

REZ[®]NOR

INDOOR/ OUTDOOR SPLIT SYSTEM HVAC CATALOG

COMMERCIAL/INDUSTRIAL AIR HANDLER AND CONDENSING UNIT

AIR HANDLER CAPACITIES

563 - 7,593 CFM Air

75 - 400 MBH Heating (Gas/LP)

10 - 120 kW Heating (Electric)

5 - 20 Tons Cooling (DX)

3 - 45 Tons Cooling (Chilled Water)

2.5 - 5 Cooling (Dedicated ReHeat)

CONFIGURATION

Horizontal Indoor/Outdoor

Vertical Indoor

FUEL TYPES

Natural Gas

Propane

Electric

Hydronic

CONDENSING UNIT CAPACITY

5 - 20 Ton Cooling - DX (MASA)

Visit ReznorHVAC.com for more
information.

465E-0318

BACKGROUND

The first Reznor "Reflector Type" residential gas space heater was invented in 1888 by George Reznor. This technological breakthrough was an immediate success and hastened the expansion of gas heating in residential and commercial applications. Technological development and innovation have been the hallmark of Reznor products through the years. From the development of the forced air gas unit heater, to the modular Thermocore® heat exchanger, through the high-efficiency, sealed-draft Venturion® unit heater, to today's very high efficiency V3® and T_{CORE}3® heat exchangers, have kept Reznor products at the forefront of technological advances in commercial and industrial gas heating.

In the modern world air conditioning is almost a necessity. Reznor commercial/industrial air conditioning equipment provides fuel efficient cooling for recirculated or up to 100% outside air. Reznor products include evaporative cooling units, chilled water coils and DX coils (with ozone-friendly R410A refrigerant).

As a result of this pioneering role in the heating, makeup air, and ventilating equipment field, the products offered today are the most advanced in engineering design to satisfy a wide variety of applications.

FACILITIES

Reznor heaters were first manufactured and sold in Mercer, Pennsylvania (70 miles north of Pittsburgh) in 1888. Over the years, the company has grown and expanded. Today, with sales worldwide, Reznor products are being manufactured in facilities throughout North America and Europe.

PRODUCT SCOPE

Well-equipped engineering laboratories for both product development and testing can be found at many of the manufacturing sites. All domestic lab sites are agency approved.

Reznor Products include a complete line of heating, makeup air and ventilating systems, using gas, oil, hot water/steam, or electric heat sources. Reznor heater catalogs are designed to aid the engineer, architect or contractor in specifying the correct equipment for all standard and special applications. Technical data is presented on unit heaters, duct furnaces, infrared heaters, makeup air systems, pre-engineered custom-designed systems, energy recovery units, packaged cooling, and evaporative cooling modules. Consult your local Reznor Sales Representative for further assistance in specifying Reznor Equipment for your specific application.

SERVICES

Product service requirements are handled through contractors and/or distributors, with backup from local representatives and factory-based service team. Replacement parts inventories for both warranty and non-warranty requirements are maintained at service centers throughout the country and at the manufacturing facilities.

For the Reznor Representative in your area call 800-695-1901 or go to our website ReznorHVAC.com.

REZNOR®

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Air Handler Split Systems (up to 400 MBH)



Horizontal Split Systems

CONDENSING UNIT

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IMPORTANT: Specifications are subject to change without notice. This guide is intended to provide specifications and technical information only.

This guide is not intended to be an instruction manual. When installing heating and ventilating equipment, you must check and conform to all local and national building codes. Improper installation of heating and ventilating equipment could be dangerous. Consult manufacturer's installation manual for instructions and important warnings.

Additional information available on the Reznor website. See pages at the end of the online catalog under the "Technical Data" literature:

ReznorHVAC.com

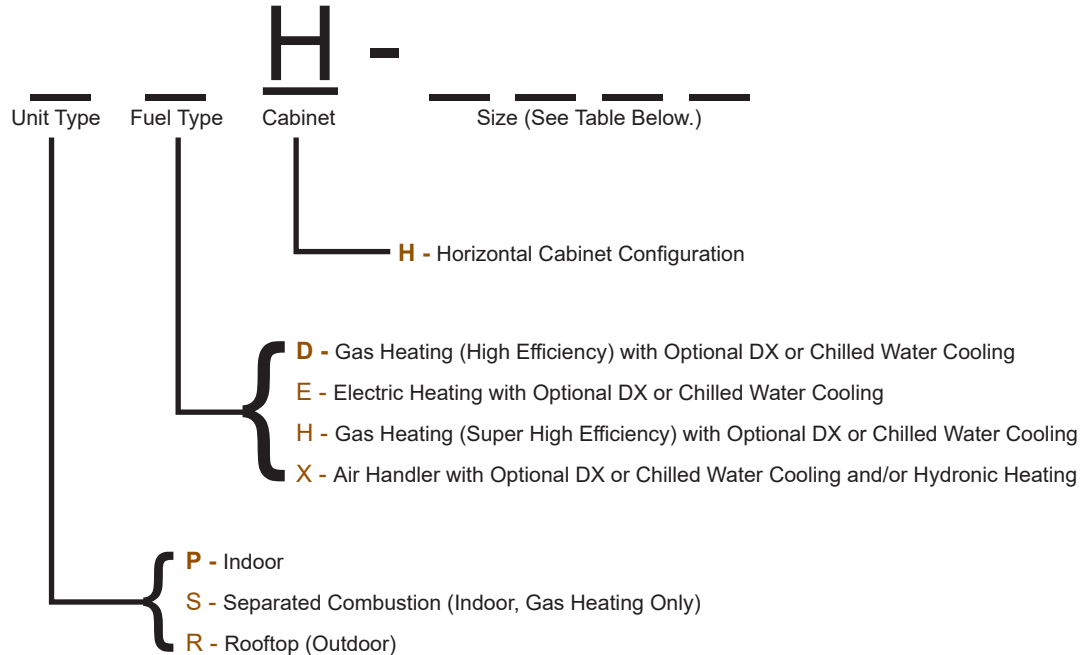
UNIT SELECTION GUIDE

How to determine Model Number and Size

Model Description

Model	Description
RHH	Rooftop, Super High Efficient (92%), Gas Heating, Power Vented Air Handler with Optional Cooling Module
SHH	Indoor, Super High Efficient (92%), Gas Heating, Power Vented Air Handler with Optional Cooling Module
SDH	Separated Combustion, Gas Heating Air Handler with Optional Cooling Module
PDH	Indoor, Power Vented, Gas Heating Air Handler with Optional Cooling Module
PEH	Indoor, Air Handler with Electric Heating and Optional Cooling Module
PXH	Indoor Air Handler with Optional DX or Chilled Water Cooling, and/or Hydronic Heating Module
RDH	Outdoor, Power Vented, Gas Heating Air Handler with Optional Cooling Module
REH	Outdoor, Air Handler with Electric Heating and Optional Cooling Module
RXH	Outdoor Air Handler with Optional DX or Chilled Water Cooling, and/or Hydronic Heating Module

Model Number/Size



Model Size

Cabinet Size	Super High Efficiency (RHH, SHH)			Gas Heating (PDH, RDH, SDH)			Electric Heating (PEH, REH)			Air Handler (PXH, RXH)			All Models Cooling Capacity Range (Tons) ^B
	Size	Max. Heating Output (MBH)	Max. Air Volume (CFM)	Size	Max. Heating Output (MBH)	Max. Air Volume (CFM)	Size	Heating Capacity (kW)	Air Volume (CFM)	Size	Max. Heating Output (MBH) ^A	Max. Air Volume (CFM)	
A	■	■	■	75	60.8	1,406	10A	10	1,580	000A	223	1,406	5 - 10
				100	81	1,875	20A	20	3,159				
							40A	40	3,829				
B	■	■	■	125	101.3	2,344	15B	15	2,369	000B	317	2,344	5 - 12
				150	121.5	2,813	30B	30	4,739				
							60B	60	4,739				
C	130C	120.5	3,720	175	141.8	3,281	■	■	■	000C	317	2,916	5 - 15
	180C	159.3	4,757	200	162	3,750							
				225	182.3	4,219							
D	260D	236.6	5,440	250	202.5	4,668	30D	30	4,739	000D	525	4,688	5 - 25
							60D	60	7,021				
							90D	90	6,935				
							120D	120	7,021				
E	350E	314.0	6,607	350	283.5	6,563	40E	40	6,319	000E	629	5,061	5 - 25
							80E	80	8,425				
				400A	324	7,500	120E	120	8,425				

In most instances, the maximum capacity is shown for each category. Contact your Reznor Representative for proper sizing of heating, cooling and air volume.

^A Heating output for Models PXH and RXH Air Handler will vary with hydronic heat input and air volume.

^B Maximum DX cooling capacity is shown. Chilled water cooling also available on all models.

Option Code and Description

POWER

- AK1 - 115/1
- AK2 - 208/1
- AK3 - 230/1
- AK5 - 208/3
- AK6 - 230/3
- AK7 - 460/3
- AK8 - 575/3
- BA6 - Unit mounted disconnect switch

HEATING (GAS) OPTIONS

- AA1 - Natural gas
- AA2 - Propane
- AB1 thru 8 - System elevation adjustment
- AC1 - Aluminized steel
- AC2 - 409 stainless steel heat exchanger
- AC3 - Tcore^{CR}™ steel
- AC4 - 316 stainless steel heat exchanger
- CC1 - Vent cap
- CC2 - Vertical vent terminal kit
- CC6 - Horizontal vent terminal kit
- CE1 - Manual Shutoff valve & union
- CS2 - HX burner condensate drain

HEATING (HOT WATER) OPTIONS

- HW2L - Hot water coil left hand access
- HW2R - Hot water coil right hand access
 - LH2A-LH4R - HW coil, 2 to 4 rows / 8 to 14 FPI
 - HC3 - 304L stainless steel coil casing
 - HD2 - Coil copper tube w/ copper fins
 - HDT1 - TurboSpiral coil tubing
 - HF4 - Electrofin coil coating

EVAPORATIVE COOLING

- ECC3 - Evaporative cooling
- ECC2 - Evaporative cooling stainless steel material
 - ASC4 - 12 Thick "Gacier-Cor" media
 - ASC8 - 12" Thick "Glasdek" media
 - ECD1 - AquaSaver water meter control
 - ECD2 - Recirculating pump w/ bleed valve
 - CT5- Freeze Protection for Aquasaver
 - ECB1 - Water hammer arrestor
 - CT1-4 - Fill & drain kits
 - CT6 - Thermostatic control for fill & drain

DX & CHILLED WATER COOLING

- AU5L & AU5R - Custom DX coil - L/R
- AU6L & AU6R - Chilled Water coil - L/R
- AU7L & AU7R - Custom DX coil with reheat - L/R
- AU8L & AU8R - Chilled water coil with reheat - L/R
 - LX66-LX84 - DX evaporator coil, 2 to 6 row / 8 -14 FPI
 - LC26-LX84 - CHW coil, 4 to 6 rows / 8-14 FPI
 - AUR1 - Modulating reheat
 - AUD1 - DX evaporator coil single circuit
 - AUD2 - DX evaporator coil 50-50 dual circuit
 - AUD3 - DX evaporator coil 33/66/100 dual circuit
 - UV2 - Germicidal coil lamps
 - AUA3 - Stainless steel coil casing
 - AUF2 - Copper tube with aluminum fins
 - AUB4 - Electrofin coating
 - AUT1 - TurboSpiral CHW coil tubing
 - AUC3 - Circuit A hot gas bypass
 - AUC4 - Circuit A & B hot gas bypass
 - T41A-T48D - DX evaporator coil TXV

CABINET OPTIONS

- AJ1 - Left hand control box access
- AJ2 - Right hand control box access
- AY2 - Single wall with insulation
- AY3 - Double wall with insulation
- AY3H - Double wall with high density insulation

DISCHARGE AIR

- AX4 - Discharge air opening w/o flanges
- AX2 - Horizontal discharge louvers installed on units air
- AX3 - Horizontal and vertical discharge louvers
- AQ5 - Double wall discharge plenum with bottom opening
- AQ8 - Double wall discharge plenum with bottom opening (2-position dmp)
- CD2 - 25° to 65° discharge nozzle with horizontal louvers
- CD3 - 50° to 90° discharge nozzle with horizontal louvers
- CD4 - 25° to 65° discharge nozzle with vertical & horizontal louvers
- CD5 - 50° to 90° discharge nozzle with vertical & horizontal louvers

