 34.2 [10.0] 2.1	34.1 [10.0] 2.1	33.7 [9.9] 2.2	32.9 [9.6] 2.6	32.8 [9.6] 2.6	32.3 [9.5] 2.7	31.5 [9.2] 2.9	31.4 [9.2] 3.0	31.0 [9.1] 3.0
	50°F [10.0°C]	Total BTUH [kW] Power 36.8 [10.8] 2.2	36.7 [10.7] 2.2	36.2 [10.6] 2.2	35.4 [10.4] 2.7	35.3 [10.3] 2.7	34.9 [10.2] 2.7	34.1 [10.0] 3.0	34.0 [9.9] 3.0	33.5 [9.8] 3.1

IDB—Indoor air dry bulb

[] Designates Metric Conversions



Air

Gross Systems Performance Data
RHPC Series

COOLING PERFORMANCE DATA — RHPCZR048A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①																
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]		1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]
DR ①		0.19	0.17	0.13	0.19	0.17	0.13	0.19	0.17	0.13	0.19	0.17	0.13	0.19	0.17	0.13
75°F [23.9°C]	Total BTUH [kW]	58.5 [17.1]	57.7 [16.9]	56.0 [16.4]	54.3 [15.9]	53.7 [15.7]	52.0 [15.2]	50.7 [14.8]	50.0 [14.7]	48.5 [14.2]	49.0 [14.4]	48.4 [14.2]	46.9 [13.7]	47.5 [13.9]	46.9 [13.7]	45.4 [13.3]
	Sens BTUH [kW]	34.3 [10.0]	33.2 [9.7]	30.6 [9.0]	40.1 [11.7]	38.8 [11.4]	35.8 [10.5]	44.3 [13.0]	42.9 [12.6]	39.5 [11.6]	45.5 [13.3]	44.1 [12.9]	40.6 [11.9]	45.8 [13.4]	44.4 [13.0]	40.9 [12.0]
	Power	3.0	3.0	2.9	3.0	3.0	2.9	3.0	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9
80°F [26.7°C]	Total BTUH [kW]	56.9 [16.7]	56.2 [16.5]	54.4 [16.0]	52.7 [15.4]	52.1 [15.3]	50.5 [14.8]	49.1 [14.4]	48.5 [14.2]	47.0 [13.8]	47.4 [13.9]	46.8 [13.7]	45.4 [13.3]	45.9 [13.4]	45.3 [13.3]	43.9 [12.9]
	Sens BTUH [kW]	33.6 [9.8]	32.5 [9.5]	30.0 [8.8]	39.4 [11.5]	38.2 [11.2]	35.1 [10.3]	43.6 [12.8]	42.3 [12.4]	38.9 [11.4]	44.8 [13.1]	43.4 [12.7]	40.0 [11.7]	45.1 [13.2]	43.7 [12.8]	40.3 [11.8]
	Power	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
85°F [29.4°C]	Total BTUH [kW]	55.2 [16.2]	54.6 [16.0]	52.9 [15.5]	51.1 [15.0]	50.5 [14.8]	48.9 [14.3]	47.4 [13.9]	46.9 [13.7]	45.4 [13.3]	45.8 [13.4]	45.2 [13.3]	43.8 [12.8]	44.3 [13.0]	43.7 [12.8]	42.4 [12.4]
	Sens BTUH [kW]	32.8 [9.6]	31.8 [9.3]	29.3 [8.6]	38.6 [11.3]	37.4 [11.0]	34.5 [10.1]	42.9 [12.6]	41.5 [12.2]	38.3 [11.2]	44.1 [12.9]	42.7 [12.5]	39.3 [11.5]	44.3 [13.0]	43.0 [12.6]	39.6 [11.6]
	Power	3.3	3.3	3.3	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.2
90°F [32.2°C]	Total BTUH [kW]	53.6 [15.7]	52.9 [15.5]	51.3 [15.0]	49.5 [14.5]	48.9 [14.3]	47.4 [13.9]	45.8 [13.4]	45.2 [13.3]	43.8 [12.8]	44.1 [12.9]	43.6 [12.8]	42.3 [12.4]	42.6 [12.5]	42.1 [12.3]	40.8 [12.0]
	Sens BTUH [kW]	32.1 [9.4]	31.1 [9.1]	28.6 [8.4]	37.9 [11.1]	36.7 [10.8]	33.8 [9.9]	42.1 [12.3]	40.8 [12.0]	37.6 [11.0]	43.3 [12.7]	41.9 [12.3]	38.6 [11.3]	42.6 [12.5]	42.1 [12.3]	38.9 [11.4]
	Power	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.5	3.4
95°F [35°C]	Total BTUH [kW]	51.9 [15.2]	51.3 [15.0]	49.7 [14.6]	47.8 [14.0]	47.2 [13.8]	45.8 [13.4]	44.1 [12.9]	43.6 [12.8]	42.2 [12.4]	42.5 [12.4]	42.0 [12.3]	40.7 [11.9]	40.9 [12.0]	40.4 [11.9]	39.2 [11.5]
	Sens BTUH [kW]	31.2 [9.2]	30.3 [8.9]	27.9 [8.2]	37.0 [10.9]	35.9 [10.5]	33.1 [9.7]	41.3 [12.1]	40.0 [11.7]	36.8 [10.8]	42.5 [12.4]	41.1 [12.1]	37.9 [11.1]	40.9 [12.0]	40.4 [11.9]	38.2 [11.2]
	Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6
100°F [37.8°C]	Total BTUH [kW]	50.2 [14.7]	49.6 [14.5]	48.1 [14.1]	46.1 [13.5]	45.5 [13.3]	44.1 [12.9]	42.4 [12.4]	41.9 [12.3]	40.6 [11.9]	40.8 [12.0]	40.3 [11.8]	39.0 [11.4]	39.3 [11.5]	38.8 [11.4]	37.6 [11.0]
	Sens BTUH [kW]	30.4 [8.9]	29.4 [8.6]	27.1 [7.9]	36.2 [10.6]	35.0 [10.3]	32.3 [9.5]	40.4 [11.8]	39.1 [11.5]	36.0 [10.6]	40.8 [12.0]	40.3 [11.8]	37.1 [10.9]	39.3 [11.5]	38.8 [11.4]	37.4 [11.0]
	Power	3.9	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	3.9	3.9	3.8	3.9	3.9	3.8
105°F [40.6°C]	Total BTUH [kW]	48.5 [14.2]	47.9 [14.0]	46.5 [13.6]	44.4 [13.0]	43.9 [12.8]	42.5 [12.5]	40.7 [11.9]	40.2 [11.8]	39.0 [11.4]	39.1 [11.5]	38.6 [11.3]	37.4 [11.0]	37.5 [11.0]	37.1 [10.9]	35.9 [10.5]
	Sens BTUH [kW]	29.4 [8.6]	28.5 [8.4]	26.3 [7.7]	35.2 [10.3]	34.1 [10.0]	31.4 [9.2]	39.5 [11.6]	38.2 [11.2]	35.2 [10.3]	39.1 [11.5]	38.6 [11.3]	36.3 [10.6]	37.5 [11.0]	37.1 [10.9]	35.9 [10.5]
	Power	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
110°F [43.3°C]	Total BTUH [kW]	46.8 [13.7]	46.2 [13.5]	44.8 [13.1]	42.7 [12.5]	42.1 [12.3]	40.8 [12.0]	39.0 [11.4]	38.5 [11.3]	37.3 [10.9]	37.3 [10.9]	36.9 [10.8]	35.8 [10.5]	35.8 [10.5]	35.4 [10.4]	34.3 [10.0]
	Sens BTUH [kW]	28.5 [8.3]	27.6 [8.1]	25.4 [7.4]	34.3 [10.0]	33.2 [9.7]	30.6 [9.0]	38.5 [11.3]	37.3 [10.9]	34.3 [10.1]	37.3 [10.9]	36.9 [10.8]	35.4 [10.4]	35.8 [10.5]	35.4 [10.4]	34.3 [10.0]
	Power	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.4	4.4	4.3	4.4	4.3
115°F [46.1°C]	Total BTUH [kW]	45.0 [13.2]	44.5 [13.0]	43.1 [12.6]	40.9 [12.0]	40.4 [11.8]	39.2 [11.5]	37.2 [10.9]	36.8 [10.8]	35.7 [10.4]	35.6 [10.4]	35.2 [10.3]	34.1 [10.0]	34.1 [10.0]	33.6 [9.9]	32.6 [9.6]
	Sens BTUH [kW]	27.4 [8.0]	26.6 [7.8]	24.5 [7.2]	33.2 [9.7]	32.2 [9.4]	29.7 [8.7]	37.2 [10.9]	36.3 [10.6]	33.4 [9.8]	35.6 [10.4]	35.2 [10.3]	34.1 [10.0]	34.1 [10.0]	33.6 [9.9]	32.6 [9.6]
	Power	4.7	4.7	4.6	4.7	4.7	4.6	4.7	4.6	4.6	4.7	4.7	4.6	4.6	4.6	4.6
120°F [48.9°C]	Total BTUH [kW]	43.3 [12.7]	42.7 [12.5]	41.4 [12.1]	39.1 [11.5]	38.6 [11.3]	37.5 [11.0]	35.5 [10.4]	35.0 [10.3]	33.9 [9.9]	33.8 [9.9]	33.4 [9.8]	32.4 [9.5]	32.3 [9.5]	31.9 [9.3]	30.9 [9.1]
	Sens BTUH [kW]	26.4 [7.7]	25.5 [7.5]	23.5 [6.9]	32.2 [9.4]	31.2 [9.1]	28.7 [8.4]	35.5 [10.4]	35.0 [10.3]	32.5 [9.5]	33.8 [9.9]	33.4 [9.8]	32.4 [9.5]	32.3 [9.5]	31.9 [9.3]	30.9 [9.1]
	Power	5.0	4.9	4.9	5.0	4.9	4.9	5.0	4.9	4.9	4.9	4.9	4.8	4.9	4.9	4.8
125°F [51.7°C]	Total BTUH [kW]	41.5 [12.2]	41.0 [12.0]	39.7 [11.6]	37.3 [10.9]	36.9 [10.8]	35.7 [10.5]	33.7 [9.9]	33.2 [9.7]	32.2 [9.4]	32.0 [9.4]	31.6 [9.3]	30.6 [9.0]	30.5 [8.9]	30.1 [8.8]	29.2 [8.5]
	Sens BTUH [kW]	25.2 [7.4]	24.5 [7.2]	22.5 [6.6]	31.0 [9.1]	30.1 [8.8]	27.7 [8.1]	33.7 [9.9]	33.2 [9.7]	31.5 [9.2]	32.0 [9.4]	31.6 [9.3]	30.6 [9.0]	30.5 [8.9]	30.1 [8.8]	29.2 [8.5]
	Power	5.3	5.2	5.2	5.3	5.2	5.2	5.3	5.2	5.1	5.2	5.2	5.1	5.2	5.2	5.1

OUT DOOR DRY BULB TEMPERATURE °F [°C]

DR — Depression ratio

dbE — Entering air dry bulb

wbE — Entering air wet bulb

Total — Total capacity x 1000 BTUH

Sens — Sensible capacity x 1000 BTUH

Power — kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



HEATING PERFORMANCE DATA — RHPCZR048A

IDB		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]		1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]	1800 [850]	1685 [795]	1400 [661]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0°F [-17.8°C]	Total BTUH [kW] Power	13.3 [3.9] 3.1	13.2 [3.9] 3.1	13.0 [3.8] 3.2	12.7 [3.7] 3.2	12.6 [3.7] 3.3	12.3 [3.6] 4.0	12.3 [3.6] 4.1	12.1 [3.5] 4.2
	5°F [-15.0°C]	Total BTUH [kW] Power	16.7 [4.9] 3.1	16.6 [4.9] 3.1	16.4 [4.8] 3.2	16.1 [4.7] 3.2	15.9 [4.7] 3.3	15.7 [4.6] 4.1	15.7 [4.6] 4.1	15.5 [4.5] 4.2
	10°F [-12.2°C]	Total BTUH [kW] Power	20.1 [5.9] 3.1	20.0 [5.9] 3.2	19.8 [5.8] 3.2	19.5 [5.7] 3.3	19.3 [5.7] 3.3	19.2 [5.6] 4.1	19.1 [5.6] 4.1	18.9 [5.5] 4.2
	15°F [-9.4°C]	Total BTUH [kW] Power	23.5 [6.9] 3.2	23.4 [6.9] 3.2	23.1 [6.8] 3.3	23.0 [6.7] 3.3	22.7 [6.6] 3.4	22.6 [6.6] 4.1	22.5 [6.6] 4.2	22.2 [6.5] 4.2
	20°F [-6.7°C]	Total BTUH [kW] Power	27.0 [7.9] 3.2	26.8 [7.9] 3.2	26.5 [7.8] 3.3	26.4 [7.7] 3.3	26.1 [7.6] 3.4	26.0 [7.6] 4.2	25.9 [7.6] 4.2	25.6 [7.5] 4.3
	25°F [-3.9°C]	Total BTUH [kW] Power	30.4 [8.9] 3.2	30.2 [8.9] 3.2	29.9 [8.8] 3.3	29.8 [8.7] 3.3	29.4 [8.6] 3.4	29.5 [8.6] 4.2	29.3 [8.6] 4.2	29.0 [8.5] 4.3
	30°F [-1.1°C]	Total BTUH [kW] Power	33.8 [9.9] 3.2	33.7 [9.9] 3.3	33.3 [9.7] 3.3	33.2 [9.7] 3.4	32.8 [9.6] 3.4	32.9 [9.6] 4.2	32.7 [9.6] 4.2	32.3 [9.5] 4.3
	35°F [1.7°C]	Total BTUH [kW] Power	37.2 [10.9] 3.3	37.1 [10.9] 3.3	36.6 [10.7] 3.4	36.6 [10.7] 3.4	36.2 [10.6] 3.5	36.3 [10.6] 4.2	36.1 [10.6] 4.3	35.7 [10.5] 4.4
	40°F [4.4°C]	Total BTUH [kW] Power	40.7 [11.9] 3.3	40.5 [11.9] 3.3	40.0 [11.7] 3.4	40.0 [11.7] 3.4	39.5 [11.6] 3.5	39.7 [11.6] 4.3	39.6 [11.6] 4.3	39.1 [11.5] 4.4
	45°F [7.2°C]	Total BTUH [kW] Power	44.1 [12.9] 3.3	43.9 [12.9] 3.4	43.4 [12.7] 3.4	43.4 [12.7] 3.5	42.9 [12.6] 3.5	43.2 [12.7] 4.3	43.0 [12.6] 4.3	42.4 [12.4] 4.4
	50°F [10.0°C]	Total BTUH [kW] Power	47.5 [13.9] 3.4	47.3 [13.9] 3.4	46.7 [13.7] 3.5	46.8 [13.7] 3.5	46.3 [13.6] 3.6	46.6 [13.7] 4.3	46.4 [13.6] 4.4	45.8 [13.4] 4.4