BLOWER SYSTEM OPTIONS

- PC4 - Rubber-in-sheer vibration isolation
- AL3 - 10 - Open dripproof motors, 1/4 hp thru 5 hp
- AL20 - AL27 - 1/4 hp thru 5hp
- AL36 - AL40 - High efficiency motors, 1/4 hp thru 5hp
- VFD1 - Factory installed variable frequency drive
- VFD2 - Factory supplied, field installed VFD
 - VFCA - Soft start
 - VFCB - Two speed control
 - VFCA - DDC signal from remote device

AIR INTAKE DAMPER & AIR OPTIONS

- AS2 - 100% Outside air screened intake hood with rain baffles
- AR8 - ON/OFF damper with duct flange
- AR5 - Horizontal intake with flange
 - AZ1 - Inlet screen (AR5)
- MXB1 - Mixing box
 - GD1 thru 5 - Damper arrangement (MXB1)
 - GE3 thru 22 - Damper control (MXB1)
- AW7 - 2" Disposable filters
- AW9 - 2" Permanent filters
- AW11 - 2" Pleated, MERV 8 filters
- AW21 - 4" Pleated, MERV 8 filters
- AW24 - 4" Pleated, MERV 13 filters
- XF6 - Extra set 2" pleated filters
- XF21 - Extra set 4" pleated filters, MERV 8
- XF24 - Extra set 4" pleated filters, MERV 13

CONTROL & SENSOR OPTIONS

- AG1 - Single stage space thermostat gas control
- AG2 - Two stage space thermostat gas control
- AG3 - Two stage duct stat control
- AG15 - Two stage electronic discharge air
- AG16 - Two stage electronic discharge air with display
- AG40 - 4:1 gas modulation, field installed DDC
- AG58 - 8:1 gas modulation, DDC discharge air control with space reset
- AG60 - 3:1 gas modulation, duct stat control
- AG61 - 3:1 gas modulation, electronic discharge air control
- AG62 - 3:1 gas modulation, electronic discharge air control with display
- D19 - Space temperature control w/thermostat
- D21 - Makeup air control sequence
- EG1 - Single stage electric heat control, thermostat
- EG2 - Two stage electric heat control, thermostat
- EG4 - Electric heat with SCR control for space heating or makeup air
- BHB7 - Lon DDC communication
- BHB8 - BacNet DDC communication

MISCELLANEOUS OPTIONS

- XW1 - Limited 5 year compressor warranty
- XW2 - Limited 5 year gas heat exchanger warranty
- XW3 - Limited 10 year gas heat exchanger warranty
- XW4 - Limited 5 year electric heating warranty

REZNOR®

SUPER HIGH EFFICIENCY GAS HEATING AIR HANDLER MODEL SHH (Separated Combustion)



Model SHH

**Intertek**CSA 2.6
ANSI Z83.8**DESCRIPTION**

The first ever separated combustion system in the commercial/industrial heating industry was introduced on a Reznor heater in the 1960s. In the 1980s a Reznor Unit Heater was the first commercial heater to have a fuel efficiency over 90%.

This tradition continues with Model SHH, the first 90%+ efficient commercial air handler for makeup air application and space conditioning.

Model SHH is available in 4 sizes, 130MBH, 180MBH, 260MBH and 350MBH. Each size is designed for a minimum of 91% thermal efficiency and is available for use with either natural gas or propane. Model SHH separated-combustion units are approved for space heating and makeup air applications in commercial/industrial installations in the United States and Canada by the ETL Testing Agency.

Standard features include the Reznor T_{CORE}^{CR}™ heat exchanger and single burner combustion system, a multi-try direct spark ignition with 100% lockout, pressure switch to verify venter flow, resiliently isolated venter motor, a high temperature limit control, and a centrifugal belt-driven blower capable of up to 2" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Operation is controlled through an integrated circuit board. The circuit board monitors heater operation and has LED diagnostic indicator lights to identify abnormalities in heating control functions. Optional features include factory-assembled, modular sections - a draw-through cooling coil cabinet module with either chilled water or DX coil and an inlet air mixing box module with a variety of configurations and damper options. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog thermostat control.

Model SHH super high efficiency separated-combustion units require installation of either a horizontal or vertical vent/combustion air kit that includes a specially designed concentric adapter box. The unique box design allows for only one building penetration for both the flue outlet and combustion air inlet. For more details on design, installation or selection of separated combustion, go to ReznorHVAC.com.

STANDARD FEATURES

- Patented* T_{CORE}³® combustion system with T_{CORE}^{CR} heat exchanger
- ETL certification
- Minimum 91% thermal efficiency throughout modulated range
- Proven separated-combustion technology including shipped-separate vent/combustion air kit (vertical or horizontal)
- Maximum 70°F temperature rise (optional 120°F)
- Circuit breaker protected transformer for 24-volt controls
- Integrated circuit board with diagnostic indicator lights
- Multi-try direct spark ignition with 100% lockout
- High temperature limit control
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Reverse airflow limit switch
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- All service and vent connections from a single side
- Vent runs up to 45 feet
- Through-the-cabinet or through-the-base electrical
- Engineered heat exchanger condensate management
- Three hinged service doors with heavy duty hardware
- Fully gasketed control compartment door panel with safety door switch
- Pre-coat white gloss cabinet finish
- Ceiling suspended from 4, 6 or 8 point (based on modules selected)
- Fork lift openings built into the heavy gauge steel base

* U.S. Patent No. 6,889,686

FACTORY INSTALLED OPTIONS

- Heat exchanger extended warranty - 5-year or 10-year
- Natural gas or propane
- Controls
 - ◆ Space temperature heating only
 - Analog single or two-stage gas valve with room thermostat control (thermostat is available as a shipped-separate accessory or may be field-supplied)
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas; 40% low fire - propane)/ two-stage cooling
 - 8:1 modulation heating (12.5% low fire capacity)/ two-stage cooling
 - ◆ Discharge temperature makeup air (heating only)
 - Analog 2-stage with 2-stage ductstat or electronic sensor and 2-stage valve
 - ◆ Discharge temperature heating/cooling makeup air
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas, 40% low fire - propane)/three-stage cooling, reheat control
 - 8:1 modulation heating (12.5% low fire capacity)/three-stage cooling, reheat control
- Supply voltage - 115/1; 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 115/1 or 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Inlet air filters - 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ No insulation; single or double wall with standard (R value 3.8) or high-density (R value 4.4) insulation
 - ◆ Blower cabinet screen, inlet duct connection flange, or inlet on/off damper with duct flange
 - ◆ Discharge duct flange or louvers (horizontal or horizontal and vertical)
- Mixing box module
 - ◆ Five inlet configuration combinations including top, bottom, and rear
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air, or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 volt control
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ Open dripproof, TEFC (motors must meet EISA specifications for efficiency)
 - ◆ Adjustable sheave and belt
 - ◆ Motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Cooling coil module with coil
 - ◆ DX coil (single, 50/50, or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins [coated or uncoated]) - non-ozone depleting, R410A refrigerant
 - ◆ Chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins [coated or uncoated])
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit, main DX coil with modulating or standard reheat control
- Evaporative cooling module
 - ◆ White pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Unit mounted, lockable, non-fused service on/off switch
- Convenience outlet (requires separate power supply)
- Firestat
- Discharge temperature low limit
- Over/under voltage or phase loss protection
- High ambient limit (burner cutoff)
- Gas pressure switches (high, low, or both)

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Downturn nozzles (25-65° or 50-90°) with directional louvers
- Thermostats to match analog controls
- Gas pressure regulator
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Main unit disconnect switch
- M-Series condenser

TECHNICAL DATA

Model SHH		Size	130C	180C	260D	350E
Input Heating Capacity ^A	Btuh		131,000	175,000	260,000	345,000
	kw/h		38.4	51.2	76.1	101.0
Output Heating Capacity	Btuh		120,520	159,250	236,600	313,950
	kw/h		35.3	46.6	69.3	91.9
Minimum Temperature Rise	°F (°C)		30 (16.7)	31 (17.2)	40 (22.2)	44 (24.4)
Maximum Temperature Rise	°F (°C)		100 (55.6)	100 (55.6)	100 (55.6)	100 (55.6)
Control Amps (24 volt)			1.0	1.0	1.0	1.0
Full Load Amps (115 volt, less blower motor)			2.2	2.2	2.2	2.2
Blower ^B	Size	inches	12x12	12x12	(2)12x7	(2)12x12
	Min Airflow Heating/Cooling	cfm	1488	1966	2921	3876
		m ³ /min	42	56	83	110
	Max Airflow Heating	cfm	3720	4757	5440	6607
		m ³ /min	105	135	154	187
	Max Airflow Cooling	cfm	2920	2920	4890	5865
	m ³ /min	83	83	138	166	
Vent Connection	Diameter	inches	4	4	4	4
Combustion Air Connection	Diameter	inches	6	6	6	6
Maximum Vent Length	feet		50	50	50	40
	meters		15.24	15.24	15.24	12.19
Gas Connection	Natural	inches	1/2	1/2	3/4	3/4
	Propane	inches	1/2	1/2	3/4	3/4
Heat Exchanger Condensate Line		inches	1/2	1/2	1/2	1/2
Ship Weight (basic unit only; add module wts)	lbs		729	735	987	1186
	kg		331	333	448	538
Net Weight (basic unit only; add module wts)	lbs		538	544	729	889
	kg		244	247	331	403
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

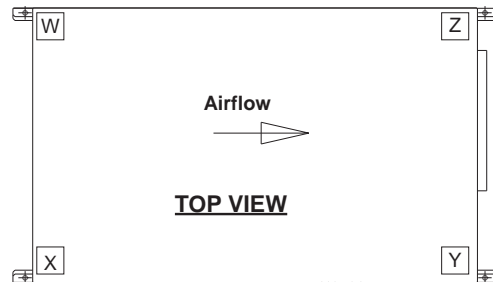
For altitude adjustment, see the High Altitude Capacity Changes tables.

^A Does not include motor heat.

^B The minimum and maximum heating CFM based upon a temperature rise range. The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

Corner Weights ^C

SIZE		W	X	Y	Z
130C	lbs.	87	81	180	193
	(kg)	(39)	(37)	(82)	(88)
180C	lbs.	88	82	180	193
	(kg)	(40)	(37)	(82)	(88)
260D	lbs.	144	127	217	241
	(kg)	(65)	(58)	(98)	(109)
350E	lbs.	192	188	245	264
	(kg)	(87)	(85)	(111)	(120)



^C Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

REZNOR®

PREEVA®



Model SDH

HIGH EFFICIENCY GAS HEATING AIR HANDLER MODEL SDH (Separated Combustion)

DESCRIPTION

Model SDH is the a separated-combustion version of the Reznor® line of pre-engineered air-handlers. Since the introduction of separated-combustion technology, Reznor products have been the industry standard. This new separated-combustion packaged heater is engineered with that same quality plus many new standard and optional features.

Model SDH is available in 11 sizes from 75 MBH to 400 MBH. Each size is designed for a minimum of 81% thermal efficiency and is available for use with either natural gas or propane. Model SDH separated-combustion heaters are approved for commercial/industrial installations in the United States and Canada by the ETL Testing Agency.

Standard features include the Reznor T_{CORE}²® heat exchanger and single burner combustion system, a multi-try direct spark ignition with 100% lockout, pressure switch to verify venter flow, resiliently isolated venter motor, a high temperature limit control, and a centrifugal belt-driven blower capable of up to 3" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Operation is controlled through an integrated circuit board. The circuit board monitors heater operation and has LED diagnostic indicator lights to identify abnormalities in heating control functions.

Optional features include factory-assembled, modular sections - a draw-through cooling coil cabinet module with either chilled water or DX coil and an inlet air mixing box module with a variety of configurations and damper options. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog heating only and makeup air controls.

The unit also provides dehumidification of 100% outside air or a mixture of outside/return air. The self contained dedicated Re-Heat Pump™, provides 13°F - 20°F reheat temperature rise from the main evaporator coil discharge. The DX cooling coils are optimized for best performance when the reheat pump is on and off. For precise control, modulating reheat can be added.

Model SDH separated-combustion units require installation of either a horizontal or vertical vent/combustion air kit that includes a specially designed concentric adapter box. The unique box design allows for only one building penetration for both the flue outlet and combustion air inlet.

For more details on design, installation or selection of separated combustion, go to ReznorHVAC.com.