IDB—Indoor air dry bulb

[] Designates Metric Conversions



Air

Gross Systems Performance Data
RHPC Series

COOLING PERFORMANCE DATA — RHPCZR060A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①													
wbE		71°F [21.7°C]		67°F [19.4°C]		63°F [17.2°C]		61°F [16.1°C]		59°F [15.0°C]			
CFM [L/s]		2250 [1062]	2050 [967]	1750 [826]	1500 [696]	1250 [582]	1000 [472]	750 [353]	500 [234]	250 [117]	125 [61]		
DR ①		0.17	0.15	0.12	0.10	0.08	0.06	0.05	0.04	0.03	0.02		
75°F [23.9°C]	Total BTUH [kW]	75.4 [22.1]	74.1 [21.7]	72.1 [21.1]	69.6 [20.4]	66.6 [19.5]	64.2 [18.8]	63.1 [18.5]	61.4 [18.0]	59.1 [17.3]	58.1 [17.0]	56.5 [16.6]	54.8 [16.3]
	Sens BTUH [kW]	46.2 [13.5]	44.2 [12.9]	41.1 [12.1]	39.6 [11.5]	37.3 [10.8]	35.1 [10.2]	33.3 [9.7]	31.5 [9.2]	29.8 [8.7]	28.8 [8.4]	27.2 [7.9]	25.5 [7.5]
	Power	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
80°F [26.7°C]	Total BTUH [kW]	73.3 [21.5]	72.0 [21.1]	70.1 [20.5]	67.5 [19.8]	64.6 [18.9]	62.1 [18.2]	61.0 [17.9]	59.4 [17.4]	57.0 [16.7]	56.0 [16.4]	54.5 [16.0]	52.8 [15.7]
	Sens BTUH [kW]	45.1 [13.2]	43.1 [12.6]	40.2 [11.8]	38.5 [11.2]	36.2 [10.5]	34.0 [9.9]	32.3 [9.4]	30.6 [8.9]	28.8 [8.4]	27.8 [8.1]	26.3 [7.7]	24.6 [7.3]
	Power	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
85°F [29.4°C]	Total BTUH [kW]	71.1 [20.8]	69.8 [20.5]	68.0 [19.9]	65.3 [19.1]	62.5 [18.3]	59.9 [17.6]	58.8 [17.2]	57.3 [16.8]	54.8 [16.1]	53.8 [15.8]	52.4 [15.4]	50.7 [15.0]
	Sens BTUH [kW]	43.9 [12.9]	42.0 [12.3]	39.1 [11.5]	37.4 [10.9]	35.1 [10.2]	32.9 [9.6]	31.2 [9.1]	29.5 [8.7]	27.7 [8.1]	26.7 [7.8]	25.2 [7.4]	23.5 [7.0]
	Power	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6
90°F [32.2°C]	Total BTUH [kW]	68.7 [20.1]	67.5 [19.8]	65.7 [19.3]	63.0 [18.5]	60.2 [17.7]	57.6 [16.9]	56.6 [16.6]	55.0 [16.1]	52.5 [15.4]	51.6 [15.1]	50.2 [14.7]	48.5 [14.3]
	Sens BTUH [kW]	42.7 [12.5]	40.8 [12.0]	38.0 [11.1]	36.3 [10.5]	33.9 [9.9]	31.6 [9.3]	30.0 [8.8]	28.3 [8.3]	26.5 [7.8]	25.5 [7.5]	24.0 [7.1]	22.3 [6.6]
	Power	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9
95°F [35°C]	Total BTUH [kW]	66.3 [19.4]	65.1 [19.1]	63.4 [18.6]	60.6 [17.8]	57.9 [17.0]	55.3 [16.2]	54.3 [15.9]	52.7 [15.4]	50.0 [14.6]	49.1 [14.4]	47.8 [14.0]	46.1 [13.7]
	Sens BTUH [kW]	41.4 [12.1]	39.6 [11.6]	36.9 [10.8]	35.2 [10.2]	32.7 [9.6]	30.4 [9.0]	28.8 [8.5]	27.1 [8.0]	25.3 [7.5]	24.3 [7.3]	22.8 [6.9]	21.1 [6.4]
	Power	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2
100°F [37.8°C]	Total BTUH [kW]	63.7 [18.7]	62.6 [18.3]	60.9 [17.9]	58.0 [17.0]	55.4 [16.2]	52.5 [15.4]	51.6 [15.1]	50.0 [14.6]	47.3 [13.9]	46.6 [13.7]	45.4 [13.3]	43.3 [12.7]
	Sens BTUH [kW]	40.0 [11.7]	38.2 [11.2]	35.6 [10.4]	33.7 [10.0]	31.1 [9.3]	28.8 [8.7]	27.2 [8.2]	25.5 [7.6]	23.7 [7.0]	22.8 [7.0]	21.3 [6.6]	19.6 [6.1]
	Power	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.6	4.6	4.6
105°F [40.6°C]	Total BTUH [kW]	61.0 [17.9]	60.0 [17.6]	58.4 [17.1]	55.3 [16.2]	52.9 [15.5]	49.9 [14.6]	49.0 [14.4]	47.3 [13.9]	44.8 [13.1]	44.0 [12.9]	42.8 [12.5]	41.0 [12.3]
	Sens BTUH [kW]	38.6 [11.3]	36.9 [10.8]	34.4 [10.1]	32.7 [9.6]	30.1 [8.9]	27.8 [8.2]	26.2 [7.7]	24.5 [7.2]	22.7 [6.7]	21.8 [6.7]	20.3 [6.3]	18.6 [5.8]
	Power	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.1	5.0	5.0	5.0
110°F [43.3°C]	Total BTUH [kW]	58.2 [17.1]	57.2 [16.8]	55.7 [16.3]	52.5 [15.4]	50.2 [14.7]	47.0 [13.8]	46.2 [13.5]	44.5 [13.0]	42.0 [12.3]	41.2 [12.1]	40.1 [11.8]	38.3 [11.4]
	Sens BTUH [kW]	37.1 [10.9]	35.4 [10.4]	33.0 [9.7]	30.7 [9.0]	28.1 [8.3]	25.8 [7.7]	24.2 [7.2]	22.5 [6.7]	20.7 [6.1]	19.8 [6.1]	18.3 [5.8]	16.6 [5.3]
	Power	5.6	5.6	5.5	5.6	5.5	5.6	5.5	5.5	5.5	5.5	5.4	5.4
115°F [46.1°C]	Total BTUH [kW]	55.3 [16.2]	54.3 [15.9]	52.9 [15.5]	49.5 [14.5]	47.4 [13.9]	44.1 [12.9]	43.3 [12.7]	41.5 [12.2]	39.0 [11.4]	38.3 [11.2]	37.3 [10.9]	35.3 [10.4]
	Sens BTUH [kW]	35.5 [10.4]	33.9 [9.9]	31.6 [9.3]	29.2 [8.6]	26.7 [8.0]	24.4 [7.3]	22.8 [6.9]	21.1 [6.4]	19.3 [5.8]	18.4 [5.8]	16.9 [5.4]	15.2 [4.9]
	Power	6.1	6.1	6.0	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8
120°F [48.9°C]	Total BTUH [kW]	52.2 [15.3]	51.3 [15.0]	50.0 [14.6]	46.5 [13.6]	44.5 [13.0]	41.1 [12.0]	40.3 [11.8]	38.5 [11.3]	36.0 [10.5]	35.3 [10.4]	34.4 [10.1]	32.4 [9.6]
	Sens BTUH [kW]	33.9 [9.9]	32.4 [9.5]	30.2 [8.8]	27.8 [8.1]	25.2 [7.6]	22.9 [6.8]	21.3 [6.4]	19.6 [6.1]	17.8 [5.5]	16.9 [5.5]	15.4 [5.1]	13.7 [4.6]
	Power	6.6	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3
125°F [51.7°C]	Total BTUH [kW]	49.1 [14.4]	48.2 [14.1]	46.9 [13.8]	43.3 [12.7]	41.4 [12.1]	37.9 [11.1]	37.2 [10.9]	35.3 [10.3]	32.8 [9.6]	32.2 [9.4]	31.4 [9.2]	29.4 [8.6]
	Sens BTUH [kW]	32.2 [9.4]	30.8 [9.0]	28.7 [8.4]	26.3 [7.7]	23.7 [6.9]	21.4 [6.3]	20.0 [5.8]	18.3 [5.3]	16.5 [4.8]	15.6 [4.8]	14.1 [4.4]	12.4 [3.9]
	Power	7.2	7.1	7.0	7.1	7.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9

OUT DOOR DRY BULB TEMPERATURE °F [°C]

DR — Depression ratio
dbE — Entering air dry bulb
wbE — Entering air wet bulb

① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



HEATING PERFORMANCE DATA — RHPCZR060A

IDB		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]		2250 [1062]	2050 [967]	1750 [826]	2250 [1062]	2050 [967]	1750 [826]	2250 [1062]	2050 [967]	1750 [826]
0°F [-17.8°C]	Total BTUH [kW] Power	23.3 [6.8] 5.0	23.2 [6.8] 5.0	22.9 [6.7] 5.1	22.3 [6.5] 5.1	22.1 [6.5] 5.1	21.9 [6.4] 5.2	21.2 [6.2] 6.1	21.1 [6.2] 6.2	20.9 [6.1] 6.3
5°F [-15.0°C]	Total BTUH [kW] Power	26.9 [7.9] 4.9	26.7 [7.8] 4.9	26.4 [7.7] 5.0	25.9 [7.6] 5.0	25.7 [7.5] 5.1	25.4 [7.4] 5.2	24.8 [7.3] 6.0	24.6 [7.2] 6.1	24.4 [7.1] 6.2
10°F [-12.2°C]	Total BTUH [kW] Power	30.5 [8.9] 4.8	30.3 [8.9] 4.9	29.9 [8.8] 5.0	29.4 [8.6] 4.9	29.2 [8.6] 5.0	28.9 [8.5] 5.1	28.4 [8.3] 6.0	28.2 [8.3] 6.0	27.9 [8.2] 6.1
15°F [-9.4°C]	Total BTUH [kW] Power	34.1 [10.0] 4.8	33.8 [9.9] 4.8	33.5 [9.8] 4.9	33.0 [9.7] 4.9	32.8 [9.6] 4.9	32.4 [9.5] 5.0	32.0 [9.4] 5.9	31.7 [9.3] 6.0	31.4 [9.2] 6.1
20°F [-6.7°C]	Total BTUH [kW] Power	37.6 [11.0] 4.7	37.4 [11.0] 4.8	37.0 [10.8] 4.8	36.6 [10.7] 4.8	36.3 [10.6] 4.9	36.0 [10.5] 5.0	35.5 [10.4] 5.8	35.3 [10.3] 5.9	34.9 [10.2] 6.0
25°F [-3.9°C]	Total BTUH [kW] Power	41.2 [12.1] 4.6	40.9 [12.0] 4.7	40.5 [11.9] 4.8	40.2 [11.8] 4.7	39.9 [11.7] 4.8	39.5 [11.6] 4.9	39.1 [11.5] 5.8	38.9 [11.4] 5.8	38.4 [11.3] 5.9
30°F [-1.1°C]	Total BTUH [kW] Power	44.8 [13.1] 4.6	44.5 [13.0] 4.6	44.0 [12.9] 4.7	43.7 [12.8] 4.7	43.4 [12.7] 4.7	43.0 [12.6] 4.8	42.7 [12.5] 5.7	42.4 [12.4] 5.8	42.0 [12.3] 5.9
35°F [1.7°C]	Total BTUH [kW] Power	48.4 [14.2] 4.5	48.0 [14.1] 4.6	47.5 [13.9] 4.6	47.3 [13.9] 4.6	47.0 [13.8] 4.7	46.5 [13.6] 4.8	46.3 [13.6] 5.6	46.0 [13.5] 5.7	45.5 [13.3] 5.8
40°F [4.4°C]	Total BTUH [kW] Power	51.9 [15.2] 4.4	51.6 [15.1] 4.5	51.0 [15.0] 4.6	50.9 [14.9] 4.5	50.5 [14.8] 4.6	50.0 [14.7] 4.7	49.9 [14.6] 5.6	49.5 [14.5] 5.6	49.0 [14.4] 5.7
45°F [7.2°C]	Total BTUH [kW] Power	55.5 [16.3] 4.4	55.1 [16.2] 4.4	54.6 [16.0] 4.5	54.5 [16.0] 4.5	54.1 [15.9] 4.5	53.5 [15.7] 4.6	53.4 [15.7] 5.5	53.1 [15.6] 5.6	52.5 [15.4] 5.7
50°F [10.0°C]	Total BTUH [kW] Power	59.1 [17.3] 4.3	58.7 [17.2] 4.4	58.1 [17.0] 4.4	58.1 [17.0] 4.4	57.7 [16.9] 4.5	57.0 [16.7] 4.6	57.0 [16.7] 5.4	56.6 [16.6] 5.5	56.0 [16.4] 5.6

IDB—Indoor air dry bulb

[] Designates Metric Conversions

COOLING PERFORMANCE DATA — RHPCZT072A



Air

Gross Systems Performance Data
RHPC Series

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①													
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			61°F [16.1°C]		
		2700 [127.4]	2400 [113.3]	2100 [99.1]	2700 [127.4]	2400 [113.3]	2100 [99.1]	2700 [127.4]	2400 [113.3]	2100 [99.1]	2700 [127.4]	2400 [113.3]	2100 [99.1]
CFM [L/s]		0.18	0.16	0.13	0.18	0.16	0.13	0.18	0.16	0.13	0.18	0.16	0.13
75°F [23.9°C]	Total BTUH [kW]	90.5 [26.5]	88.5 [25.9]	86.5 [25.3]	84.2 [24.7]	82.3 [24.1]	80.4 [23.6]	78.7 [23.1]	76.9 [22.5]	75.2 [22.0]	74.5 [21.8]	72.9 [21.3]	71.2 [20.9]
	Sens BTUH [kW]	53.4 [15.6]	50.4 [14.8]	47.5 [13.9]	65.3 [19.1]	61.7 [18.1]	58.1 [17.0]	74.4 [21.8]	70.3 [20.6]	66.2 [19.4]	74.5 [21.8]	72.9 [21.3]	70.4 [20.6]
Power		4.1	4.1	4.0	4.0	4.0	3.9	4.0	3.9	3.9	3.9	3.9	3.8
80°F [26.7°C]	Total BTUH [kW]	87.5 [25.6]	85.6 [25.1]	83.6 [24.5]	81.2 [23.8]	79.4 [23.3]	77.6 [22.7]	75.7 [22.2]	74.0 [21.7]	72.3 [21.2]	71.6 [21.0]	70.0 [20.5]	68.4 [20.0]
	Sens BTUH [kW]	50.8 [14.9]	48.0 [14.1]	45.2 [13.2]	62.7 [18.4]	59.3 [17.4]	55.8 [16.4]	71.8 [21.0]	67.9 [19.9]	63.9 [18.7]	71.6 [21.0]	70.0 [20.5]	68.1 [20.0]
Power		4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1
85°F [29.4°C]	Total BTUH [kW]	84.5 [24.8]	82.6 [24.2]	80.8 [23.7]	78.2 [22.9]	76.5 [22.4]	74.7 [21.9]	72.7 [21.3]	71.1 [20.8]	69.5 [20.4]	68.5 [20.1]	67.0 [19.6]	65.5 [19.2]
	Sens BTUH [kW]	48.3 [14.2]	45.7 [13.4]	43.0 [12.6]	60.3 [17.7]	56.9 [16.7]	53.6 [15.7]	69.4 [20.3]	65.5 [19.2]	61.7 [18.1]	68.4 [20.0]	67.0 [19.6]	65.5 [19.2]
Power		4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.4	4.5	4.4	4.4
90°F [32.2°C]	Total BTUH [kW]	81.5 [23.9]	79.6 [23.3]	77.8 [22.8]	75.1 [22.0]	73.5 [21.5]	71.8 [21.0]	69.6 [20.4]	68.1 [20.0]	66.5 [19.5]	65.5 [19.2]	64.0 [18.8]	62.6 [18.3]
	Sens BTUH [kW]	46.0 [13.5]	43.5 [12.7]	40.9 [12.0]	57.9 [17.0]	54.7 [16.0]	51.5 [15.1]	67.0 [19.6]	63.3 [18.6]	59.6 [17.5]	65.9 [19.3]	64.0 [18.8]	62.6 [18.3]
Power		5.0	4.9	4.9	4.9	4.9	4.8	4.9	4.8	4.8	4.8	4.8	4.7
95°F [35°C]	Total BTUH [kW]	78.3 [23.0]	76.6 [22.4]	74.9 [21.9]	72.0 [21.1]	70.4 [20.6]	68.8 [20.2]	66.5 [19.5]	65.0 [19.1]	63.6 [18.6]	62.8 [18.4]	61.0 [17.9]	59.6 [17.5]
	Sens BTUH [kW]	43.8 [12.8]	41.4 [12.1]	38.9 [11.4]	55.7 [16.3]	52.6 [15.4]	49.6 [14.5]	64.8 [19.0]	61.2 [17.9]	57.6 [16.9]	62.8 [18.4]	61.0 [17.9]	59.6 [17.5]
Power		5.3	5.3	5.2	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0
100°F [37.8°C]	Total BTUH [kW]	75.2 [22.0]	73.5 [21.5]	71.8 [21.0]	68.9 [20.2]	67.3 [19.7]	65.8 [19.3]	63.4 [18.6]	62.0 [18.2]	60.5 [17.7]	59.7 [17.5]	57.9 [17.0]	56.6 [16.6]
	Sens BTUH [kW]	41.7 [12.2]	39.4 [11.5]	37.1 [10.9]	53.6 [15.7]	50.6 [14.8]	47.7 [14.0]	62.7 [18.4]	59.2 [17.4]	55.8 [16.3]	59.7 [17.5]	57.9 [17.0]	56.6 [16.6]
Power		5.7	5.7	5.6	5.7	5.6	5.5	5.6	5.5	5.5	5.5	5.5	5.4
105°F [40.6°C]	Total BTUH [kW]	72.0 [21.1]	70.4 [20.6]	68.8 [20.1]	65.6 [19.2]	64.2 [18.8]	62.7 [18.4]	60.1 [17.6]	58.8 [17.2]	57.5 [16.8]	56.6 [16.6]	54.7 [16.0]	53.5 [15.7]
	Sens BTUH [kW]	39.7 [11.6]	37.5 [11.0]	35.3 [10.3]	51.6 [15.1]	48.8 [14.3]	45.9 [13.5]	60.1 [17.6]	57.3 [16.8]	54.0 [15.8]	56.6 [16.6]	54.7 [16.0]	53.5 [15.7]
Power		6.1	6.0	6.0	6.0	6.0	5.9	6.0	5.9	5.9	5.9	5.9	5.8
110°F [43.3°C]	Total BTUH [kW]	68.7 [20.1]	67.2 [19.7]	65.6 [19.2]	62.4 [18.3]	61.0 [17.9]	59.6 [17.5]	56.9 [16.7]	55.6 [16.3]	54.3 [15.9]	52.7 [15.3]	51.5 [15.1]	50.4 [14.8]
	Sens BTUH [kW]	37.8 [11.1]	35.7 [10.5]	33.6 [9.9]	49.7 [14.6]	47.0 [13.8]	44.2 [13.0]	56.9 [16.7]	53.6 [15.3]	50.3 [14.5]	52.7 [15.3]	51.5 [15.1]	50.4 [14.8]
Power		6.5	6.5	6.4	6.5	6.4	6.3	6.4	6.3	6.3	6.3	6.3	6.2
115°F [46.1°C]	Total BTUH [kW]	65.4 [19.2]	63.9 [18.7]	62.5 [18.3]	59.0 [17.3]	57.7 [16.9]	56.4 [16.5]	53.5 [15.7]	52.4 [15.3]	51.2 [15.0]	50.1 [14.7]	48.3 [14.1]	47.2 [13.8]
	Sens BTUH [kW]	36.1 [10.6]	34.1 [10.0]	32.1 [9.4]	48.0 [14.1]	45.3 [13.3]	42.7 [12.5]	53.5 [15.7]	50.4 [14.4]	47.9 [14.0]	49.4 [14.5]	48.3 [14.1]	47.2 [13.8]
Power		7.0	6.9	6.8	6.9	6.8	6.8	6.8	6.8	6.7	6.8	6.7	6.6
120°F [48.9°C]	Total BTUH [kW]	62.0 [18.2]	60.6 [17.8]	59.2 [17.4]	55.7 [16.3]	54.4 [16.0]	53.2 [15.6]	50.2 [14.7]	49.1 [14.4]	47.9 [14.0]	46.0 [13.5]	45.0 [13.2]	44.0 [12.9]
	Sens BTUH [kW]	34.4 [10.1]	32.5 [9.5]	30.6 [9.0]	46.4 [13.6]	43.8 [12.8]	41.2 [12.1]	50.2 [14.7]	47.9 [14.0]	45.8 [13.4]	46.0 [13.5]	45.0 [13.2]	44.0 [12.9]
Power		7.4	7.4	7.3	7.4	7.3	7.2	7.3	7.2	7.1	7.2	7.2	7.1
125°F [51.7°C]	Total BTUH [kW]	58.6 [17.2]	57.3 [16.8]	56.0 [16.4]	52.2 [15.3]	51.1 [15.0]	49.9 [14.6]	46.7 [13.7]	45.7 [13.4]	44.7 [13.1]	42.5 [12.4]	41.6 [12.2]	40.7 [11.9]
	Sens BTUH [kW]	32.9 [9.6]	31.1 [9.1]	29.3 [8.6]	44.8 [13.1]	42.4 [12.4]	39.9 [11.7]	46.7 [13.7]	43.5 [13.0]	40.3 [12.7]	42.5 [12.4]	41.6 [12.2]	40.7 [11.9]
Power		7.9	7.8	7.8	7.9	7.8	7.7	7.8	7.7	7.6	7.7	7.6	7.6

OUTDOOR DRY BULB TEMPERATURE °F [°C]

DR — Depression ratio
dbE — Entering air dry bulb
wbE — Entering air wet bulb

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

— Total capacity x 1000 BTUH
Sens — Sensible capacity x 1000 BTUH
Power — kW input

[] Designates Metric Conversions



HEATING PERFORMANCE DATA — RHPCZT072A

IDB		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]		2250 [1062]	2050 [967]	1750 [826]	2250 [1062]	2050 [967]	1750 [826]	2250 [1062]	2050 [967]	1750 [826]
0°F [-17.8°C]	Total BTUH [kW] Power	12.5 [3.7] 4.0	12.4 [3.6] 4.1	12.3 [3.6] 4.1	9.7 [2.8] 4.5	9.6 [2.8] 4.6	9.5 [2.8] 4.7	6.9 [2.0] 5.2	6.8 [2.0] 5.2	6.7 [2.0] 5.3
5°F [-15.0°C]	Total BTUH [kW] Power	18.5 [5.4] 4.1	18.4 [5.4] 4.1	18.2 [5.3] 4.2	15.7 [4.6] 4.6	15.6 [4.6] 4.7	15.4 [4.5] 4.7	12.9 [3.8] 5.2	12.8 [3.7] 5.3	12.6 [3.7] 5.4
10°F [-12.2°C]	Total BTUH [kW] Power	24.5 [7.2] 4.1	24.3 [7.1] 4.2	24.1 [7.1] 4.2	21.7 [6.4] 4.7	21.5 [6.3] 4.7	21.3 [6.2] 4.8	18.9 [5.5] 5.3	18.7 [5.5] 5.4	18.5 [5.4] 5.4
15°F [-9.4°C]	Total BTUH [kW] Power	30.6 [9.0] 4.2	30.3 [8.9] 4.2	30.0 [8.8] 4.3	27.7 [8.1] 4.7	27.5 [8.1] 4.8	27.2 [8.0] 4.9	24.9 [7.3] 5.3	24.7 [7.2] 5.4	24.4 [7.2] 5.5
20°F [-6.7°C]	Total BTUH [kW] Power	36.6 [10.7] 4.2	36.2 [10.6] 4.3	35.9 [10.5] 4.3	33.7 [9.9] 4.8	33.4 [9.8] 4.8	33.1 [9.7] 4.9	30.9 [9.1] 5.4	30.6 [9.0] 5.5	30.3 [8.9] 5.6
25°F [-3.9°C]	Total BTUH [kW] Power	42.6 [12.5] 4.3	42.2 [12.4] 4.3	41.8 [12.3] 4.4	39.7 [11.6] 4.8	39.4 [11.5] 4.9	39.0 [11.4] 5.0	36.9 [10.8] 5.4	36.6 [10.7] 5.5	36.2 [10.6] 5.6
30°F [-1.1°C]	Total BTUH [kW] Power	48.6 [14.2] 4.3	48.1 [14.1] 4.4	47.7 [14.0] 4.5	45.7 [13.4] 4.9	45.3 [13.3] 5.0	44.9 [13.2] 5.0	42.9 [12.6] 5.5	42.5 [12.5] 5.6	42.1 [12.3] 5.7
35°F [1.7°C]	Total BTUH [kW] Power	54.6 [16.0] 4.4	54.1 [15.9] 4.4	53.6 [15.7] 4.5	51.7 [15.2] 4.9	51.3 [15.0] 5.0	50.8 [14.9] 5.1	48.9 [14.3] 5.5	48.5 [14.2] 5.6	48.0 [14.1] 5.7
40°F [4.4°C]	Total BTUH [kW] Power	60.6 [17.8] 4.4	60.1 [17.6] 4.5	59.5 [17.4] 4.6	57.8 [16.9] 5.0	57.2 [16.8] 5.1	56.7 [16.6] 5.1	54.9 [16.1] 5.6	54.4 [15.9] 5.7	53.9 [15.8] 5.8
45°F [7.2°C]	Total BTUH [kW] Power	66.6 [19.5] 4.5	66.0 [19.3] 4.6	65.4 [19.2] 4.6	63.8 [18.7] 5.0	63.2 [18.5] 5.1	62.6 [18.4] 5.2	60.9 [17.9] 5.7	60.4 [17.7] 5.7	59.8 [17.5] 5.8
50°F [10.0°C]	Total BTUH [kW] Power	72.6 [21.3] 4.5	72.0 [21.1] 4.6	71.3 [20.9] 4.7	69.8 [20.4] 5.1	69.1 [20.3] 5.2	68.5 [20.1] 5.3	66.9 [19.6] 5.7	66.3 [19.4] 5.8	65.7 [19.3] 5.9