STANDARD FEATURES

- Patented* T_{CORE}²® Combustion System - includes titanium stabilized aluminized steel heat exchanger
- ETL certification
- Minimum 81% thermal efficiency throughout modulated range
- Proven separated-combustion technology including shipped-separate vent/combustion air kit (vertical or horizontal)
- Maximum 70°F temperature rise (optional 120°F)
- Circuit breaker protected transformer for 24-volt controls
- Integrated circuit board with diagnostic indicator lights
- Multi-try direct spark ignition with 100% lockout
- High temperature limit control
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Reverse airflow limit switch
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- All service and vent connections from a single side
- Vent runs up to 45 feet
- Through-the-cabinet or through-the-base electrical
- Engineered heat exchanger condensate management
- Three hinged service doors with heavy duty hardware
- Fully gasketed control compartment door panel with safety door switch
- Pre-coat white gloss cabinet finish
- Slab or floor mounted; or ceiling suspended (4, 6 or 8 point base suspension based on modules selected)
- Fork lift openings built into the heavy gauge steel base

FACTORY INSTALLED OPTIONS

- Stainless steel heat exchanger - 409 or 316 (stainless steel heat exchanger required for 70° - 120°F temperature rise)
- Heat exchanger extended warranty - 5-year or 10-year
- Natural gas or propane

* U.S. Patent No. 6,889,686



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FACTORY INSTALLED OPTIONS (cont'd)

- Controls
 - ◆ Space temperature heating only
 - Analog single or two-stage gas valve with room thermostat control (thermostat is available as a shipped-separate accessory or may be field-supplied)
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas; 40% low fire - propane)/ two-stage cooling
 - ◆ Discharge temperature makeup air (heating only)
 - Analog 2-stage with 2-stage ductstat or electronic sensor and 2-stage valve
 - ◆ Discharge temperature heating/cooling makeup air
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas, 40% low fire - propane)/ three-stage cooling, reheat control
- Supply voltage - 115/1; 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 115/1 or 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Inlet air filters - or 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ No insulation; single or double wall with standard (R value 3.8) or high-density (R value 4.4) insulation
 - ◆ Blower cabinet screen, inlet duct connection flange, or inlet on/off damper with duct flange
 - ◆ Discharge duct flange or louvers (horizontal or horizontal and vertical)
- Mixing box module
 - ◆ Five inlet configuration combinations including top, bottom, and rear
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air, or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 volt control
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ Open dripproof, TEFC (motors meet EISA specifications for efficiency)
 - ◆ Adjustable sheave and belt
 - ◆ Motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Cooling coil module with coil
 - ◆ DX coil (single, 50/50, or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins [coated or uncoated]) - non-ozone depleting, R410A refrigerant
 - ◆ Chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins [coated or uncoated])
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit, main DX coil with modulating or standard reheat control
- Evaporative cooling module
 - ◆ White pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Unit mounted, lockable, non-fused service on/off switch
- Convenience outlet (requires separate power supply)
- Firestat
- Discharge temperature low limit
- Over/under voltage or phase loss protection
- High ambient limit (burner cutoff)
- Gas pressure switches (high, low, or both)

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Downturn nozzles (25-65° or 50-90°) with directional louvers
- Thermostats to match analog controls
- Gas pressure regulator
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Main unit disconnect switch
- M-Series condenser

REZNOR® HIGH EFFICIENCY GAS HEATING AIR HANDLER

Model SDH (cont'd)

TECHNICAL DATA

Model SDH		Size	75	100	125	150	175	200	225	250	300	350	400A
Input Heating Capacity	Btuh		75,000	100,000	125,000	150,000	175,000	200,000	225,000	250,000	300,000	350,000	400,000
	kw/h		22.0	29.3	36.6	43.9	51.2	58.6	65.9	73.2	87.8	102.5	117.1
Output Heating Capacity (81% Thermal Efficiency) ^A	Btuh		60,750	81,000	101,250	121,500	141,750	162,000	182,250	202,500	243,000	283,500	324,000
	kw/h		17.8	23.7	29.6	35.6	41.5	47.4	53.4	59.3	71.2	83.0	94.9
Minimum Temperature Rise	°F		40	40	40	40	40	40	40	40	40	40	40
Control Amps (24 volt)			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Full Load Amps (115 volt, less motor)			1.2	1.2	1.2	0.9	0.9	1.7	1.7	1.7	3.0	3.0	3.0
Blower	Size	inches	10x10	10x10	(2) 9x7	(2) 9x7	12x12	12x12	12x12	(2)12x7	(2)12x7	(2)12x12	(2)12x12
	Min Airflow Heating ^B	cfm	469	625	781	938	1094	1250	1406	1563	1875	2188	2500
		m ³ /min	13	18	22	27	31	35	40	44	53	62	71
	Max Airflow Heating	cfm	1406	1875	2344	2813	3281	3750	4219	4688	5625	6563	7500
		m ³ /min	16	21	27	32	37	42	48	53	64	74	85
	Min Airflow Cooling ^B	cfm	583	583	826	826	917	917	917	1537	1537	1843	1843
m ³ /min		17	17	23	23	26	26	26	44	44	52	52	
Max Airflow Cooling	cfm	1406	1875	2344	2813	2916	2916	2916	4688	4691	5061	5861	
	m ³ /min	40	53	66	80	83	83	83	133	133	143	166	
Vent Connection	Diameter	inches	4	4	4	5	5	5	5	6	6	6	6
Combustion Air Connection	Diameter	inches	4	4	4	5	6	6	6	6	6	6	6
Maximum Vent Length	feet		25	35	30	30	30	40	40	45	45	45	45
	meters		7.62	10.67	9.14	9.14	9.14	12.19	12.19	13.72	13.72	13.72	13.72
Gas Connection	Natural	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4
	Propane	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4
Ship Weight (basic unit only; add module wts)	lbs		421	433	545	553	645	659	659	863	877	1008	1019
	kg		191	196	247	251	293	299	299	391	398	457	462
Net Weight (basic unit only; add module wts)	lbs		323	331	413	421	478	492	492	615	629	721	732
	kg		146	150	187	191	217	223	223	279	285	327	332
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x25	(2) 16x25	(2) 20x25	(2) 20x25	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

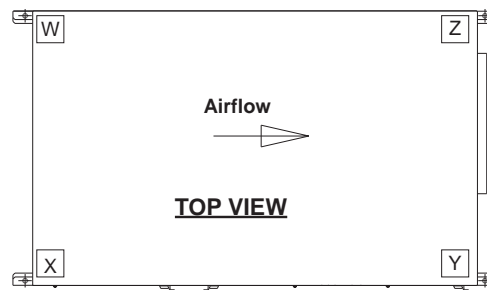
For altitude adjustment, see the High Altitude Capacity Changes tables.

^A Does not include motor heat.

^B The minimum and maximum heating CFM based upon a temperature rise range from 40°F thru 120°F temperature rise. The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

Corner Weights ^C

Size		W	X	Y	Z
75	lbs.	70	63	92	98
	(kg.)	(32)	(29)	(42)	(44)
100	lbs.	70	63	96	102
	(kg.)	(32)	(29)	(44)	(46)
125	lbs.	92	87	113	121
	(kg.)	(42)	(39)	(51)	(55)
150	lbs.	92	87	117	125
	(kg.)	(42)	(39)	(53)	(57)
175	lbs.	80	74	156	168
	(kg.)	(36)	(34)	(71)	(76)
200	lbs.	80	74	163	175
	(kg.)	(36)	(34)	(74)	(79)
225	lbs.	80	74	163	175
	(kg.)	(36)	(34)	(74)	(79)
250	lbs.	124	110	180	201
	(kg.)	(56)	(50)	(82)	(91)
300	lbs.	124	110	187	208
	(kg.)	(56)	(50)	(85)	(94)
350	lbs.	158	155	198	210
	(kg.)	(72)	(70)	(90)	(95)
400	lbs.	158	155	202	217
	(kg.)	(72)	(70)	(92)	(98)



^C Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

Output Heating Capacity (81% Thermal Efficiency)



Model RHH



Intertek

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ANSI Z83.8

DESCRIPTION

The first ever commercial gas-fired unit heaters with over 90% fuel efficiency was introduced on a Reznor heater in the early 1980s. This tradition continues with Model RHH, 90%+ efficient commercial air handler for makeup air application and space conditioning.

Model RHH is available in 4 sizes, 130MBH, 180MBH, 260MBH and 350MBH. Each size is designed for a minimum of 91% thermal efficiency and is available for use with either natural gas or propane. Model RHH units are approved for space heating and makeup air applications in commercial/industrial installations in the United States and Canada by the ETL Testing Agency.

Standard features include the Reznor T_{CORE}^{CR} heat exchanger and single burner combustion system, a multi-try direct spark ignition with 100% lockout, pressure switch to verify venter flow, resiliently isolated venter motor, a high temperature limit control, and a centrifugal belt-driven blower capable of up to 2" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Operation is controlled through an integrated circuit board. The circuit board monitors heater operation and has LED diagnostic indicator lights to identify abnormalities in heating control functions. Optional features include factory-assembled, modular sections - a draw-through cooling coil cabinet module with either chilled water or DX coil and an inlet air mixing box module with a variety of configurations and damper options. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog thermostat control. Model RHH can include an optional downturn discharge air plenum and an intake weather hood with rain baffles (cabinet mounted on/off air damper can be used in conjunction with weather hood).

For more details on design, installation or selection of separated combustion, go to ReznorHVAC.com.

STANDARD FEATURES

- Patented* T_{CORE}³® combustion system with T_{CORE}^{CR} heat exchanger
- Minimum 91% thermal efficiency throughout modulated range
- Maximum 70°F temperature rise (optional 120°F)
- Circuit breaker protected transformer for 24-volt controls
- Integrated circuit board with diagnostic indicator lights
- Multi-try direct spark ignition with 100% lockout
- High temperature limit control
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Reverse airflow limit switch
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- All service and connections from a single side
- Through-the-cabinet or through-the-base gas connections
- Engineered heat exchanger condensate management
- Three hinged service doors with heavy duty hardware
- Fully gasketed control compartment door panel with safety door switch
- Through the cabinet or through the base gas connections
- Pre-coat white gloss cabinet finish; 60 gloss minimum and RAL 9001, meets ASTM B117 specification for salt spray for 1,000 hours
- 4-point lift eyes for rooftop mounting
- Heavy gauge steel base
- Double wall cabinet with insulation

FACTORY INSTALLED OPTIONS

- Heat exchanger extended warranty - 5-year or 10-year
- Natural gas or propane
- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 115/1 or 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Supply voltage - 115/1; 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- Inlet air filters - 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Convenience outlet (requires separate power supply)
- Controls
 - ◆ Space temperature heating only
 - Analog single or two-stage gas valve with room thermostat control (thermostat is available as a shipped-separate accessory or may be field-supplied)
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Digital two-stage heating/three-stage cooling
 - 8:1 modulation heating (12.5% low fire capacity)/ two-stage cooling
 - ◆ Discharge temperature makeup air (heating only)
 - Analog 2-stage with 2-stage ductstat or electronic sensor and 2-stage valve
 - ◆ Discharge temperature heating/cooling makeup air
 - Digital two-stage heating/three-stage cooling
 - Analog or digital high turn down ratio (modulation heat)/3-stage cooling
 - 8:1 modulation heating (12.5% low fire capacity)/three-stage cooling, reheat control
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ High R insulation value
 - ◆ Inlet duct connection flange, or inlet on/off damper with duct flange
- Mixing box module - double wall
 - ◆ Three inlet configuration combinations with 100% bottom return air opening and/or 100% outside air rear opening
 - ◆ Inlet air configuration with 30% outside air opening and 100% return air opening
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air, or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 volt control
 - ◆ Bottom return air screen
- Double wall downturn plenum cabinet
 - ◆ Shutoff dampers
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ Open dripproof, TEFC (motors meet EISA specifications for efficiency)
 - ◆ Adjustable sheave and belt
 - ◆ Motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Cooling coil module with coil
 - ◆ DX coil (single, 50/50, or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins [coated or uncoated]) - non-ozone depleting, R410A refrigerant
 - ◆ Chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins [coated or uncoated])
 - ◆ Stainless steel removable drain pan
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit, main DX coil with modulating or standard reheat control
- Discharge Duct Flange
- Evaporative cooling module
 - ◆ White pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Firestat
- Discharge temperature low limit
- Over/under voltage or phase loss protection
- High ambient limit (burner cutoff)
- Gas pressure switches (high, low, or both)

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Thermostats to match analog controls
- Gas pressure regulator
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Fusible and non-fused disconnect switch (NEMA 3R)
- Main unit disconnect switch
- 16" insulated roof curb
- Intake air hood with rain baffles
- M-Series condenser

TECHNICAL DATA

Model RHH		Size	130C	180C	260D	350E
Input Heating Capacity ^A	Btuh		131,000	175,000	260,000	345,000
	kw/h		38.4	51.2	76.1	101.0
Output Heating Capacity	Btuh		120,520	159,250	236,600	313,950
	kw/h		35.3	46.6	69.3	91.9
Minimum Temperature Rise	°F (°C)		30 (16.7)	31 (17.2)	40 (22.2)	44 (24.4)
Maximum Temperature Rise	°F (°C)		100 (55.6)	100 (55.6)	100 (55.6)	100 (55.6)
Control Amps (24 volt)			1.0	1.0	1.0	1.0
Full Load Amps (115 volt, less blower motor)			2.2	2.2	2.2	2.2
Blower ^B	Size	inches	12x12	12x12	(2)12x7	(2)12x12
	Min Airflow Heating/Cooling	cfm	1488	1966	2921	3876
		(m ³ /min)	(42)	(56)	(83)	(110)
	Max Airflow Heating	cfm	3720	4757	5440	6607
		(m ³ /min)	(105)	(135)	(154)	(187)
	Max Airflow Cooling	cfm	2920	2920	4890	5865
(m ³ /min)		(83)	(83)	(138)	(166)	
Gas Connection	Natural	inches	1/2	1/2	3/4	3/4
	Propane	inches	1/2	1/2	3/4	3/4
Heat Exchanger Condensate Line		inches	1/2	1/2	1/2	1/2
Ship Weight (basic unit only; add module wts)	lbs		859	871	1115	1335
	(kg)		(390)	(395)	(506)	(605)
Net Weight (basic unit only; add module wts)	lbs		668	680	857	1038
	(kg)		(303)	(308)	(389)	(471)
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

Downturn Plenum Weight

- Add weight below to unit weight in Technical Data Table.