IDB—Indoor air dry bulb

[] Designates Metric Conversions

3-6T—LOW STATIC—SIDEFLOW (208-230V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RHPCZR036 (3T)	1050/1350	3/4 HP [559]	Fan - Tap 1	CFM	895	809	730	642	555	497	420	367
				WATTS	52	59	66	73	79	80	85	86
		3/4 HP [559]	Tap 2	CFM	1189	1111	1041	964	889	832	763	711
				WATTS	145	153	162	171	179	184	192	197
		3/4 HP [559]	Tap 3	CFM	1370	1297	1232	1163	1095	1038	974	922
				WATTS	201	211	221	231	240	248	257	264
		3/4 HP [559]	Cooling - Tap 4 *	CFM	1170	1091	1020	943	867	810	740	688
				WATTS	138	147	156	164	172	177	185	189
		3/4 HP [559]	High Speed - Tap 5	CFM	1513	1445	1389	1322	1269	1210	1153	1097
				WATTS	232	242	252	264	275	285	295	302
RHPCZR048 (4T)	1400/1800	3/4 HP [559]	Fan - Tap 1	CFM	895	809	730	642	555	497	420	367
				WATTS	52	59	66	73	79	80	85	86
		3/4 HP [559]	Tap 2	CFM	1288	1212	1144	1072	1001	944	878	825
				WATTS	175	185	194	203	212	219	227	233
		3/4 HP [559]	Tap 3	CFM	1567	1499	1439	1378	1318	1261	1203	1151
				WATTS	263	274	285	296	306	317	328	338
		3/4 HP [559]	Cooling - Tap 4 *	CFM	1507	1438	1376	1313	1250	1193	1133	1081
				WATTS	244	255	265	276	286	296	307	316
		3/4 HP [559]	High Speed - Tap 5	CFM	1876	1817	1766	1718	1671	1614	1564	1512
				WATTS	360	373	386	399	411	427	440	454
RHPCZR060 (5T)	1750/2250	1 HP [745]	Fan - Tap 1	CFM	1169	1092	1022	950	874	783	715	640
				WATTS	129	138	147	158	165	173	180	187
		1 HP [745]	Tap 2	CFM	1586	1519	1459	1399	1339	1279	1221	1161
				WATTS	283	294	305	316	329	340	351	361
		1 HP [745]	Tap 3	CFM	1852	1794	1738	1684	1628	1575	1523	1471
				WATTS	437	450	463	476	491	503	516	529
		1 HP [745]	Cooling - Tap 4 *	CFM	1954	1899	1845	1792	1739	1688	1639	1590
				WATTS	496	510	524	537	553	566	580	594
		1 HP [745]	High Speed - Tap 5	CFM	2298	2254	2199	2154	2106	2059	2014	1976
				WATTS	929	956	981	1001	1030	1056	1081	1105
RHPCZT072 (6T)		1.2 HP [895]	Fan/Low Heat - Tap 1	CFM	1384	1319	1249	1188	1127	1066	1006	947
				WATTS	192	204	215	225	240	245	255	265
		1.2 HP [895]	High Heat - Tap 2	CFM	1802	1753	1698	1648	1597	1548	1500	1457
				WATTS	374	389	402	423	439	449	467	481
		1.2 HP [895]	Low Cool - Tap 3	CFM	1624	1548	1465	1394	1322	1251	1181	900
				WATTS	225	239	252	264	282	288	299	248
		1.2 HP [895]	High Cool - Tap 4	CFM	2331	2290	2245	2204	2159	2118	2072	2036
				WATTS	700	718	730	745	760	782	797	820
		1.2 HP [895]	High Speed - Tap 5	CFM	2488	2441	2396	2358	2325	2276	2227	2194
				WATTS	836	859	875	890	906	920	935	960

NOTES: * Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250)
Pressure drops across the 6T CFM range
Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C.
Reheat coil: ~0.09 Inches W.C.

[] Designates Metric Conversions



Air

3-6T – HIGH STATIC – SIDEFLOW (208-230V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RHPCZR036 (3T)	1050/1350	1 HP [745]	Fan - Tap 1	CFM	1037	974	913	851	795	786	729	676
				WATTS	261	270	279	287	294	298	306	312
		1 HP [745]	Tap 2	CFM	1393	1338	1286	1232	1183	1158	1107	1058
				WATTS	474	485	497	509	520	529	540	549
		1 HP [745]	Tap 3	CFM	1588	1538	1491	1442	1397	1363	1314	1268
				WATTS	591	603	617	630	644	655	668	680
		1 HP [745]	Cooling - Tap 4 *	CFM	1037	974	913	851	795	786	729	676
				WATTS	261	270	279	287	294	298	306	312
		1 HP [745]	High Speed - Tap 5	CFM	1495	1443	1398	1352	1303	1252	1202	1147
				WATTS	493	508	519	531	542	555	563	575
RHPCZR048 (4T)	1400/1800	1 HP [745]	Fan - Tap 1	CFM	1371	1316	1264	1209	1160	1109	1057	1008
				WATTS	461	472	484	495	506	517	527	537
		1 HP [745]	Tap 2	CFM	1675	1627	1582	1535	1492	1444	1397	1352
				WATTS	643	656	671	684	699	712	725	738
		1 HP [745]	Tap 3	CFM	1740	1693	1650	1605	1563	1516	1470	1426
				WATTS	681	695	711	725	740	754	768	781
		1 HP [745]	Cooling - Tap 4 *	CFM	1360	1305	1252	1198	1148	1097	1045	996
				WATTS	454	466	477	488	499	510	520	530
		1 HP [745]	High Speed - Tap 5	CFM	1800	1762	1721	1676	1641	1587	1546	1512
				WATTS	692	706	719	737	755	768	780	795
RHPCZR060 (5T)	1750/2250	1 HP [745]	Fan - Tap 1	CFM	1527	1476	1427	1377	1330	1281	1232	1185
				WATTS	554	567	580	592	605	617	629	640
		1 HP [745]	Tap 2	CFM	1523	1471	1423	1372	1326	1277	1227	1180
				WATTS	552	564	577	590	602	614	626	637
		1 HP [745]	Tap 3	CFM	1935	1893	1855	1814	1776	1732	1689	1647
				WATTS	798	813	831	846	864	880	895	910
		1 HP [745]	Cooling - Tap 4 *	CFM	1581	1531	1484	1435	1390	1341	1293	1247
				WATTS	587	599	613	626	640	652	664	676
		1 HP [745]	High Speed - Tap 5	CFM	2151	2115	2082	2046	2013	1972	1932	1893
				WATTS	928	945	964	981	1001	1020	1037	1054
RHPCZT072 (6T)		1.2 HP [895]	Fan/Low Heat - Tap 1	CFM	1200	1071	981	903	823	755	679	610
				WATTS	336	343	354	359	368	374	383	395
		1.2 HP [895]	High Heat - Tap 2	CFM	1950	1902	1860	1818	1776	1729	1686	1646
				WATTS	771	786	799	814	830	841	857	873
		1.2 HP [895]	Low Cool - Tap 3	CFM	1111	992	908	836	762	699	629	424
				WATTS	311	318	327	332	340	346	354	291
		1.2 HP [895]	High Cool - Tap 4	CFM	2331	2290	2245	2204	2159	2118	2072	2036
				WATTS	700	718	730	745	760	782	797	820
		1.2 HP [895]	High Speed - Tap 5	CFM	2462	2416	2371	2337	2294	2251	2214	2165
				WATTS	1053	1063	1078	1085	1100	1113	1121	1135

NOTES: * Tap 4 - Factory Cooling Tap
 Pressure drops across the 3-5T CFM range (1050 - 2250)
 Pressure drops across the 6T CFM range
 Wet coil: ~0.09 Inches W.C.
 Downflow: ~0.1 Inches W.C.
 Reheat coil: ~0.09 Inches W.C.

[] Designates Metric Conversions



3-6T—LOW STATIC—SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RHPCZR036 (3T)	1050/1350	3/4 HP [559]	Fan - Tap 1	CFM	1110	956	870	792	709	630	549	512
				WATTS	79	78	84	91	98	104	110	111
		3/4 HP [559]	Tap 2	CFM	1255	1120	1040	965	887	813	738	697
				WATTS	145	147	155	163	172	179	186	190
		3/4 HP [559]	Tap 3	CFM	1621	1534	1467	1401	1337	1273	1212	1163
				WATTS	311	321	334	346	357	368	379	388
		3/4 HP [559]	Cooling - Tap 4	CFM	1392	1276	1200	1128	1056	986	916	872
				WATTS	207	212	222	232	241	250	259	264
		3/4 HP [559]	High Speed - Tap 5	CFM	1745	1673	1618	1549	1497	1435	1388	1334
				WATTS	341	357	370	384	396	407	418	430
RHPCZR048 (4T)	1400/1800	3/4 HP [559]	Fan - Tap 1	CFM	1110	956	870	792	709	630	549	512
				WATTS	79	78	84	91	98	104	110	111
		3/4 HP [559]	Tap 2	CFM	1345	1222	1145	1072	998	926	854	812
				WATTS	186	190	199	208	217	225	234	239
		3/4 HP [559]	Tap 3	CFM	1755	1686	1624	1561	1503	1443	1387	1334
				WATTS	372	386	399	413	425	437	449	461
		3/4 HP [559]	Cooling - Tap 4 *	CFM	1738	1667	1604	1541	1482	1422	1365	1313
				WATTS	365	378	391	404	417	429	441	452
		3/4 HP [559]	High Speed - Tap 5	CFM	2081	2034	1981	1922	1873	1816	1769	1722
				WATTS	560	576	592	609	625	641	657	672
RHPCZR060 (5T)	1750/2250	1 HP [745]	Fan - Tap 1	CFM	1235	1155	1077	1013	955	882	778	691
				WATTS	150	159	169	177	185	193	204	211
		1 HP [745]	Tap 2	CFM	1453	1382	1311	1246	1188	1131	1064	1002
				WATTS	186	198	209	219	228	236	246	255
		1 HP [745]	Tap 3	CFM	1975	1921	1863	1808	1756	1707	1654	1602
				WATTS	541	557	573	590	605	618	632	644
		1 HP [745]	Cooling - Tap 4 *	CFM	2049	1996	1941	1887	1836	1788	1737	1687
				WATTS	591	608	625	642	657	672	686	699
		1 HP [745]	High Speed - Tap 5	CFM	2408	2367	2318	2267	2226	2177	2139	2089
				WATTS	861	884	900	921	939	957	974	996
RHPCZT072 (6T)		1.2 HP [895]	Fan/Low Heat - Tap 1	CFM	1384	1319	1249	1188	1127	1066	1006	947
				WATTS	192	204	215	225	240	245	255	265
		1.2 HP [895]	High Heat - Tap 2	CFM	1787	1738	1684	1634	1583	1534	1486	1444
				WATTS	365	381	395	415	432	442	460	474
		1.2 HP [895]	Low Cool - Tap 3	CFM	1624	1548	1465	1394	1322	1251	1181	900
				WATTS	225	239	252	264	282	288	299	248
		1.2 HP [895]	High Cool - Tap 4	CFM	2331	2290	2245	2204	2159	2118	2072	2036
				WATTS	700	718	730	745	760	782	797	820
		1.2 HP [895]	High Speed - Tap 5	CFM	2488	2441	2396	2358	2325	2276	2227	2194
				WATTS	836	859	875	890	906	920	935	960

NOTES: 1. For 575V units, add 30W (transformer wattage) to the watt values mentioned in the table.