		Model RHH Size	130C, 180C	260D	350E
Downturn Plenum Only Net Weight	Option AQ5 Bottom Opening	lbs	158	190	206
		kg	72	86	93
	Option AQ8 Bottom Opening & 2 Position Damper	lbs	176	211	229
		kg	80	96	104

REZNOR®

PREEVA®

HIGH EFFICIENCY GAS HEATING AIR HANDLER MODELS PDH & RDH



Model PDH



Model RDH



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ANSI Z83.8

Horizontal Split Systems

DESCRIPTION

Models PDH and RDH are available in 11 sizes from 75 MBH to 400 MBH. Each size is designed for a minimum 81% thermal efficiency and is available for use with either natural gas or propane. Model PDH is designed for indoor installation - ceiling suspension, slab or floor mounted. Model RDH is designed for outdoor installation - rooftop or outdoor slab mounting. Both models are power-vented heaters approved for commercial/industrial installations in the United States and Canada by the ETL Testing Agency.

Standard features include the Reznor T_{CORE}^{2®} heat exchanger and single burner combustion system, a multi-try direct spark ignition with 100% lockout, pressure switch to verify venter flow, resiliently isolated venter motor, a high temperature limit control, and a centrifugal belt-driven blower capable of up to 3" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Operation is controlled through an integrated circuit board. The circuit board monitors heater operation and has LED diagnostic indicator lights to identify abnormalities in heating control functions.

Optional features include factory-assembled, modular sections — a draw-through cooling coil cabinet module with either chilled water or DX coil (with or without reheat), on/off air damper, and an inlet air mixing box module with a variety of configurations, damper options and an evaporative cooling module. Optional dH cooling is also available to provide dehumidification of 100% outside air or a mixture of outside/return air. The self contained dedicated ReHeat pump™ provides 12°F - 17°F reheat temperature rise from the main evaporator coil discharge. The DX cooling coils are optimized for best performance when the reheat pump is on or off. For precise control, modulating reheat can be added. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog makeup air controls. Model RDH can include an optional downturn discharge air plenum and an intake weather hood with rain baffles (cabinet mounted on/off air damper can be used in conjunction with weather hood).

Other optional features include a complete heating and cooling advanced digital control package available in addition to common industry standard analog heating only and makeup air controls. Dehumidification of 100% outside air or a mixture of outside/return air can be achieved with the addition of a dedicated Re-Heat Pump™ which provides 13°F - 20°F reheat temperature rise from the main evaporator coil discharge. The DX cooling coils can be optimized for best performance whether the reheat pump is on or off. For precise control, modulating reheat can be added.

Model PDH indoor, power-vented units require installation of an optional vent cap.

STANDARD FEATURES

- Patented* T_{CORE}^{2®} Combustion System - includes Titanium Stabilized Aluminized Steel Heat Exchanger
- ETL certification
- Minimum 81% thermal efficiency throughout modulated range
- Maximum 70°F temperature rise (optional 120°F)
- Circuit breaker protected transformer for 24-volt controls
- Integrated circuit board with diagnostic indicator lights
- Multi-try direct ignition with 100% lockout
- High temperature limit control
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Reverse airflow limit switch
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- All service and vent connections from a single side
- Vent runs up to 50 feet (Model PDH)
- Through-the-cabinet or through-the-base electrical connections (Model PDH)
- Through the cabinet or through the base gas connections (Model RDH)
- Engineered heat exchanger condensate management
- Three hinged service doors with heavy duty hardware
- Pre-coat white gloss cabinet finish (all units); 60 gloss minimum and RAL 9001, meets ASTM B117 specification for salt spray for 1,000 hours (Model RDH only)

* U.S. Patent No. 6,889,686

REZNOR®

GAS HEATING AIR HANDLERS

Models PDH & RDH (cont'd)

STANDARD FEATURES (cont'd)

FACTORY INSTALLED OPTIONS

- Model PDH - slab or floor mounted; or ceiling suspended (4, 6 or 8 point base suspension based on modules selected); Model RDH - 4-point lift eyes for rooftop or slab mounting
- Fork lift openings built into the heavy gauge steel base (Model PDH)
- Heavy gauge steel base (Model RDH)
- Double wall cabinet with insulation (Model RDH)
- Stainless steel heat exchanger - 409 or 316 (stainless steel heat exchanger required for 70° - 120°F temperature rise)
- Heat exchanger extended warranty - 5-year or 10-year
- Natural gas or propane
- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 115/1 or 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Supply voltage - 115/1; 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- Unit mounted, lockable, non-fused service on/off switch
- Inlet air filters - 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Convenience outlet (requires separate power supply)
- Controls
 - ◆ Space temperature heating only
 - Analog single or two-stage gas valve with room thermostat control (thermostat is available as a shipped-separate accessory or may be field-supplied)
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas, 40% low fire - propane)/ three-stage cooling, reheat control
 - 8:1 modulation heating (12.5% low fire capacity)/ two-stage cooling (Model RDH size 175 and larger)
 - ◆ Discharge Temperature Makeup Air (Heating only)
 - Analog 2-stage with 2-stage ductstat or electronic sensor and 2-stage valve
 - ◆ Discharge Temperature Heating/Cooling Makeup Air
 - Digital two-stage heating/three-stage cooling
 - Digital electronic modulation heating (25% low fire - natural gas, 40% low fire - propane)/ two-stage cooling
 - 8:1 modulation heating (12.5% low fire capacity)/ two-stage cooling (Model RDH size 175 and larger)
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ No insulation; single or double wall with standard insulation (Model PDH)
 - ◆ High R-value insulation (all units)
 - ◆ Blower cabinet screen (Model PDH)
 - ◆ Inlet duct connection flange, or inlet on/off damper with duct flange
 - ◆ Discharge duct flange or louvers (horizontal or horizontal and vertical) (Model PDH)
- Mixing box module (double wall - Model RDH)
 - ◆ Five inlet configuration combinations including top, bottom, and rear (Model PDH)
 - ◆ Three inlet configuration combinations with 100% bottom return air opening and/or 100% outside air rear opening (Model RDH)
 - ◆ Inlet air configuration with 30% outside air opening and 100% return air opening (Model RDH)
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 v control
 - ◆ Bottom return air screen (Model RDH)
- Double wall downturn plenum cabinet (Model RDH)
 - ◆ Shutoff dampers
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ Open dripproof, TEFC (motors meet EISA specifications for efficiency)
 - ◆ Adjustable sheave and belt
 - ◆ Motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Cooling coil module with coil
 - ◆ DX coil (single, 50/50, or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins (coated or uncoated) - non-ozone depleting, R410A refrigerant
 - ◆ Chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins (coated or uncoated)
 - ◆ Stainless steel removable drain pan
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit, main DX coil with modulating or standard reheat control

FACTORY INSTALLED OPTIONS (cont'd)

- Discharge Duct Flange
- Evaporative cooling module
 - ◆ White pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Firestat
- Discharge temperature low limit
- Over/under voltage or phase loss protection
- High ambient limit (burner cutoff)
- Gas pressure switches (high, low, or both)

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Thermostats to match analog controls
- Gas pressure regulator
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Fusible and Non-Fused Disconnect Switch (NEMA 3R) (Model RDH)
- Vent cap (Model PDH)
- Vertical Vent Extension Kit (Model RDH)
- 16" Insulated Roof Curb (Model RDH)
- Intake Air Hood with Rain Baffles (Model RDH)
- Perimeter roof curb transitions to (C)RGB/RPB roof curbs - for Model RDH replacement of Models (C)RGB/RPB (Model RDH)
- Downturn nozzles (25-65° or 50-90°) with directional louvers (Model PDH)
- Main unit disconnect switch
- M-Series condenser

TECHNICAL DATA

Model PDH		Size	75	100	125	150	175	200	225	250	300	350	400A
Input Heating Capacity ^A	Btuh		75,000	100,000	125,000	150,000	175,000	200,000	225,000	250,000	300,000	350,000	400,000
	kw/h		22.0	29.3	36.6	43.9	51.2	58.6	65.9	73.2	87.8	102.5	117.1
Output Heating Capacity (81% Thermal Efficiency)	Btuh		60,750	81,000	101,250	121,500	141,750	162,000	182,250	202,500	243,000	283,500	324,000
	kw/h		17.8	23.7	29.6	35.6	41.5	47.4	53.4	59.3	71.2	83.0	94.9
Control Amps (24 volt)			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Full Load Amps (115 volt, less motor)			1.2	1.2	1.2	0.9	0.9	1.7	1.7	1.7	3.0	3.0	3.0
Blower	Size	inches	10x10	10x10	(2) 9x7	(2) 9x7	12x12	12x12	12x12	(2)12x7	(2)12x7	(2)12x12	(2)12x12
	Min Airflow Heating ^B	cfm	469	625	781	938	1094	1250	1406	1563	1875	2188	2500
	Max Airflow Heating	m ³ /min	13	18	22	27	31	35	40	44	53	62	71
	Min Airflow Cooling ^B	cfm	1406	1875	2344	2813	3281	3750	4219	4688	5625	6563	7500
	Max Airflow Cooling	m ³ /min	16	21	27	32	37	42	48	53	64	74	85
	Min Airflow Cooling	cfm	583	583	826	826	917	917	917	917	1537	1537	1843
Max Airflow Cooling	m ³ /min	17	17	23	23	26	26	26	26	44	44	52	52
Max Airflow Cooling	cfm	1406	1875	2344	2813	2916	2916	2916	2916	4688	4691	5061	5861
Vent Connection Diameter		inches	4	4	4	5	5	5	5	6	6	6	6
Maximum Vent Length		feet	30	40	35	35	35	50	50	50	50	50	50
		meters	9.14	12.19	10.67	10.67	10.67	15.24	15.24	15.24	15.24	15.24	15.24
Gas Connection	Natural	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4
	Propane	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4
Ship Weight (basic unit only; add module wts)		lbs	421	433	545	553	645	659	659	863	877	1008	1019
		kg	(191)	(196)	(247)	(251)	(293)	(299)	(299)	(391)	(398)	(457)	(462)
Net Weight (basic unit only; add module wts)		lbs	323	331	413	421	478	492	492	615	629	721	732
		kg	(146)	(150)	(187)	(191)	(217)	(223)	(223)	(279)	(285)	(327)	(332)
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x25	(2) 16x25	(2) 20x25	(2) 20x25	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20	(1) 16x16 (2) 20x20

For altitude adjustment, see the High Altitude Capacity Changes tables.

^A Does not include motor heat.

^B The minimum and maximum heating CFM based upon a temperature rise range from 40°F thru 120°F temperature rise. The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

TECHNICAL DATA

Model RDH	Size	75	100	125	150	175	200	225	250	300	350	400A	
Cabinet Size		A			B		C		D		E		
Input Heating Capacity ^A	Btuh	75,000	100,000	125,000	150,000	175,000	200,000	225,000	250,000	300,000	350,000	400,000	
	kw/h	22.0	29.3	36.6	43.9	51.2	58.6	65.9	73.2	87.8	102.5	117.1	
Output Heating Capacity (81% Thermal Efficiency)	Btuh	60,750	81,000	101,250	121,500	141,750	162,000	182,250	202,500	243,000	283,500	324,000	
	kw/h	17.8	23.7	29.6	35.6	41.5	47.4	53.4	59.3	71.2	83.0	94.9	
Control Amps (24 volt)		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Full Load Amps (115 volt, less motor)		1.2	1.2	1.2	0.9	0.9	1.7	1.7	1.7	3.0	3.0	3.0	
Blower	Size	inches	10x10	10x10	(2) 9x7	(2) 9x7	12x12	12x12	12x12	(2)12x7	(2)12x7	(2)12x12	(2)12x12
	Min Airflow Heating ^B	cfm	469	625	781	938	1094	1250	1406	1563	1875	2188	2500
	Max Airflow Heating	m ³ /min	13	18	22	27	31	35	40	44	53	62	71
	Min Airflow Cooling ^B	cfm	1406	1875	2344	2813	3281	3750	4219	4688	5625	6563	7500
	Max Airflow Cooling	m ³ /min	16	21	27	32	37	42	48	53	64	74	85
	Min Airflow Cooling ^B	cfm	583	583	826	826	917	917	917	1537	1537	1843	1843
Gas Connection	Natural	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	
	Propane	inches	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	
Ship Weight (basic unit only; add module wts)	lbs	453	466	586	595	693	719	719	925	940	1,080	1,092	
Net Weight (basic unit only; add module wts) ^C	lbs	355	364	454	463	526	552	552	677	692	793	805	
	kg	(161)	(165)	(206)	(210)	(239)	(250)	(250)	(307)	(314)	(360)	(365)	
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x25	(2) 16x25	(2) 20x25	(2) 20x25	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

^A Does not include motor heat.

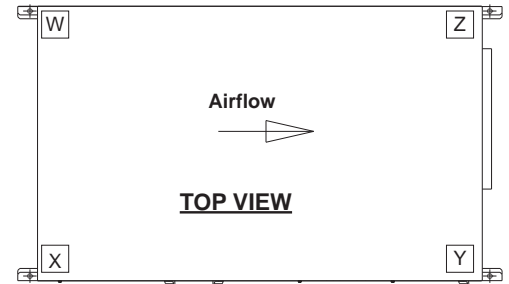
^B The minimum and maximum heating CFM based upon a temperature rise range from 40°F thru 120°F temperature rise. The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

^C Does not include motor weight.

Downturn Plenum Weight

- Add weight below to unit weight in Technical Data Table. Downturn Plenum Option AQ5 or AQ8 available on Model RDH Only.

		Model RDH Size	75-100	125-225	250-300	350-400A
Downturn Plenum Only Net Weight	Option AQ5	lbs	140	158	190	206
	Bottom Opening	kg	63	72	86	93
	Option AQ8	lbs	156	176	211	229
	Bottom Opening & 2 Position Damper	kg	71	80	96	104



^C Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

Corner Weights ^C

Model PDH

Size		W	X	Y	Z
75	lbs.	70	63	92	98
	(kg.)	(32)	(29)	(42)	(44)
100	lbs.	70	63	96	102
	(kg.)	(32)	(29)	(44)	(46)
125	lbs.	92	87	113	121
	(kg.)	(42)	(39)	(51)	(55)
150	lbs.	92	87	117	125
	(kg.)	(42)	(39)	(53)	(57)
175	lbs.	80	74	156	168
	(kg.)	(36)	(34)	(71)	(76)
200	lbs.	80	74	163	175
	(kg.)	(36)	(34)	(74)	(79)
225	lbs.	80	74	163	175
	(kg.)	(36)	(34)	(74)	(79)
250	lbs.	124	110	180	201
	(kg.)	(56)	(50)	(82)	(91)
300	lbs.	124	110	187	208
	(kg.)	(56)	(50)	(85)	(94)
350	lbs.	158	155	198	210
	(kg.)	(72)	(70)	(90)	(95)
400	lbs.	158	155	202	217
	(kg.)	(72)	(70)	(92)	(98)

Corner Weights ^C

Model RDH

Size		W	X	Y	Z
75	Lbs.	77	69	101	108
	(kg.)	(35)	(31)	(46)	(49)
100	Lbs.	79	71	104	110
	(kg.)	(36)	(32)	(47)	(50)
125	Lbs.	98	89	129	138
	(kg.)	(44)	(40)	(59)	(63)
150	Lbs.	100	90	132	140
	(kg.)	(45)	(41)	(60)	(64)
175	Lbs.	114	103	150	160
	(kg.)	(52)	(47)	(68)	(73)
200	Lbs.	117	106	154	164
	(kg.)	(53)	(48)	(70)	(74)
225	Lbs.	120	108	157	167
	(kg.)	(54)	(49)	(71)	(76)
250	Lbs.	147	132	193	205
	(kg.)	(67)	(60)	(88)	(93)
300	Lbs.	150	135	197	210
	(kg.)	(68)	(61)	(89)	(95)
350	Lbs.	172	155	226	241
	(kg.)	(78)	(70)	(103)	(109)
400A	Lbs.	174	157	229	244
	(kg.)	(79)	(71)	(104)	(111)

For installations where dirt, dust, and other air borne contamination is present in the indoor environment, it is recommended to use separated combustion units (Model SDH). These models use air from outside the space for combustion. This will help reduce the build up of contaminants on the burner which would affect the combustion process. Refer to the installation manuals for recommended frequency of maintenance and cleaning.

REZNOR®

PREEVA®

ELECTRIC HEAT AIR HANDLERS MODELS PEH & REH



Intertek

UL 1995
CAN/CSA 22.22

DESCRIPTION

Models PEH and REH come in 4 cabinet sizes featuring a total of 13 electric heat sizes. When matched with the optional SCR modulating control, the air handler provides precise heating from standard room heating to 100% outside air ventilation applications.

Standard features include high temperature limit control and centrifugal belt-driven blower capable of up to 3" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Optional features include factory-assembled, modular sections — a draw-through cooling coil cabinet module with either chilled water or DX coil (with or without reheat), unit mounted disconnect, on/off air damper, and an inlet air mixing box module with a variety of configurations, damper options and an evaporative cooling module. Optional dH cooling is also available to provide dehumidification of 100% outside air or a mixture of outside/return air. The self contained dedicated ReHeat pump™ provides 12°F - 17°F reheat temperature rise from the main evaporator coil discharge. The DX cooling coils are optimized for best performance when the reheat pump is on or off. For precise control, modulating reheat can be added. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog makeup air controls. Model REH can include an optional downturn discharge air plenum and an intake weather hood with rain baffles (cabinet mounted on/off air damper can be used in conjunction with weather hood).

STANDARD FEATURES

- ETL certification
- 20°-75°F temperature rise (20° temperature rise not available on all sizes. See technical data table.)
- Double wall cabinet construction (Model REH)
- Pre-coat white gloss cabinet finish (all units); 60 gloss minimum and RAL 9001, meets ASTM B117 specification for salt spray for 1,000 hours (Model REH only)
- Circuit breaker protected transformer for 24-volt controls
- High temperature limit control
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Reverse airflow limit switch
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- All service connections from a single side
- Through-the-cabinet or through-the-base electrical
- Three hinged service doors with heavy duty hardware
- Pre-coat white gloss cabinet finish
- Model PEH - slab or floor mounted; or ceiling suspended (4, 6 or 8 point base suspension based on modules selected); Model REH - 4-point lift eyes for rooftop or slab mounting
- Fork lift openings built into the heavy gauge steel base (Model PEH)
- Heavy gauge steel base (Model REH)
- Discharge duct flange

FACTORY INSTALLED OPTIONS

- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Supply voltage - 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- Unit mounted, lockable, non-fused service on/off switch
- Inlet air filters - 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Convenience outlet (requires separate power supply)
- Controls
 - ◆ Space temperature heating only
 - Analog single-single or two-stage thermostat control (thermostat is available as a shipped-separate accessory or may be field-supplied)
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Single-stage, two-stage heating/three-stage cooling
 - Electronic modulation heating (SCR) three-stage cooling, reheat control, reheat control
 - ◆ Discharge temperature heating/cooling makeup air
 - Single-stage, two-stage heating/three-stage cooling with room command module reset
 - Electronic modulation heating (SCR) three-stage cooling with room command module reset, reheat control
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ No insulation; single or double wall with standard insulation (Model PEH)
 - ◆ High R-value insulation (all units)
 - ◆ Blower cabinet screen (Model PEH)
 - ◆ Inlet duct connection flange, or inlet on/off damper with duct flange
 - ◆ Blower cabinet screen, inlet duct connection flange, or inlet on/off damper with duct flange
- Mixing Box Module
 - ◆ Five inlet configuration combinations including top, bottom, and rear (Model PEH)
 - ◆ Three inlet configuration combinations with 100% bottom return air opening and/or 100% outside air rear opening (Model REH)
 - ◆ Inlet air configuration with 30% outside air opening and 100% return air opening (Model REH)
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 v control
 - ◆ Bottom return air screen (Model REH)
- Double wall downturn plenum cabinet (Model REH)
 - ◆ Shutoff dampers
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ Open dripproof, TEFC (motors meet EISA specifications for efficiency)
 - ◆ Adjustable sheave and belt
 - ◆ Motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Cooling coil module with coil
 - ◆ DX coil (single, 50/50, or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins (coated or uncoated) - non-ozone depleting, R410A refrigerant
 - ◆ Chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins (coated or uncoated)
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit; Galvanized or stainless casing; Copper or aluminum fins; Coated and uncoated; Modulating or standard reheat control
- Evaporative cooling module
 - ◆ White pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Firestat
- Discharge temperature low limit
- Over/under voltage or phase loss protection

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Thermostats to match analog controls
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Fusible and non-fused disconnect switch (NEMA 3R) (Model REH)
- 16" insulated roof curb (Model REH)
- Intake air hood with rain baffles (Model REH)
- Perimeter roof curb transitions to (C)RGB/RPB roof curbs - for replacement of Models (C)RGB/RPB (Model REH)
- Main unit disconnect switch
- M-Series condenser

TECHNICAL DATA

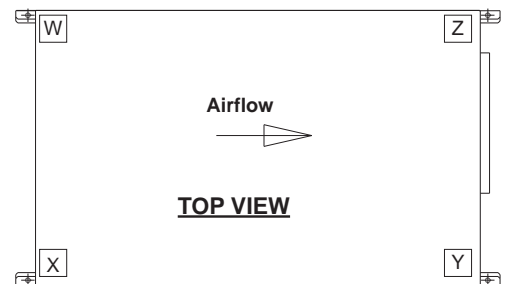
PreevA Electric Heat (Models PEH)	Cabinet Size	A			B			D				E			
	Unit Size	10A*	20A	40A	15B*	30B	60B	30D	60D	90D	120D	40E	80E	120E	
Heating Capacity	kW Size	10	20	40	15	30	60	30	60	90	120	40	80	120	
	BTUequiv	34.2	68.3	136.7	51.3	102.5	205.0	102.5	205.0	307.5	410.0	136.7	273.4	410.0	
	BTUequiv*** (208V Power)	25.6	51.3	102.5	38.4	76.9	153.8	76.9	153.8	230.6	307.5	102.5	205.0	307.5	
Weight lbs - (kg) (Base Only, Add Module wts)	PEH	402	402	402	524	524	524	774	774	774	774	881	881	881	
		(182)	(182)	(182)	(238)	(238)	(238)	(351)	(351)	(351)	(351)	(400)	(400)	(400)	
Blower	Size	inches 10x10			(2) 9x7			(2) 12x7				(2) 12x12			
	Min Airflow Heating	Temp. Rise (°F)	75	75	75	75	75	75	75	75	75	75	75	75	75
		cfm	422	844	1687	633	1266	2531	1266	2531	3797	5062	1687	3375	5062
		m3/min	12	24	48	18	36	72	36	72	108	143	48	96	143
	Max Airflow Heating	Temp. Rise (°F)	20	20	33	20	20	20	20	20	20	20	20	20	20
		cfm	1582	3164	6328	2373	4746	7688	4746	7688	7688	7688	6328	7688	7688
		m³/min	45	90	179	67	134	218	134	218	218	218	179	218	218
	Min Airflow Cooling**	cfm	583	583	583	826	826	826	1537	1537	1537	1537	1843	1843	1843
		m³/min	17	17	17	23	23	23	44	44	44	44	52	52	52
	Max Airflow Cooling	cfm	1875	1875	1875	2813	2813	2813	4691	4691	4691	4691	5861	5861	5861
m³/min		53	53	53	80	80	80	133	133	133	133	166	166	166	
Filters (qty and Size (Factory Installed Filters are optional))		(2) 16x25			(2) 20x25			(3) 16x16 (3) 16x20				(1) 16x16 (2) 20x20 (3) 16x20			

^A Electric heat: 10A & 15B single phase 115/230V, 20A single and 3 Phase, All other sizes 3 phase 208-575V power
^B Derate electric heat output by 25% for all 208V systems.
^C The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