2. Factory tap settings are marked with an asterisk *.

3. Pressure drops across the 3-5T CFM range (1050 - 2250)

Pressure drops across the 6T CFM range

Wet coil: ~0.09 Inches W.C.

Downflow: ~0.1 Inches W.C.

Reheat coil: ~0.09 Inches W.C.

[] Designates Metric Conversions



Air

3-6T — HIGH STATIC — SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RHPCZR036 (3T)	1050/1350	1 HP [745]	Fan - Tap 1	CFM	958	895	828	768	722	669	684	653
				WATTS	226	235	247	259	280	304	337	371
		1 HP [745]	Tap 2	CFM	958	895	828	768	722	669	684	653
				WATTS	226	235	247	259	280	304	337	371
		1 HP [745]	Tap 3	CFM	1591	1540	1486	1434	1375	1311	1263	1179
				WATTS	637	649	659	668	670	667	664	649
		1 HP [745]	Cooling - Tap 4 *	CFM	1064	1002	938	879	831	776	780	741
				WATTS	295	304	315	327	345	365	391	417
		1 HP [745]	High Speed - Tap 5	CFM	1526	1481	1440	1392	1336	1285	1231	1175
				WATTS	531	540	552	563	578	588	598	610
RHPCZR048 (4T)	1400/1800	1 HP [745]	Fan - Tap 1	CFM	1061	1000	935	877	828	774	778	739
				WATTS	293	302	314	325	344	363	390	416
		1 HP [745]	Tap 2	CFM	1438	1384	1327	1272	1217	1156	1123	1052
				WATTS	537	549	559	569	576	579	585	581
		1 HP [745]	Tap 3	CFM	1629	1579	1526	1474	1415	1350	1298	1211
				WATTS	662	674	684	693	694	689	684	666
		1 HP [745]	Cooling - Tap 4 *	CFM	1434	1380	1323	1269	1213	1152	1120	1049
				WATTS	535	546	557	567	574	577	583	580
		1 HP [745]	High Speed - Tap 5	CFM	1795	1751	1710	1668	1629	1581	1538	1490
				WATTS	721	734	745	758	770	784	795	811
RHPCZR060 (5T)	1750/2250	1 HP [745]	Fan - Tap 1	CFM	1063	1000	909	849	796	743	695	644
				WATTS	311	319	331	341	355	365	375	384
		1 HP [745]	Tap 2	CFM	1063	1000	909	849	796	743	695	644
				WATTS	311	319	331	341	355	365	375	384
		1 HP [745]	Tap 3	CFM	1444	1390	1335	1279	1220	1161	1090	1035
				WATTS	468	487	488	499	505	514	513	521
		1 HP [745]	Cooling - Tap 4 *	CFM	1826	1795	1754	1714	1674	1636	1590	1540
				WATTS	681	700	720	738	757	774	787	799
		1 HP [745]	High Speed - Tap 5	CFM	2127	2076	2045	2000	1966	1930	1894	1871
				WATTS	906	924	941	958	977	1008	1021	1049
RHPCZT072 (6T)		1.2 HP [895]	Fan/Low Heat - Tap 1	CFM	1200	1071	981	903	823	755	679	610
				WATTS	336	343	354	359	368	374	383	395
		1.2 HP [895]	High Heat - Tap 2	CFM	1950	1902	1860	1818	1776	1729	1686	1646
				WATTS	771	786	799	814	830	841	857	873
		1.2 HP [895]	Low Cool - Tap 3	CFM	1111	992	908	836	762	699	629	424
				WATTS	311	318	327	332	340	346	354	291
		1.2 HP [895]	High Cool - Tap 4	CFM	2331	2290	2245	2204	2159	2118	2072	2036
				WATTS	700	718	730	745	760	782	797	820
		1.2 HP [895]	High Speed - Tap 5	CFM	2462	2416	2371	2337	2294	2251	2214	2165
				WATTS	1053	1063	1078	1085	1100	1113	1121	1135

NOTES: 1. For 575V units, add 30W (transformer wattage) to the watt values mentioned in the table.

2. Factory tap settings are marked with an asterisk *.

3. Pressure drops across the 3-5T CFM range (1050 - 2250)

Pressure drops across the 6T CFM range

Wet coil: ~0.09 Inches W.C.

Downflow: ~0.1 Inches W.C.

Reheat coil: ~0.09 Inches W.C.

[] Designates Metric Conversions



ELECTRICAL DATA—RHPCZ(-) SERIES

	036ACT	036ACU	036ADT	036ADU	036AJT	036AJU	048ACT	048ACU	048ADT
Unit Information	Unit Operating Voltage Range	187-253	418-506	418-506	187-253	187-253	187-253	187-253	418-506
	Volts	208/230	460	460	208/230	208/230	208/230	208/230	460
	Phase	3	3	3	1	1	3	3	3
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	21	26	12	31	36	26	32	13
	Minimum Overcurrent Protection Device Size	25	30	15	35	40	30	35	15
	Maximum Overcurrent Protection Device Size	30	35	15	45	50	35	40	15
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	480	208/230	208/230	208/230	208/230	460
	Phase	3	3	3	1	1	3	3	3
Compressor Motor	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor¹	2 1/2	2 1/2	2 1/2	3	3	3 1/2	3 1/2	3 1/2
	Amps (RLA), Comp.¹	11.6	11.6	6.4	22.6	22.6	15.3	15.3	6.9
	Amps (LRA), Comp.¹	73	73	38	79	79	83.1	83.1	41
	No.	1	1	1	2	2	1	1	1
Condenser Motor	Volts	208/230	208/230	480	208/230	208/230	208/230	208/230	460
	Phase	1	1	1	1	1	1	1	1
	HP	1/5	1/5	1/5	1/5	1/5	1/2	1/2	1/2
	Amps (FLA, each)	1.2	1.2	0.8	1.2	1.2	2.5	2.5	1.5
	Amps (LRA, each)	2.3	2.3	1.4	2.3	2.3	5.6	5.6	3.1
Evaporator Fan	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	208/230	208/230	208/230	208/230	460
	Phase	1	1	1	1	1	1	1	1
	HP	3/4	1 1/2	3/4	3/4	1 1/2	3/4	1 1/2	3/4
	Amps (FLA, each)	6	6	3.2	6	6	6	6	3.2

ELECTRICAL DATA—RHPCZ(-) SERIES									
	048ADU	048AJT	048AJU	060ACT	060ACU	060ADT	060ADU	060AJT	060AJU
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	418-506	418-506	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	460	460	208/230	208/230
	Phase	1	1	3	3	3	3	1	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	36	42	34	34	16	16	49	49
Unit Information	Minimum Overcurrent Protection Device Size	15	50	40	40	20	20	60	60
	Maximum Overcurrent Protection Device Size	15	50	45	45	20	20	70	70
	No.	1	1	1	1	1	1	1	1
Compressor Motor	Volts	208/230	208/230	208/230	208/230	460	460	208/230	208/230
	Phase	1	1	3	3	3	3	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor ¹	3 1/2	3 1/2	4	4	4	4	4	4
	Amps (RLA), Comp. ¹	6.9	24.3	17.8	17.8	8.6	8.6	29.4	29.4
Compressor Motor	Amps (LRA), Comp. ¹	41	117	110	110	52	52	134	134
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Condenser Motor	Amps (FLA, each)	1.5	2.5	2.5	2.5	1.5	1.5	2.5	2.5
	Amps (LRA, each)	3.1	5.6	5.6	5.6	3.1	3.1	5.6	5.6
	No.	1	1	1	1	1	1	1	1
Evaporator Fan	Volts	208/230	208/230	208/230	208/230	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1 1/2	3/4	1	1	1	1 1/2	1	1 1/2
	Amps (FLA, each)	3.2	6	6	11.5	4	4	11.5	11.5

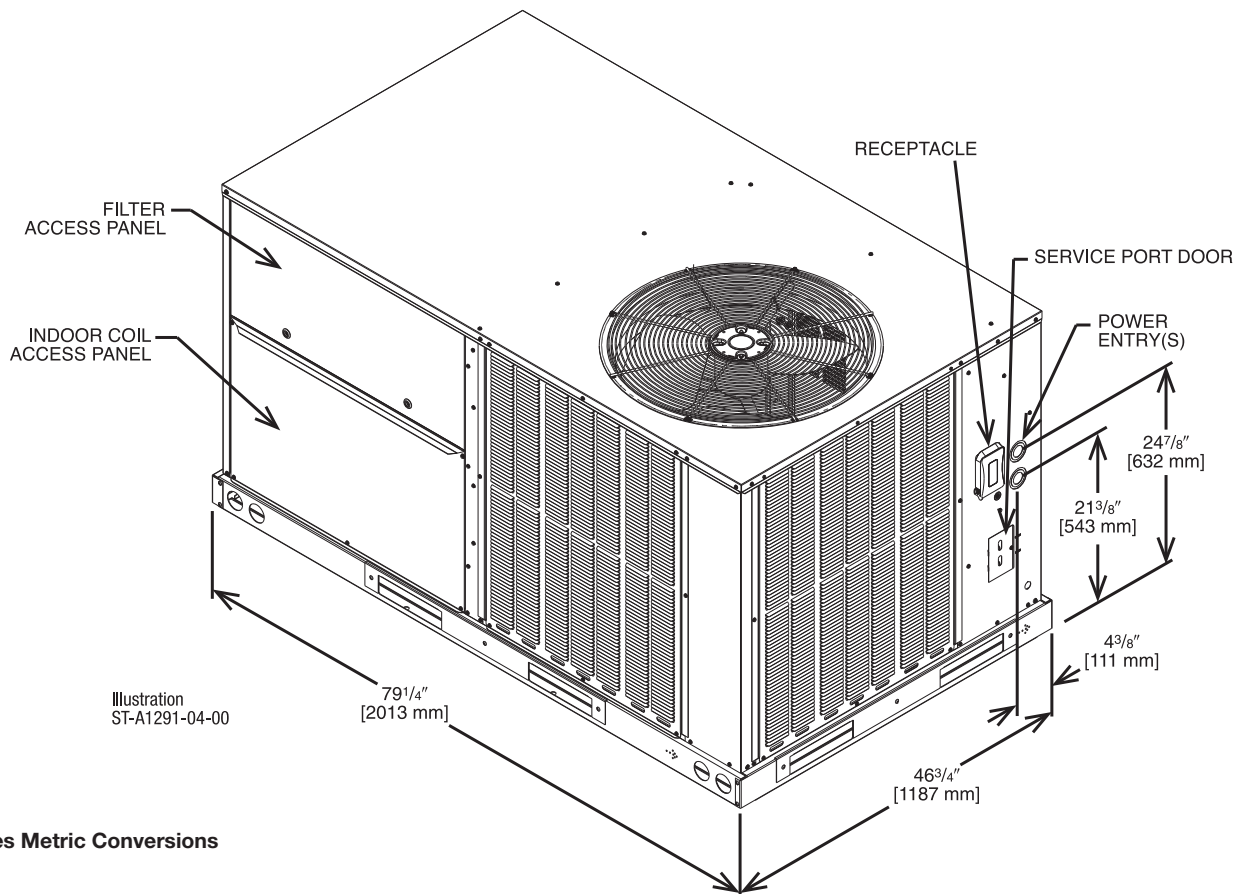
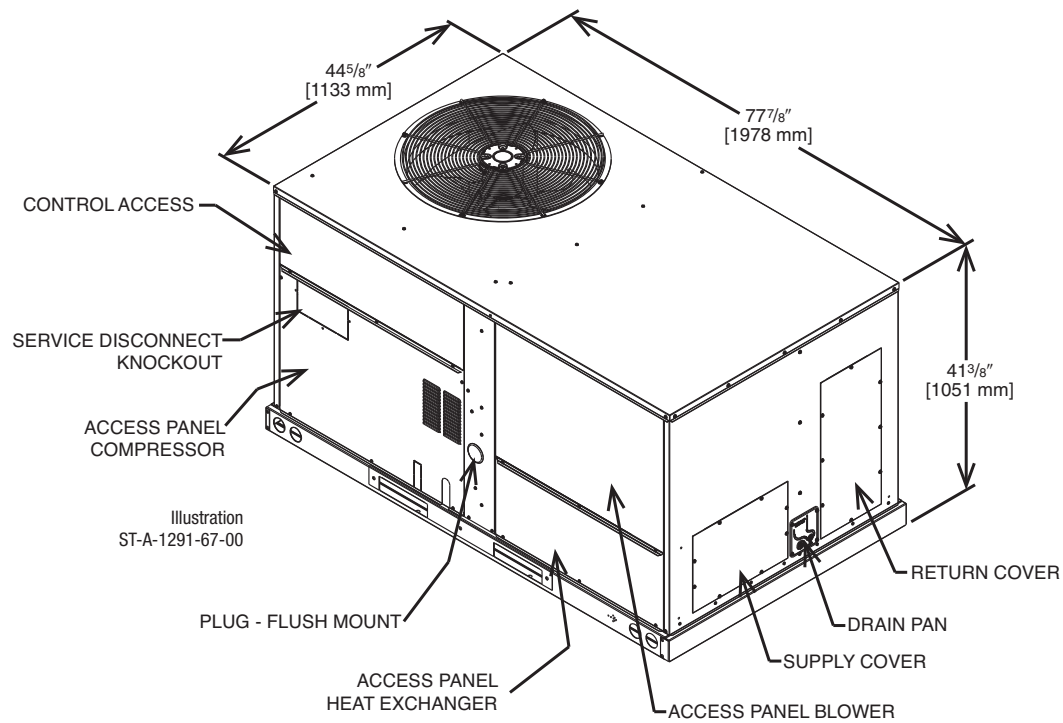
ELECTRICAL DATA—RHPCZ(-) SERIES

		072ACT	072ACU	072ADT	072ADU
Unit Information	Unit Operating Voltage Range	187-253	187-253	418-506	418-506
	Volts	208/230	208/230	460	460
	Phase	3	3	3	3
	Hz	60	60	60	60
	Minimum Circuit Ampacity	36	36	18	18
	Minimum Overcurrent Protection Device Size	45	45	25	25
	Maximum Overcurrent Protection Device Size	50	50	25	25
Compressor Motor	No.	1	1	1	1
	Volts	230	230	460	460
	Phase	3	3	3	3
	RPM	3450	3450	3450	3450
	HP, Compressor ¹	5	5	5	5
	Amps (RLA), Comp. ¹	17.6	17.6	8.5	8.5
	Amps (LRA), Comp. ¹	136	136	66.1	66.1
Condenser Motor	No.	1	1	1	1
	Volts	230	230	460	460
	Phase	1	1	1	1
	HP	1	1	1	1
	Amps (FLA, each)	7.4	7.4	3.6	3.6
	Amps (LRA, each)				
Evaporator Fan	No.	1	1	1	1
	Volts	230	230	460	460
	Phase	1	1	1	1
	HP	1 1/5	1 1/5	1 1/5	1 1/5
	Amps (FLA, each)	6.6	6.6	3.7	3.7

208/230V, Three Phase, 60 Hz, Auxiliary Electric Heater Kit Characteristics and Application									
Single Power Supply for Both Unit and Heater Kit						Separate Power Supply for Both Unit and Heater Kit			
Unit Model Number RHPCZ(-)	Heater Kit			Air Conditioner		Heater Kit		Air Conditioner	
	Model No. RXJJ-	Rated Heater kW @ 208/240V	FLA	Unit Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)
036ACT	NONE	—	—	20/20	30/30	—	—	20/20	30/30
	DC10CP	7.5/10.0	20.9/24.1	47/51	50/60	27/31	30/35	20/20	30/30
	DC15CP	11.3/15.0	31.4/36.2	60/66	70/70	40/46	40/50	20/20	30/30
	DC20CP	15.0/20.0	41.7/48.1	73/81	80/90	53/61	60/70	20/20	30/30
036ACU	NONE	—	—	26/26	35/35	—	—	26/26	35/35
	DC10CP	7.5/10.0	20.9/24.1	52/56	60/60	27/31	30/35	26/26	35/35
	DC15CP	11.3/15.0	31.4/36.2	66/72	70/80	40/46	40/50	26/26	35/35
	DC20CP	15.0/20.0	41.7/48.1	78/86	90/90	53/61	60/70	26/26	35/35
048ACT	NONE	—	—	26/26	35/35	—	—	26/26	35/35
	DC10CP	7.5/10.0	20.9/24.1	52/56	60/60	27/31	30/35	26/26	35/35
	DC15CP	11.3/15.0	31.4/36.2	65/71	70/80	40/46	40/50	26/26	35/35
	DC20CP	15.0/20.0	41.7/48.1	78/86	80/90	53/61	60/70	26/26	35/35
048ACU	NONE	—	—	31/31	40/40	—	—	31/31	40/40
	DC10CP	7.5/10.0	20.9/24.1	58/62	70/70	27/31	30/35	31/31	40/40
	DC15CP	11.3/15.0	31.4/36.2	71/77	80/80	40/46	40/50	31/31	40/40
	DC20CP	15.0/20.0	41.7/48.1	84/92	90/100	53/61	60/70	31/31	40/40
060ACT	NONE	—	—	33/33	45/45	—	—	33/33	45/45
	DC10CP	7.5/10.0	20.9/24.1	60/64	70/70	27/31	30/35	33/33	45/45
	DC15CP	11.3/15.0	31.4/36.2	73/79	80/90	40/46	40/50	33/33	45/45
	DC20CP	15.0/20.0	41.7/48.1	86/94	90/100	53/61	60/70	33/33	45/45
060ACU	NONE	—	—	37/37	50/50	—	—	37/37	50/50
	DC10CP	7.5/10.0	20.9/24.1	63/67	70/80	27/31	30/35	37/37	50/50
	DC15CP	11.3/15.0	31.4/36.2	77/83	90/90	40/46	40/50	37/37	50/50
	DC20CP	15.0/20.0	41.7/48.1	89/97	100/110	53/61	60/70	37/37	50/50
072ACT	NONE	—	—	36/36	50/50	—	—	36/36	50/50
	DC15CP	11.3/15.0	31.4/36.2	76/82	80/90	40/46	40/50	36/36	50/50
	DC20CP	15.0/20.0	41.7/48.1	89/97	100/100	53/61	60/70	36/36	50/50
	DC24CP	18.0/24.0	50.0/57.7	99/109	110/125	63/73	70/80	36/36	50/50
072ACU	NONE	—	—	36/36	50/50	—	—	36/36	50/50
	DC15CP	11.3/15.0	31.4/36.2	76/82	80/90	40/46	40/50	36/36	50/50
	DC20CP	15.0/20.0	41.7/48.1	89/97	100/100	53/61	60/70	36/36	50/50
	DC24CP	18.0/24.0	50.0/57.7	99/109	110/125	63/73	70/80	36/36	50/50

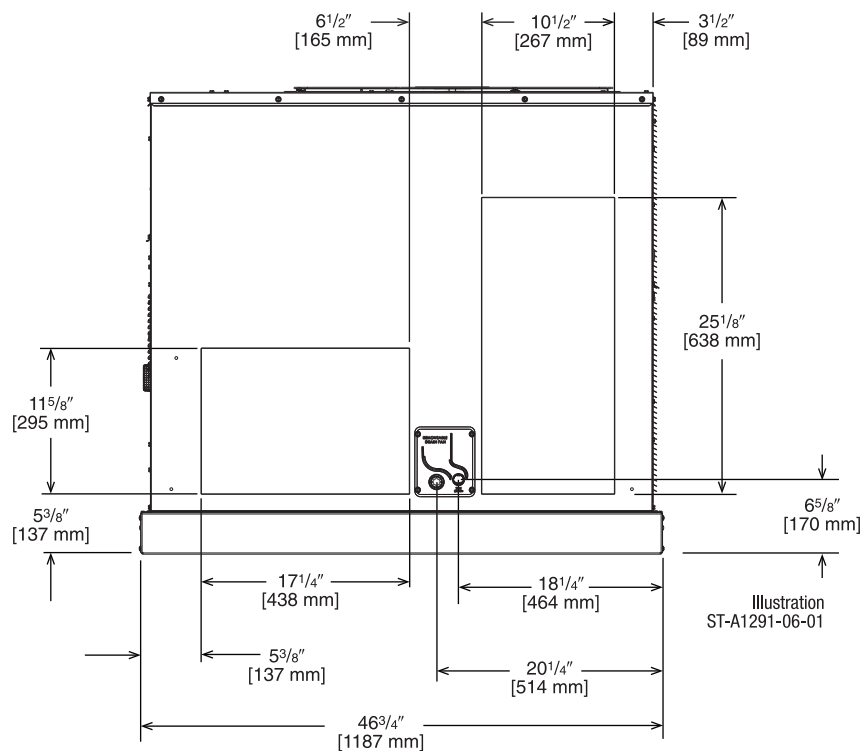
208/230V, Single Phase, 60 Hz, Auxiliary Electric Heater Kit Characteristics and Application									
Single Power Supply for Both Unit and Heater Kit						Separate Power Supply for Both Unit and Heater Kit			
Unit Model Number RHPCZ(-)	Heater Kit			Air Conditioner		Heater Kit		Air Conditioner	
	Model No. RXJJ-	Rated Heater kW @ 208/240V	FLA	Unit Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)
036AJT	NONE	—	—	29/29	40/40	—	—	29/29	40/40
	DC10JT	7.5/10.0	36.2/41.7	74/81	80/90	46/53	50/60	29/29	40/40
	DC15JT	11.3/15.0	54.3/62.7	96/107	100/110	68/79	70/80	29/29	40/40
	DC20JT	15.0/20.0	72.2/83.3	119/133	125/150	91/105	100/110	29/29	40/40
036AJU	NONE	—	—	34/34	50/50	—	—	34/34	50/50
	DC10JT	7.5/10.0	36.2/41.7	79/86	90/90	46/53	50/60	34/34	50/50
	DC15JT	11.3/15.0	54.3/62.7	102/112	110/125	68/79	70/80	34/34	50/50
	DC20JT	15.0/20.0	72.2/83.3	124/138	150/150	91/105	100/110	34/34	50/50
048AJT	NONE	—	—	36/36	50/50	—	—	36/36	50/50
	DC10JT	7.5/10.0	36.2/41.7	81/88	90/90	46/53	50/60	36/36	50/50
	DC15JT	11.3/15.0	54.3/62.7	104/114	110/125	68/79	70/80	36/36	50/50
	DC20JT	15.0/20.0	72.2/83.3	126/140	150/150	91/105	100/110	36/36	50/50
048AJU	NONE	—	—	42/42	60/60	—	—	42/42	60/60
	DC10JT	7.5/10.0	36.2/41.7	87/94	90/100	46/53	50/60	42/42	60/60
	DC15JT	11.3/15.0	54.3/62.7	109/120	125/125	68/79	70/80	42/42	60/60
	DC20JT	15.0/20.0	72.2/83.3	132/146	150/150	91/105	100/110	42/42	60/60
060AJT	NONE	—	—	46/46	70/70	—	—	46/46	70/70
	DC10JT	7.5/10.0	36.2/41.7	92/99	100/110	46/53	50/60	46/46	70/70
	DC15JT	11.3/15.0	54.3/62.7	114/125	125/150	68/79	70/80	46/46	70/70
	DC20JT	15.0/20.0	72.2/83.3	137/151	150/175	91/105	100/110	46/46	70/70
060AJU	NONE	—	—	50/50	70/70	—	—	50/50	70/70
	DC10JT	7.5/10.0	36.2/41.7	96/102	110/110	46/53	50/60	50/50	70/70
	DC15JT	11.3/15.0	54.3/62.7	118/129	125/150	68/79	70/80	50/50	70/70
	DC20JT	15.0/20.0	72.2/83.3	141/154	150/175	91/105	100/110	50/50	70/70

@ 460V Three Phase, 60 Hz, Auxiliary Electric Heater Kit Characteristics and Application									
Single Power Supply for Both Unit and Heater Kit						Separate Power Supply for Both Unit and Heater Kit			
Unit Model Number RHPCZ(-)	Heater Kit			Air Conditioner		Heater Kit		Air Conditioner	
	Model No. RXJJ-	Rated Heater kW @ 208/240V	FLA	Unit Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)	Min. Ckt. Ampacity	Max Fuse or Ckt. Bkr. Size (Ckt Bkr Must Be HACR Type for USA)
036ADT	NONE	—	—	12	15	—	—	12	15
	DC10DNV	10.0	12.0	27	30	15	15	12	15
	DC15DNV	15.0	18.1	34	35	23	25	12	15
	DC20DNV	20.0	24.1	42	45	31	35	12	15
036ADU	NONE	—	—	11	15	—	—	11	15
	DC10DNV	10.0	12.0	26	30	15	15	11	15
	DC15DNV	15.0	18.1	33	35	23	25	11	15
	DC20DNV	20.0	24.1	41	45	31	35	11	15
048ADT	NONE	—	—	13	15	—	—	13	15
	DC10DNV	10.0	12.0	28	30	15	15	13	15
	DC15DNV	15.0	18.1	36	40	23	25	13	15
	DC20DNV	20.0	24.1	43	45	31	35	13	15
048ADU	NONE	—	—	12	15	—	—	12	15
	DC10DNV	10.0	12.0	27	30	15	15	12	15
	DC15DNV	15.0	18.1	34	35	23	25	12	15
	DC20DNV	20.0	24.1	42	45	31	35	12	15
060ADT	NONE	—	—	17	20	—	—	17	20
	DC10DNV	10.0	12.0	32	35	15	15	17	20
	DC15DNV	15.0	18.1	39	45	23	25	17	20
	DC20DNV	20.0	24.1	47	50	31	35	17	20
060ADU	NONE	—	—	16	20	—	—	16	20
	DC10DNV	10.0	12.0	31	35	15	15	16	20
	DC15DNV	15.0	18.1	39	45	23	25	16	20
	DC20DNV	20.0	24.1	47	50	31	35	16	20
072ADT	NONE	—	—	18	25	—	—	18	25
	DC15DNV	15.0	18.1	41	45	23	25	18	25
	DC20DNV	20.0	24.1	49	50	31	35	18	25
	DC24DNV	24.0	28.9	55	60	37	40	18	25
072ADU	NONE	—	—	18	25	—	—	18	25
	DC15DNV	15.0	18.1	41	45	23	25	18	25
	DC20DNV	20.0	24.1	49	50	31	35	18	25
	DC24DNV	24.0	28.9	55	60	37	40	18	25