Corner Weights ^D

Model PEH

Cabinet Size		W	X	Y	Z
A	lbs.	70	63	96	102
	(kg.)	(32)	(29)	(44)	(46)
B	lbs.	92	87	117	125
	(kg.)	(42)	(39)	(53)	(57)
D	lbs.	124	110	187	208
	(kg.)	(56)	(50)	(85)	(94)
E	lbs.	158	155	202	217
	(kg.)	(72)	(70)	(92)	(98)



^D Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

TECHNICAL DATA

PreevA Electric Heat (Model REH)		Cabinet Size	A			B			D				E		
		Unit Size	10A*	20A	40A	15B*	30B	60B	30D	60D	90D	120D	40E	80E	120E
Heating Capacity*	kW Size	10	20	40	15	30	60	30	60	90	120	40	80	120	
	BTUequiv	34.2	68.3	136.7	51.3	102.5	205.0	102.5	205.0	307.5	410.0	136.7	273.4	410.0	
	BTUequiv*** (208V Power)	25.6	51.3	102.5	38.4	76.9	153.8	76.9	153.8	230.6	307.5	102.5	205.0	307.5	
Weight lbs - (kg)** (Base Only, Add Module wts)		REH	442 (200)	442 (200)	442 (200)	524 (238)	524 (238)	524 (238)	794 (360)	794 (360)	794 (360)	794 (360)	901 (409)	901 (409)	901 (409)
Blower	Size	inches	10x10			(2) 9x7			(2) 12x7				(2) 12x12		
	Min Airflow Heating**	cfm	422	844	1687	633	1266	2531	1266	2531	3797	5062	1687	3375	5062
		m ³ /min	12	24	48	18	36	72	36	72	108	143	48	96	143
	Max Airflow Heating	cfm	1281	2563	5126	1922	3844	7688	3844	7688	7688	7688	7688	7688	7688
		m ³ /min	36	73	145	54	109	218	109	218	218	218	218	218	218
	Min Airflow Cooling**	cfm	583	583	583	826	826	826	1537	1537	1537	1537	1843	1843	1843
		m ³ /min	17	17	17	23	23	23	44	44	44	44	52	52	52
Max Airflow Cooling	cfm	1875	1875	1875	2813	2813	2813	4691	4691	4691	4691	5861	5861	5861	
	m ³ /min	53	53	53	80	80	80	133	133	133	133	166	166	166	
Filters (qty and Size (Factory Installed Filters are optional))			(2) 16x25			(2) 20x25			(3) 16x16 (3) 16x20				(1) 16x16 (2) 20x20 (3) 16x20		

^A Electric heat: 10A & 15B single phase 115/230V, 20A single and 3 Phase, All other sizes 3 phase 208-575V power

^B Derate electric heat output by 25% for all 208V systems.

^C The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

Downturn Plenum Weight

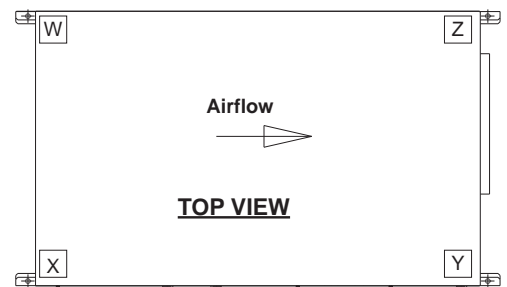
- Add weight below to unit weight in Technical Data Table. Downturn Plenum Option AQ5 or AQ8 available on Model REH Only.

Model REH Cabinet Size		A	B	D	E	
Downturn Plenum Only Net Weight	Option AQ5 - Bottom Opening	lbs	140	158	190	206
		kg	(63)	(72)	(86)	(93)
	Option AQ8 - Bottom Opening & 2 Position Damper	lbs	156	176	211	229
		kg	(71)	(80)	(96)	(104)

Corner Weights ^E

Model REH

Cabinet Size		W	X	Y	Z
A	Lbs.	79	71	104	110
	(kg.)	(36)	(32)	(47)	(50)
B	Lbs.	100	90	132	140
	(kg.)	(45)	(41)	(60)	(64)
D	Lbs.	150	135	197	210
	(kg.)	(68)	(61)	(89)	(95)
E	Lbs.	174	157	229	244
	(kg.)	(79)	(71)	(104)	(111)



^E Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

REZNOR®

PREEVA®

AIR HANDLERS MODELS PXH & RXH (Optional Hydronic Heating Module)



Model PXH



Model RXH



Intertek
ANSI/UL 1995
CAN/CSA 22.2
No. 236-05

DESCRIPTION

Models PXH and RXH are configurable air handlers. The units have forward curve blowers allowing for standard or high efficiency motors and VFD control.

Standard features include unit mounted disconnect, and centrifugal belt-driven blower capable of up to 3" w.c. of total static pressure. Both the forward curved blower and the blower motor are factory installed on vibration isolation mounts. All published airflow data are supported by AMCA tested and rated airflow performance curves. The energy usage of the system has been designed to meet the current ASHRAE Standard 90.1 (maximum 1.2 bhp per 1000 cfm).

Optional features include factory-assembled, modular sections — a draw-through cooling coil cabinet module with either chilled water or DX coil (with or without reheat), on/off air damper, and an inlet air mixing box module with a variety of configurations, damper options and an evaporative cooling module. Optional dH cooling is also available to provide dehumidification of 100% outside air or a mixture of outside/return air. The self contained dedicated ReHeat pump™ provides 12°F - 17°F reheat temperature rise from the main evaporator coil discharge. The DX cooling coils are optimized for best performance when the reheat pump is on or off. For precise control, modulating reheat can be added. A complete heating and cooling advanced digital control package is available in addition to common industry standard analog makeup air controls. Model RXH can include an optional downturn discharge air plenum and an intake weather hood with rain baffles (cabinet mounted on/off air damper can be used in conjunction with weather hood).

An optional hydronic heating coil ^A module can also be added. The coil is constructed of turbo spiral tubing. Choose from left or right connections. For proper coil size selection use RezPro® Toolbox software selection program. Altitude and glycol content must be specified.

STANDARD FEATURES

- ETL certification
- Double wall cabinet construction (Model RXH)
- Pre-coat white gloss cabinet finish (all units); 60 gloss minimum and RAL 9001, meets ASTM B117 specification for salt spray for 1,000 hours (Model RXH only)
- Circuit breaker protected transformer for 24-volt controls
- Rubber-in-sheer vibration isolation
- L50 bearing rating with a life expectancy of 150,000 hours
- Airflow pressure switch to verify circulating blower operation on makeup air options
- Socketed, high quality switching relays to facilitate service
- Through-the-cabinet or through-the-base electrical
- Three hinged service doors with heavy duty hardware
- Model PXH - slab or floor mounted; or ceiling suspended (4, 6 or 8 point base suspension based on modules selected); Model RXH - 4-point lift eyes for rooftop or slab mounting
- Fork lift openings built into the heavy gauge steel base (Model PXH)
- Heavy gauge steel base (Model RXH)

FACTORY INSTALLED OPTIONS

- UV germicidal lamps - ultraviolet emitter for neutralization of VOCs and airborne micro-organisms for improved IAQ - not filtration. (Requires cooling coil cabinet Option AU. Separate 115/1 or 208/1 or 230/1 wiring/breaker and a separate disconnect must be provided.)
- Cooling coil module with coil
- Supply voltage - 115/1; 208/1; 230/1; 208/3; 230/3; 460/3; 575/3
- Unit mounted, lockable, non-fused service on/off switch
- Inlet air filters - 2" disposable or permanent; 2", or 4" pleated disposable; arranged in vertical flat bank for ease of service
- Convenience outlet (requires separate power supply)
- Cabinet configuration and construction
 - ◆ Left or right side controls
 - ◆ No insulation; single or double wall with standard insulation (Model PXH)
 - ◆ High R-value insulation (all units)
 - ◆ Blower cabinet screen (Model PXH)
 - ◆ Inlet duct connection flange, or inlet on/off damper with duct flange
 - ◆ Discharge duct flange or louvers (horizontal or horizontal and vertical) (Model PXH)
 - ◆ Blower cabinet screen, inlet duct connection flange, or inlet on/off damper with duct flange

AIR HANDLERS

Models PXH & RXH (cont'd)

(Optional Hydronic Heating Module)

FACTORY INSTALLED OPTIONS (cont'd)

- Controls
 - ◆ Space or discharge temperature heating/cooling (FX06/07 platform) (optional room command module required for space control)
 - Digital single-stage modulating heating (hydronic valves supplied by others)/three-stage cooling, dedicated DX reheat control system
 - Digital electronic modulation heating (25% low fire - natural gas, 40% low fire - propane)/ three-stage cooling, dedicated DX reheat control system
 - ◆ Thermostat discharge temperature heating/cooling makeup air
 - Digital two-stage heating/three-stage cooling
 - ◆ Modulating thermostat for heating/cooling
 - ◆ Thermostat for 2-stage heating/3-stage cooling
- Mixing Box Module
 - ◆ Five inlet configuration combinations including top, bottom, and rear (Model PXH)
 - ◆ Three inlet configuration combinations with 100% bottom return air opening and/or 100% outside air rear opening (Model RXH)
 - ◆ Inlet air configuration with 30% outside air opening and 100% return air opening (Model RXH)
 - ◆ Manual, motorized 2 or 3 position, motorized modulating return air or outside air and return air dampers
 - ◆ Direct-coupled 24VAC damper actuators
 - ◆ Damper control selections such as 0-135 ohms resistance potentiometer, building pressure, or 0-10 v control
 - ◆ Bottom return air screen (Model RXH)
- Double wall downturn plenum cabinet (Model RXH)
 - ◆ Shutoff dampers
- Blower motor (1/4 to 5 HP) - see pressure drops and blower charts
 - ◆ open dripproof, TEFC (motors meet EISA specifications for efficiency)
 - ◆ adjustable sheave and belt
 - ◆ motor contactor; IEC motor starter; or factory-installed variable frequency drive
- Hydronic heating coil and module, blow-through (valves to be supplied by others)
 - ◆ For proper selection, use Reznor coil selector software included in RezPro® Toolbox (calculator required for proper altitude and glycol content)
 - ◆ Left or right coil connections
 - ◆ Turbo spiral tubing
- Cooling coil module with coil
 - ◆ DX coil (single, dual or 1/3-2/3 circuit; galvanized or stainless casing; copper or aluminum fins (coated or uncoated) - non-ozone depleting, R410A refrigerant
 - ◆ chilled water coil (3-45 tons; 1/4, 1/2, 3/4, or full circuiting; galvanized or stainless casing; copper or aluminum fins (coated or uncoated)
- DX coil module with dehumidification control. Single, dual and 1/3-2/3 circuit, main DX coil with modulating or standard reheat control
 - ◆ Separate compressor for dehumidification system
 - ◆ Hot gas bypass
 - ◆ Modulating control
- Evaporative cooling module
 - ◆ white pre-painted or 300 series stainless steel cabinet
 - ◆ 300 series stainless steel reservoir
 - ◆ Recirculating pump or AquaSaver microprocessor-based, timed water distribution system
 - Water recirculating pump with optional (field installed) fill and drain kit
 - AquaSaver water metering device with optional (field installed) freeze protection
 - ◆ 12" CELdek® or GLASdek® UL 900 Class II noncombustible media
 - ◆ 1" or 2" aluminum pre-filter
 - ◆ Water hammer arrestor (field installed)
- Over/under voltage or phase loss protection
- Discharge air temperature low limit

FIELD INSTALLED OPTIONS

- Variable frequency drive (factory-installed is also available)
- Smoke detector (in ductwork)
- Remote control console and unit monitoring
- Fusible and non-fused disconnect switch (NEMA 3R) (Model RXH)
- 16" insulated roof curb (Model RXH)
- Intake air hood with rain baffles (Model RXH)
- Perimeter roof curb transitions to (C)RGB/RPB roof curbs - for replacement of Models (C)RGB/RPB (Model RXH) (Not available for units with hydronic heat)
- Thermostats to match analog controls
- Downturn nozzles (25-65° or 50-90°) with directional louvers (available on Model PXH)
- Main unit disconnect switch
- M-Series condenser

AIR HANDLERS Models PXH & RXH (cont'd) (Optional Hydronic Heating Module)

TECHNICAL DATA

Model PXH	Cabinet Size	A	B	C	D	E	
Control Amps (24 volt)		1.0	1.0	1.0	1.0	1.0	
Full Load Amps (115 volt, less motor)		1.2	1.2	0.9	1.7	3.0	
Blower	Size	inches	10x10	(2) 9x7	12x12	(2)12x7	(2)12x12
	Min Airflow	cfm	583	826	917	1537	1843
	Cooling**	m³/min	17	23	26	44	52
	Max Airflow	cfm	1406	2344	2916	4688	5061
	Cooling	m³/min	40	66	83	133	143
Ship Weight (basic unit only; add module wts)		lbs	370	490	550	720	820
		kg	(168)	(222)	(249)	(327)	(372)
Net Weight (basic unit only; add module wts) ^B		lbs	232	283	328	399	450
		kg	(105)	(128)	(149)	(181)	(204)
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x25	(2) 20x25	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

^A The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

^B Does not include motor weight.