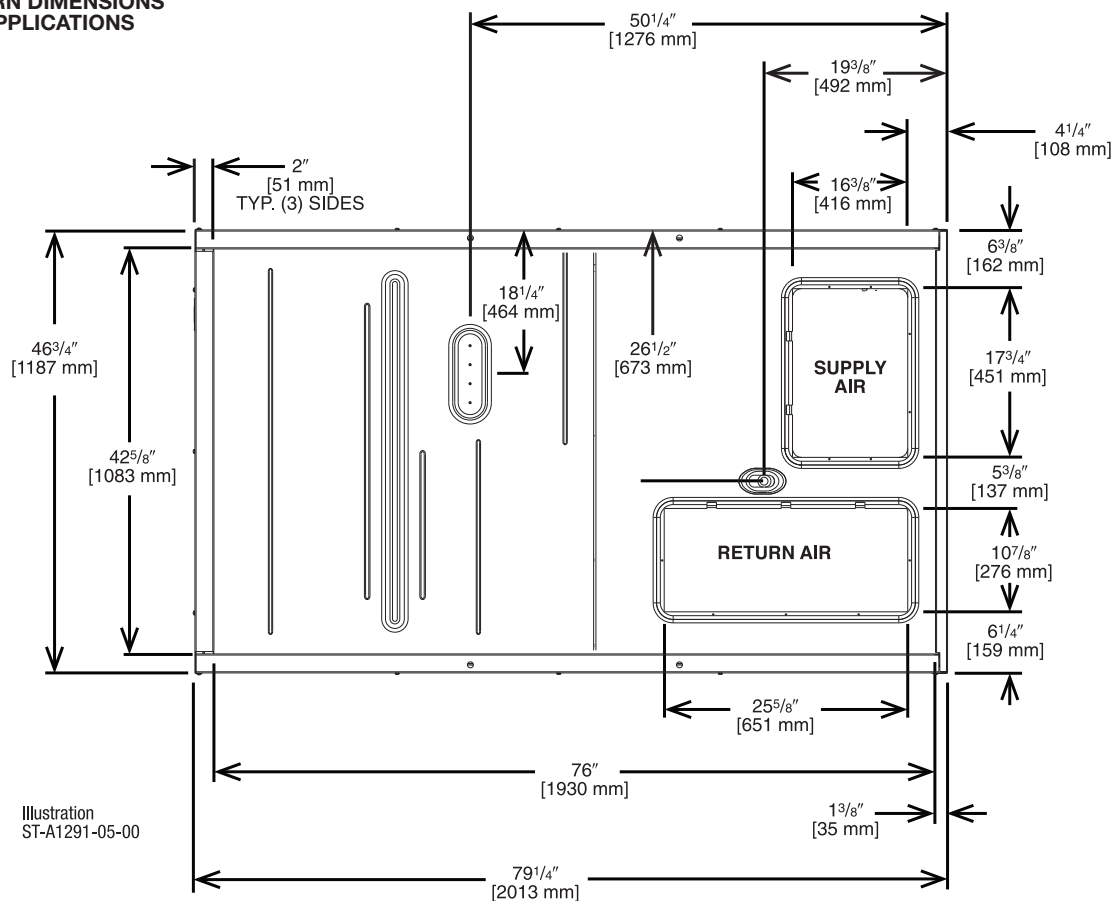


[] Designates Metric Conversions

SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS



SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS



[] Designates Metric Conversions

WEIGHTS

Capacity Tons [kW]	Corner Weights by Percentage			
	A	B	C	D
3.0-6.0 [10.6-21.1]	18%	40%	19%	23%

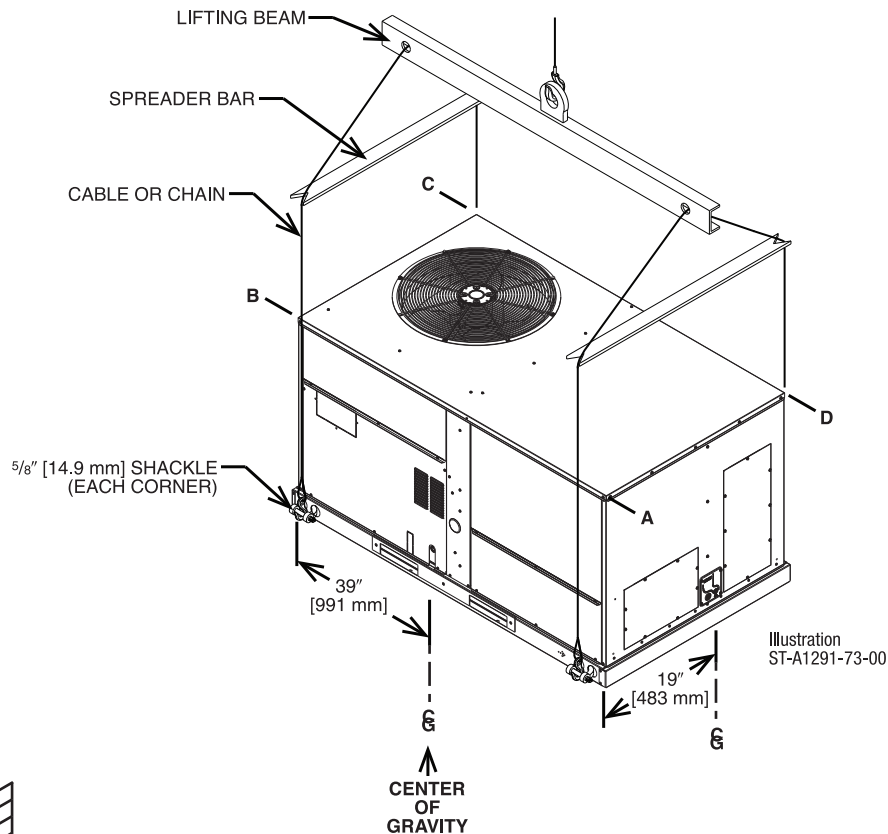


Illustration
ST-A1291-73-00

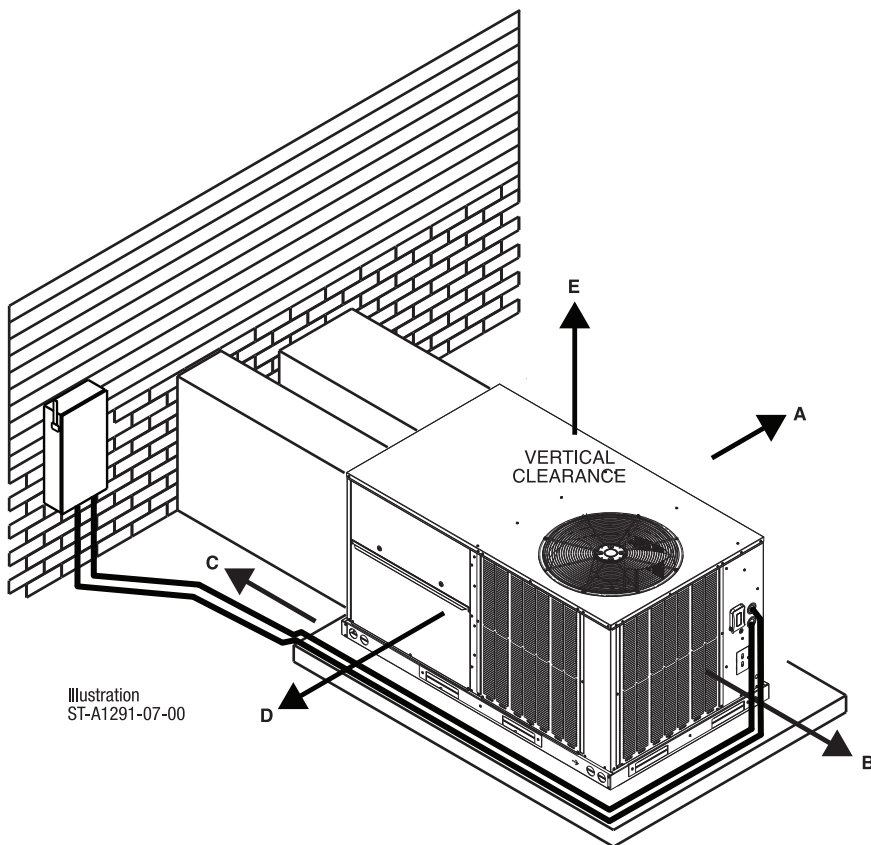


Illustration
ST-A1291-07-00

CLEARANCES

THE FOLLOWING MINIMUM CLEARANCES MUST BE OBSERVED FOR PROPER UNIT PERFORMANCE AND SERVICEABILITY.

RECOMMENDED CLEARANCE In. [mm]	LOCATION
48 [1219]	A - FRONT
24 [609]	B - CONDENSER END
48 [1219] ①	C - DUCT END
24 [609] ②	*D - FILTER SIDE
60 [1524]	E - ABOVE

① 18" [457 mm] MINIMUM IF DRAINPAN WILL NOT BE REMOVED.

② 48" [1219 mm] MINIMUM IF ECONOMIZER IS INSTALLED.

[] Designates Metric Conversions



Air

Field-Installed Accessories
RHPC Series

FIELD-INSTALLED ACCESSORY EQUIPMENT

Accessory	Model Number	Shipping Weight Lbs. [kg]	Installed Weight Lbs. [kg]	Factory Installation Available?
Economizer w/Single Enthalpy (Downflow/Vertical)	RXRD-01MCDAM3	100 [45.4]	66 [29.9]	Yes
Economizer w/Single Enthalpy (Horizontal)	RXRD-01MCHAM3	72 [32.7]	69 [31.3]	No
Economizer-w/Single Enthalpy (Downflow/Vertical) DDC	RXRD-01MCDBM3	100 [45.4]	66 [29.9]	Yes
Economizer w/Single Enthalpy (Horizontal) DDC	RXRD-01MCHBM3	72 [32.7]	69 [31.3]	No
Dual Enthalpy Kit	RXRX-BV01	1 [0.5]	1 [0.5]	No
Dual Enthalpy Kit DDC	RXRX-BV02	1 [0.5]	1 [0.5]	No
Power Exhaust (230V) Vertical	RXRX-CCF02C	24 [10.9]	21 [9.5]	No
Power Exhaust (460V) Vertical	RXRX-CCF02D	20 [9.1]	17 [7.7]	No
Power Exhaust (230V) Horizontal	RXRX-CCF03C	42 [19.1]	39 [17.7]	No
Power Exhaust (460V) Horizontal	RXRX-CCF03D	42 [19.1]	39 [17.7]	No
Manual Fresh Air Damper	RXRF-ACA1	22 [10.0]	18 [8.2]	No
Motorized Fresh Air Damper	RXRF-ACB1	53 [24.0]	43 [19.5]	No
Motorized Fresh Air Damper (DDC)	RXRF-ACC1	53 [24.0]	43 [19.5]	No
Roofcurb, 14"	RXKG-DCC14	94 [42.6]	90 [40.8]	No
Roofcurb, 24"	RXKG-DCC24	124 [56.2]	120 [54.4]	No
Roofcurb Adapter	RXRX-DCCAE	159 [72.1]	145 [65.8]	No
Concentric Diffuser 3-4 Ton Flush	RXRN-AEF1800	30 [13.6]	25 [11.3]	No
Concentric Diffuser 5-6 Ton Flush	RXRN-AEF2000	30 [13.6]	25 [11.3]	No
Concentric Diffuser 3-4 Ton Drop	RXRN-AED1800	35 [15.9]	30 [13.6]	No
Concentric Diffuser 5-6 Ton Drop	RXRN-AED2000	35 [15.9]	30 [13.6]	No
Concentric Adapter 3-4 Ton Drop	RXMC-DC01	35 [15.9]	30 [13.6]	No
Concentric Adapter 5-6 Ton Drop	RXMC-DC02	40 [18.2]	35 [15.9]	No
Outdoor Coil Louver Kit	RXRX-ADD04C	30 [13.6]	25 [11.3]	Yes
Nonpowered Convenience Outlet	RXRX-BN01	2 [1.0]	1.5 [0.7]	Yes
Unfused Service Disconnect	RXRX-BP01	10 [4.5]	9 [4.1]	Yes
Comfort Alert (1 Phase) DDC	RXRX-AZ03	3 [1.5]	2 [0.9]	Yes
Comfort Alert (1 Phase) Non-DDC	RXRX-AZ04	3 [1.5]	2 [0.9]	Yes
Comfort Alert (3 Phase) DDC	RXRX-AZ01	3 [1.5]	2 [0.9]	Yes
Comfort Alert (3 Phase) Non-DDC	RXRX-AZ02	3 [1.5]	2 [0.9]	Yes
Carbon Dioxide Sensor (Wall Mount)	RXRX-AR02	1 [0.5]	1 [0.5]	No
BACnet Communication Card	RXRX-AY01	1 [0.5]	1 [0.5]	No
LonWorks Communication Card	RXRX-AY02	1 [0.5]	1 [0.5]	No
Room Humidity Sensor	RHC-ZNS4	1 [0.5]	1 [0.5]	No
Room Temperature and Relative Humidity Sensor	RHC-ZNS5	1 [0.5]	1 [0.5]	No
Low-Ambient Control Kit	RXRZ-A04	4 [1.8]	3 [1.4]	Yes
Freeze Stat Kit	RXRX-AM05	2 [1.0]	1.5 [0.7]	Yes
Return Smoke Detector (Field kit)	RXRX-BS01	7 [3.2]	6 [2.7]	No
Return/ Supply Smoke Detector (Field kit)	RXRX-BS02	5 [2.3]	4 [1.8]	No
LP Kit (-)GEC 75K, 120K)	RXGJ-FP40	2 [1.0]	1 [0.5]	No
LP Kit (-)GEC 100K)	RXGJ-FP41	2 [1.0]	1 [0.5]	No
Electric Heater Kits	RXJJ-DC10JT	10 [4.5]	8 [3.6]	Yes
	RXJJ-DC15JT	13 [5.9]	11 [5.0]	Yes
	RXJJ-DC20JT	14 [6.4]	12 [5.4]	Yes
	RXJJ-DC10CP	10 [4.5]	8 [3.6]	Yes
	RXJJ-DC15CP	13 [5.9]	11 [5.0]	Yes
	RXJJ-DC20CP	14 [6.4]	12 [5.4]	Yes
	RXJJ-DC24CP	14 [6.4]	12 [5.4]	Yes
	RXJJ-DC10DNV	10 [4.5]	8 [3.6]	Yes
	RXJJ-DC15DNV	13 [5.9]	11 [5.0]	Yes
	RXJJ-DC20DNV	14 [6.4]	12 [5.4]	Yes
	RXJJ-DC24DNV	14 [6.4]	12 [5.4]	Yes
Single Point Wiring Kits	RXJX-AJ0601 (Single Phase)	20 [9.1]	17 [7.7]	No
	RXJX-AZ0601 (Three Phase)	23 [10.4]	20 [9.1]	No