TECHNICAL DATA

Model RXH	Cabinet Size	000A	000B	000C	000D	000E	
Control Amps (24 volt)		1.0	1.0	1.0	1.0	1.0	
Full Load Amps (115 volt, less motor)		1.2	1.2	0.9	1.7	3.0	
Blower	Size	inches	10x10	(2) 9x7	12x12	(2)12x7	(2)12x12
	Min Airflow	cfm	583	826	917	1537	1843
	Cooling ^A	m³/min	17	23	26	44	52
	Max Airflow	cfm	1406	2344	2916	4688	5061
	Cooling ^A	m³/min	40	66	83	133	143
Ship Weight (basic unit only; add module wts)		lbs	390	510	570	750	855
		kg	(177)	(231)	(259)	(340)	(388)
Net Weight (basic unit only; add module wts) ^B		lbs	265	325	388	461	522
		kg	(120)	(147)	(176)	(209)	(237)
Filter (Qty) and Size (Factory-installed filters are optional.)			(2) 16x25	(2) 20x25	(2) 16x16 (2) 16x20	(3) 16x16 (3) 16x20	(1) 16x16 (2) 20x20 (3) 16x20

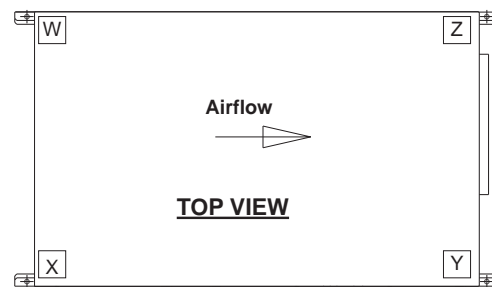
^A The maximum and minimum cooling CFM is based upon air velocity ranges of 200 FPM thru 500 FPM. The actual CFM may be limited by e.s.p., design conditions, selected options, elevation and other items.

^B Does not include motor weight.

Downturn Plenum Weight

- Add weight below to unit weight in Technical Data Table. Downturn Plenum Option AQ5 or AQ8 available on Model RXH Only.

Model RXH Cabinet Size		000A	000B	000C	000D	000E	
Downturn Plenum Only Net Weight	Option AQ5 - Bottom Opening	lbs	140	158	158	190	206
		kg	(63)	(72)	(72)	(86)	(93)
	Option AQ8 - Bottom Opening & 2 Position Damper	lbs	156	176	176	211	229
		kg	(71)	(80)	(80)	(96)	(104)



^B Corner weights are for base unit and include standard controls only. Weights do not include motor, double wall construction, or any optional accessories such as cooling coil cabinet, or mixing box.

Corner Weights^B

Model PXH

SIZE		Y	X	Z	W
000A	lbs.	55	72	59	77
	(kg)	(25)	(33)	(27)	(35)
000B	lbs.	68	88	69	89
	(kg)	(31)	(40)	(31)	(40)
000C	lbs.	74	97	81	107
	(kg)	(34)	(44)	(37)	(48)
000D	lbs.	93	122	93	122
	(kg)	(42)	(55)	(42)	(55)
000E	lbs.	105	137	104	136
	(kg)	(47)	(62)	(47)	(62)

Corner Weights^B

Model RXH

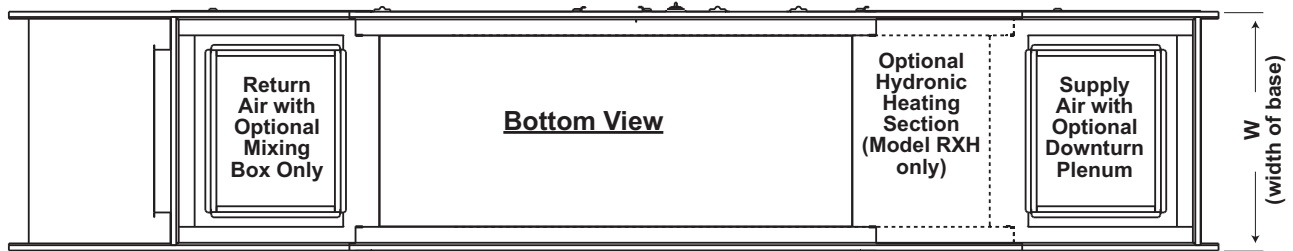
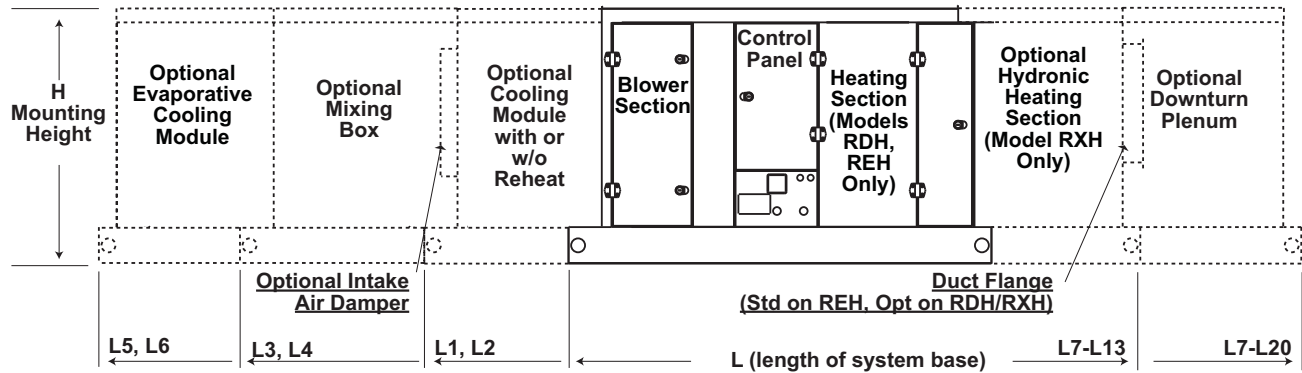
SIZE		A	B	C	D
000A	lbs.	63	81	67	86
	(kg)	(28)	(37)	(30)	(39)
000B	lbs.	78	98	79	101
	(kg)	(35)	(45)	(36)	(46)
000C	lbs.	88	113	96	123
	(kg)	(40)	(51)	(43)	(56)
000D	lbs.	107	138	108	139
	(kg)	(49)	(63)	(49)	(63)
000E	lbs.	121	155	121	156
	(kg)	(55)	(70)	(55)	(71)

Models RDH, REH, RHH and RXH - ±1.8" (±3mm)

Air Flow		→	→	→	→
Evaporative Cooling Module	Inlet Air Mixing Box	Cooling Coil Module with DX or Chilled Water Coils (with or without Reheat)	Cool Mod w/Reheat ^A	Gas Fired Heat (RDH), Electric Heat (REH), Super High Efficiency (RHH) or Air Handler (RXH)	Key to Dimension Code "L"
	Evap				
					L
			Mix Box	Base Unit	L1
			Evap	Base Unit	L1
			Cool Mod w/o Reheat	Base Unit	L1
			Cool Mod w/Reheat	Base Unit	L2
	Evap		Mix Box	Base Unit	L3
	Mix Box		Cool Mod w/o Reheat	Base Unit	L3
	Mix Box		Cool Mod w/Reheat	Base Unit	L4
	Evap		Cool Mod w/o Reheat	Base Unit	L3
Evap	Mix Box		Cool Mod w/o Reheat	Base Unit	L5
				Air Handler (RXH)	Optional Hydronic Heating Module (RXH Only)
				Base Unit	Hydronic
			Mix Box	Base Unit	Hydronic
			Evap	Base Unit	Hydronic
			Cool Mod w/o Reheat	Base Unit	Hydronic
			Cool Mod w/Reheat	Base Unit	Hydronic
	Evap		Mix Box	Base Unit	Hydronic
	Mix Box		Cool Mod w/o Reheat	Base Unit	Hydronic
	Mix Box		Cool Mod w/Reheat	Base Unit	Hydronic
	Evap		Cool Mod w/o Reheat	Base Unit	Hydronic
Evap	Mix Box		Cool Mod w/o Reheat	Base Unit	Hydronic
Evaporative Cooling Module	Inlet Air Mixing Box	Cooling Coil Module with DX or Chilled Water Coils (with or without Reheat)	Gas Fired Heat (RDH), Electric Heat (REH), Super High Efficiency (RHH) or Air Handler (RXH)	Vertical Discharge, Downturn Plenum	Key to Dimension Code "L"
	Evap				
				Downturn	L12
		Mix Box	Base Unit	Downturn	L13
		Evap	Base Unit	Downturn	L13
		Cool Mod w/o Reheat	Base Unit	Downturn	L13
		Cool Mod w/Reheat	Base Unit	Downturn	L14
	Evap	Mix Box	Base Unit	Downturn	L15
	Mix Box		Base Unit	Downturn	L15
	Mix Box		Base Unit	Downturn	L16
	Evap		Base Unit	Downturn	L15
Evap	Mix Box		Base Unit	Downturn	L17
				Hydronic Heating Module	Downturn Plenum
			Base Unit	Hydronic	Downturn
		Mix Box	Base Unit	Hydronic	Downturn
		Evap	Base Unit	Hydronic	Downturn
		Cool Mod w/o Reheat	Base Unit	Hydronic	Downturn
		Cool Mod w/Reheat	Base Unit	Hydronic	Downturn
	Evap	Mix Box	Base Unit	Hydronic	Downturn
	Mix Box		Base Unit	Hydronic	Downturn
	Mix Box		Base Unit	Hydronic	Downturn
	Evap		Base Unit	Hydronic	Downturn
Evap	Mix Box		Base Unit	Hydronic	Downturn

Model and Size				W		H	
RDH	REH	RXH	RHH	in.	(mm)	in.	(mm)
75, 100	10A, 20A, 40A	000A	--	33 3/4	(857)	36 11/16	(932)
125, 150	15B, 30B, 60B	000B	--	43 3/4	(1,111)	36 11/16	(932)
175, 200, 225	N/A	000C	130, 180	33 3/4	(857)	45 15/16	(1,167)
250, 300	30D, 60D, 90D, 120D	000D	260	50	(1,270)	45 15/16	(1,167)
350, 400A	40E, 80E, 120E	000E	350	58	(1,473)	45 15/16	(1,167)

Models RDH, REH, RHH and RXH - ±1.8" (±3mm)



Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

Model and Size			L		L1		L2		L3		L4		L5	
RDH	REH	RXH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
75, 100	10A, 20A, 40A	000A	60 13/16	(1,545)	88 9/16	(2,249)	113 9/16	(2,884)	116 5/16	(2,954)	141 5/16	(3,589)	144 1/16	(3,659)
125, 150	15B, 30B, 60B	000B	60 13/16	(1,545)	88 9/16	(2,249)	113 9/16	(2,884)	116 5/16	(2,954)	141 5/16	(3,589)	144 1/16	(3,659)
175, 200, 225	N/A	000C	76 1/2	(1,943)	104 1/4	(2,648)	129 1/4	(3,283)	132	(3,353)	157	(3,988)	159 3/4	(4,058)
250, 300	30D, 60D, 90D, 120D	000D	76 1/2	(1,943)	104 1/4	(2,648)	129 1/4	(3,283)	132	(3,353)	157	(3,988)	159 3/4	(4,058)
350, 400A	40E, 80E, 120E	000E	76 1/2	(1,943)	104 1/4	(2,648)	129 1/4	(3,283)	132	(3,353)	157	(3,988)	159 3/4	(4,058)

Model and Size	L6		L7		L8		L9		L10		L11	
RXH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000A	77 1/2	(1,969)	105 1/4	(2,673)	130 1/4	(3,308)	133	(3,378)	158	(4,013)	160 3/4	(4,083)
000B	77 1/2	(1,969)	105 1/4	(2,673)	130 1/4	(3,308)	133	(3,378)	158	(4,013)	160 3/4	(4,083)
000C	93 3/16	(2,367)	120 15/16	(3,072)	145 15/16	(3,707)	148 11/16	(3,777)	173 11/16	(4,412)	176 7/16	(4,482)
000D	93 3/16	(2,367)	120 15/16	(3,072)	145 15/16	(3,707)	148 11/16	(3,777)	173 11/16	(4,412)	176 7/16	(4,482)
000E	93 3/16	(2,367)	120 15/16	(3,072)	145 15/16	(3,707)	148 11/16	(3,777)	173 11/16	(4,412)	176 7/16	(4,482)