[] Designates Metric Conversions



INTEGRATED AIR & WATER



FLUSH MOUNT ROOM TEMPERATURE SENSORS FOR NETWORKED DDC APPLICATIONS



ROOM TEMPERATURE SENSOR with TIMED OVERRIDE BUTTON

RHC-ZNS1

10k Ω room temperature sensor transmits room temperature to DDC system. Timed override button allows tenant to change from unoccupied temperature setpoint to occupied temperature setpoint for a preset time.



ROOM TEMPERATURE SENSOR with TIMED OVERRIDE BUTTON and STATUS INDICATOR

RHC-ZNS2

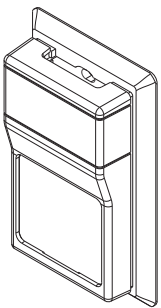
10k Ω room temperature sensor transmits room temperature to DDC system. Timed override button allows tenant to change from unoccupied temperature setpoint to occupied temperature setpoint for a preset time. Status Indicator Light transmits ALARM flash code to occupied space.



ROOM TEMPERATURE SENSOR with SETPOINT ADJUSTMENT and TIMED OVERRIDE BUTTON

RHC-ZNS3

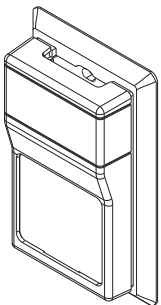
10k Ω room temperature sensor with setpoint adjustment transmits room temperature to DDC system along with desired occupied room temperature setpoint. Timed override button allows tenant to change from unoccupied temperature setpoint to occupied temperature setpoint for a preset time.



ROOM HUMIDITY SENSOR

RHC-ZNS4

Transmits room relative humidity to DDC System.



ROOM TEMPERATURE AND RELATIVE HUMIDITY SENSOR

RHC-ZNS5

Transmits room temperature and relative humidity to DDC System.

COMMUNICATION CARDS



BACnet® COMMUNICATION CARD RXRX-AY01

The field installed BACnet® Communication Card allows the RTU-C unit controller to communicate with a third party building management system that supports the BACnet Application Specific Controller device profile. The BACnet® Communication Module plugs onto the unit RTU-C controller and allows communication between the RTU-C and the BACnet MSTP network.

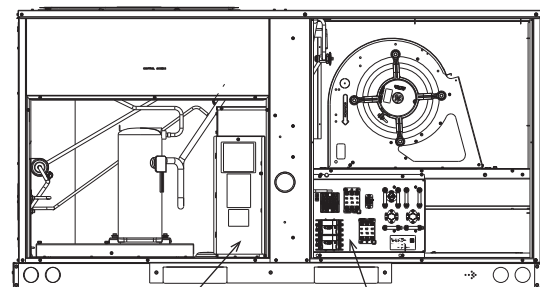
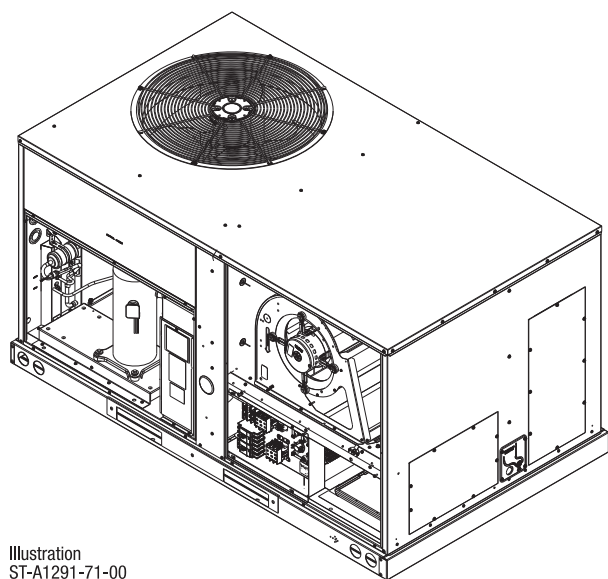


LonWorks® COMMUNICATION CARD RXRX-AY02

The field installed LonWorks® Communication Card allows the RTU-C unit controller to communicate with a third party building management system that supports the LonMark Space Comfort Controller (SCC) functional profile or LonMark Discharge Air Controller (DAC) functional profile. The LonMark Communication Module plugs onto the RTU-C controller and allows communication between the RTU-C and a LonWorks Network.

ELECTRIC HEAT AND SINGLE POINT WIRING

The field or factory electric heater kits are available in 10, 15 and 20 kW heating inputs, and for both single and 3-phase applications. The single point wiring kit is only available as a field installation accessory for units using electric heat, and also available for both single and 3-phase applications.



SINGLE POINT WIRING BOX

ELECTRIC HEATER KIT

Illustration
ST-A1291-71-00



NON-DDC ECONOMIZER FOR DOWNFLOW DUCT INSTALLATION

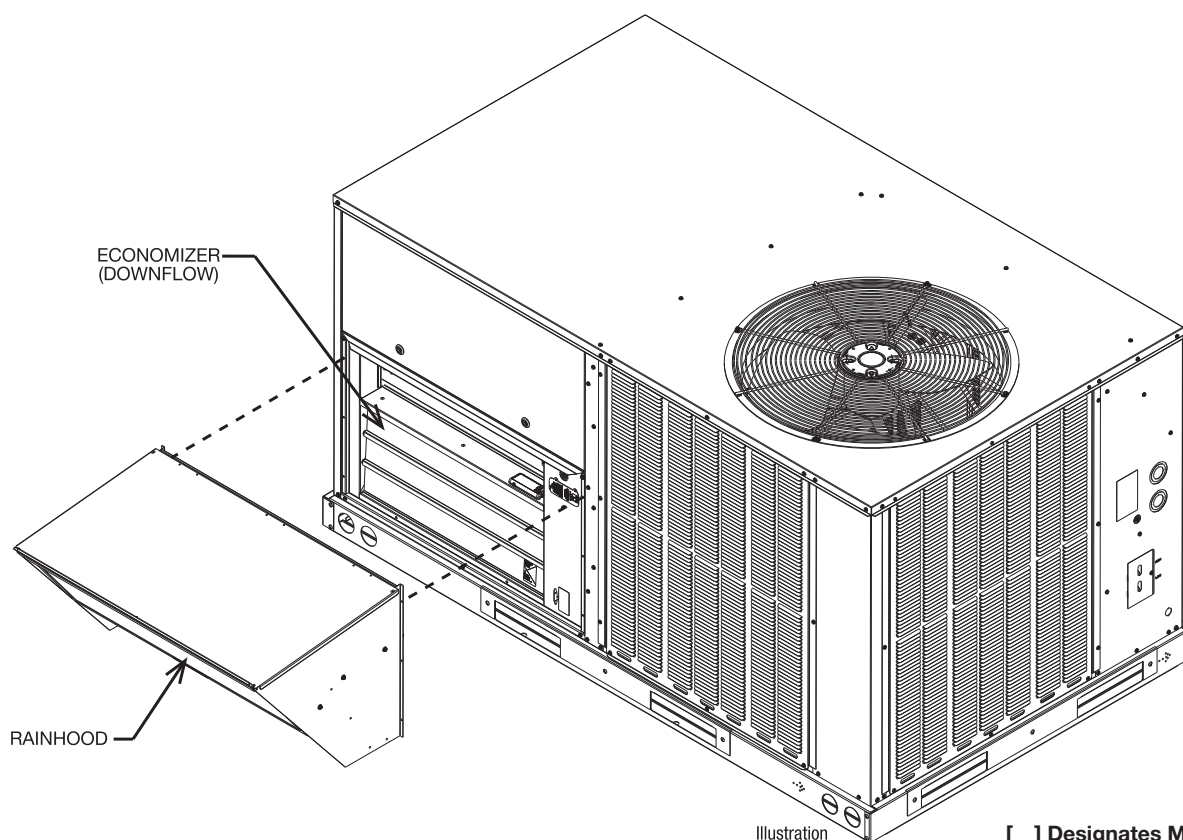
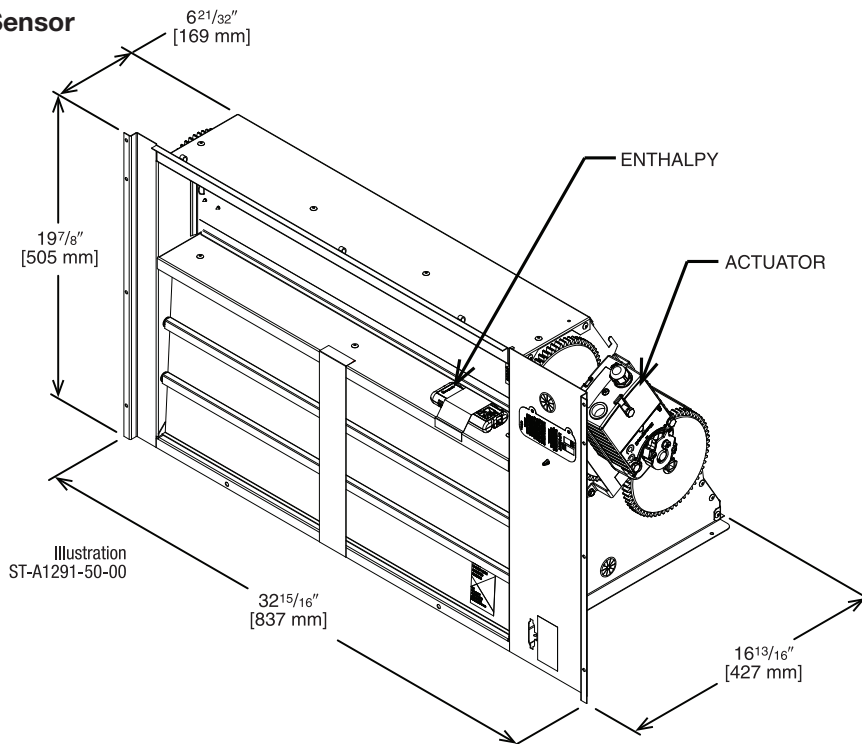
Use to Select Field-Installed Options Only

RXRD-01MCDAM3—Single Enthalpy (Outdoor)

RXRX-BV01—Dual Enthalpy Upgrade Kit

RXRX-AR02—Optional Wall-Mounted CO₂ Sensor

- Features **Honeywell JADE™** Digital Controls
- Available Factory Installed or Field Accessory
- Gear Driven Direct Drive Actuator
- Fully Modulating (0-100%)
- Ultra Low Leak Dampers meet California Title 24 requirements and ASHRAE 90.1 2016
- AMCA 511 Certified Class 1A Leakage—1" WG of differential pressure tested to AMCA Standard 500-D
- Slip-In Design for Easy Installation
- Plug-In Polarized 12-pin Electrical Connections
- Standard Barometric Relief Damper
- Single Enthalpy with Dual Enthalpy Upgrade Kit Available
- CO₂ Input Sensor Available
- Field Assembled Hood Ships with Economizer
- Economizer Ships Complete for Down-flow Duct Application.
- Field Installed Power Exhaust Available
- Fault detections and diagnostics



[] Designates Metric Conversions