Model and Size			L12		L13		L14		L15		L16		L17	
RDH	REH	RXH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
75, 100	10A, 20A, 40A	000A	88 9/16	(2,249)	116 5/16	(2,954)	141 5/16	(3,589)	144 1/16	(3,659)	169 1/16	(4,294)	172 1/8	(4,372)
125, 150	15B, 30B, 60B	000B	88 9/16	(2,249)	116 5/16	(2,954)	141 5/16	(3,589)	144 1/16	(3,659)	169 1/16	(4,294)	172 1/8	(4,372)
175, 200, 225	N/A	000C	104 1/4	(2,648)	132	(3,353)	157	(3,988)	159 3/4	(4,058)	184 3/4	(4,693)	187 1/2	(4,763)
250, 300	30D, 60D, 90D, 120D	000D	104 1/4	(2,648)	132	(3,353)	157	(3,988)	159 3/4	(4,058)	184 3/4	(4,693)	187 1/2	(4,763)
350, 400A	40E, 80E, 120E	000E	104 1/4	(2,648)	132	(3,353)	157	(3,988)	159 3/4	(4,058)	184 3/4	(4,693)	187 1/2	(4,763)

Model and Size	L18		L19		L20		L21		L22		L23	
RXH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000A	94 1/8	(2,391)	121 7/8	(3,096)	146 7/8	(3,731)	149 5/8	(3,800)	174 5/8	(4,435)	177 3/8	(4,505)
000B	94 1/8	(2,391)	121 7/8	(3,096)	146 7/8	(3,731)	149 5/8	(3,800)	174 5/8	(4,435)	177 3/8	(4,505)
000C	109 13/16	(2,789)	137 9/16	(3,494)	162 9/16	(4,129)	165 5/16	(4,199)	190 5/16	(4,834)	193 1/16	(4,904)
000D	109 13/16	(2,789)	137 9/16	(3,494)	162 9/16	(4,129)	165 5/16	(4,199)	190 5/16	(4,834)	193 1/16	(4,904)
000E	109 13/16	(2,789)	137 9/16	(3,494)	162 9/16	(4,129)	165 5/16	(4,199)	190 5/16	(4,834)	193 1/16	(4,904)

Model and Size	L		L1		L2		L3		L4		L5	
RHH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
130, 180	86 1/2	(2,197)	114 1/4	(2,902)	139 1/4	(3,537)	142	(3,607)	167	(4,242)	169 3/4	(4,312)
260	86 1/2	(2,197)	114 1/4	(2,902)	139 1/4	(3,537)	142	(3,607)	167	(4,242)	169 3/4	(4,312)
350	86 1/2	(2,197)	114 1/4	(2,902)	139 1/4	(3,537)	142	(3,607)	167	(4,242)	169 3/4	(4,312)

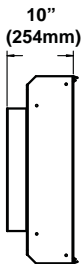
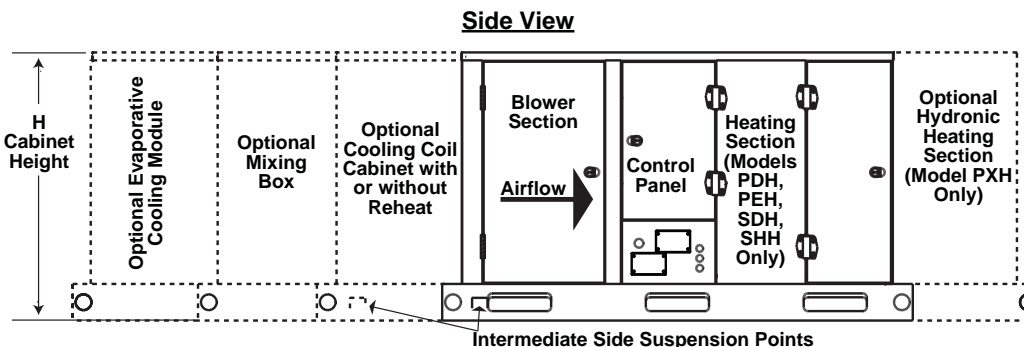
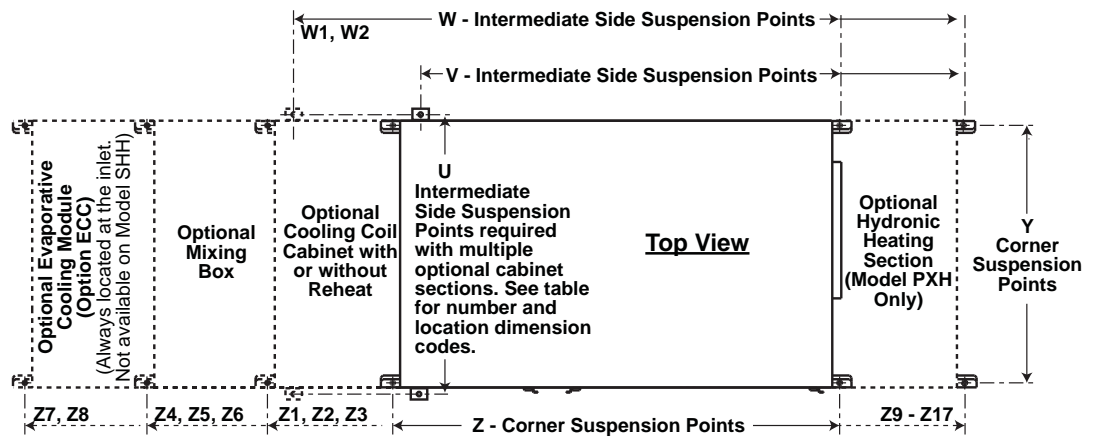
Model and Size	L12		L13		L14		L15		L16		L17	
RXH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000C	114 1/4	(2,902)	142	(3,607)	167	(4,242)	169 3/4	(4,312)	194 3/4	(4,947)	197 1/2	(5,017)
000D	114 1/4	(2,902)	142	(3,607)	167	(4,242)	169 3/4	(4,312)	194 3/4	(4,947)	197 1/2	(5,017)
000E	114 1/4	(2,902)	142	(3,607)	167	(4,242)	169 3/4	(4,312)	194 3/4	(4,947)	197 1/2	(5,017)

Models PDH, PEH, PXH, SDH, and SHH - ±1.8" (±3mm)

Dimensions apply to all models listed above unless otherwise noted.

Air Flow →						
Evaporative Cooling Module	Inlet Air Mixing Box	On/Off Damper	Cooling Coil Module		Key to Dimension Code	Number of Suspension Points
Evap	Mix Box	Damper	Cool Mod w/o Reheat	Base Unit	Z	4
				Base Unit	Z	4
				Damper	Z	4
				Mix Box	V, Z1	6
				Evap	Z1	4
				Cool Mod w/o Reheat	V, Z2	6
				Cool Mod w/Reheat	V, Z3	6
				Damper	V, Z2	6
				Damper	V, Z3	6
				Evap	V, Z4	6
				Mix Box	V,W1, Z5	8
				Mix Box	V, W2, Z6	8
				Evap	V, Z5	6
				Evap	V, Z6	6
				Evap	V, W1, Z7	8
				Evap	V, W2, Z8	8

Evaporative Cooling Module	Inlet Air Mixing Box	On/Off Damper	Cooling Coil Module	Model PXH Base Unit	Hydronic Heating Module	Key to Dimension Code	Number of Suspension Points
Evap	Mix Box	Damper	Cool Mod w/o Reheat	Base Unit	Hyd	Z9	4
				Base Unit	Hyd	Z9	4
				Damper	Hyd	Z9	4
				Mix Box	Hyd	V, Z10	6
				Evap	Hyd	Z10	4
				Cool Mod w/o Reheat	Hyd	V, Z11	6
				Cool Mod w/Reheat	Hyd	V, Z12	6
				Damper	Hyd	V, Z11	6
				Damper	Hyd	V, Z12	6
				Evap	Hyd	V, Z13	6
				Mix Box	Hyd	V, W1, Z14	8
				Mix Box	Hyd	V, W2, Z15	8
				Evap	Hyd	V, Z14	6
				Evap	Hyd	V, Z15	6
				Evap	Hyd	V, W1, Z16	8
				Evap	Hyd	V, W2, Z17	8



Optional On/Off Damper with Duct Flange (no mixing box) [adds 10 inches (254mm) to cabinet length].



DIMENSIONS (cont'd)

Models PDH, PEH, PXH, SDH, and SHH - ±1.8" (±3mm)

Dimensions apply to all models listed above unless otherwise noted.

Model and Size				H		U		Y	
SHH	PDH or SDH	PEH	PXH	in.	(mm)	in.	(mm)	in.	(mm)
--	75, 100	10A, 20A, 40A	000A	34 1/2	(876)	35 3/4	(908)	32 5/8	(829)
--	125, 150	15B, 30B, 60B	000B	34 1/2	(876)	45 3/4	(1,162)	42 5/8	(1,083)
130, 180	175, 200, 225	N/A	000C	43 3/4	(1,111)	35 3/4	(908)	32 5/8	(829)
260	250, 300	30D, 60D, 90D, 120D	000D	43 3/4	(1,111)	52	(1,321)	48 7/8	(1,241)
350	350, 400A	40E, 80E, 120E	000E	43 3/4	(1,111)	60	(1,524)	56 7/8	(1,445)

Model and Size	V		W1		W2		Z		Z1		Z2	
SHH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
130, 180	79 21/32	(2,023)	107 1/2	(2,731)	132 1/2	(3,366)	82 5/16	(2,091)	113 5/8	(2,886)	110 5/8	(2,810)
260	79 21/32	(2,023)	107 1/2	(2,731)	132 1/2	(3,366)	82 5/16	(2,091)	113 5/8	(2,886)	110 5/8	(2,810)
350	79 21/32	(2,023)	107 1/2	(2,731)	132 1/2	(3,366)	82 5/16	(2,091)	113 5/8	(2,886)	110 5/8	(2,810)

Model and Size	Z3		Z4		Z5		Z6		Z7		Z8	
SHH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
130, 180	135 3/16	(3,434)	144 15/16	(3,681)	141 3/16	(3,586)	166 1/4	(4,223)	110 5/8	(2,810)	197 13/16	(5,024)
260	135 3/16	(3,434)	144 15/16	(3,681)	141 3/16	(3,586)	166 1/4	(4,223)	110 5/8	(2,810)	197 13/16	(5,024)
350	135 3/16	(3,434)	144 15/16	(3,681)	141 3/16	(3,586)	166 1/4	(4,223)	110 5/8	(2,810)	197 13/16	(5,024)

Model and Size				V		W1		W2		Z		Z1		Z2	
PDH or SDH	PEH	PXH		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
75, 100	10A, 20A, 40A	000A		53 31/32	(1,371)	81 25/32	(2,077)	106 25/32	(2,712)	56 5/8	(1,438)	87 11/16	(2,227)	84 7/16	(2,145)
125, 150	15B, 30B, 60B	000B		53 31/32	(1,371)	81 25/32	(2,077)	106 25/32	(2,712)	56 5/8	(1,438)	87 11/16	(2,227)	84 7/16	(2,145)
175, 200, 225	N/A	000C		69 21/32	(1,769)	97 1/2	(2,477)	122 1/2	(3,112)	72 5/16	(1,837)	103 5/8	(2,632)	100 1/8	(2,543)
250, 300	30D, 60D, 90D, 120D	000D		69 21/32	(1,769)	97 1/2	(2,477)	122 1/2	(3,112)	72 5/16	(1,837)	103 5/8	(2,632)	100 1/8	(2,543)
350, 400A	40E, 80E, 120E	000E		69 21/32	(1,769)	97 1/2	(2,477)	122 1/2	(3,112)	72 5/16	(1,837)	103 5/8	(2,632)	100 1/8	(2,543)

Model and Size				Z3		Z4		Z5		Z6		Z7		Z8	
PDH or SDH	PEH	PXH		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
75, 100	10A, 20A, 40A	000A		109 1/2	(2,781)	118 3/4	(3,016)	115 15/32	(2,933)	140 7/8	(3,578)	146 1/2	(3,721)	171 9/16	(4,358)
125, 150	15B, 30B, 60B	000B		109 1/2	(2,781)	118 3/4	(3,016)	115 15/32	(2,933)	140 7/8	(3,578)	146 1/2	(3,721)	171 9/16	(4,358)
175, 200, 225	N/A	000C		125 3/16	(3,180)	134 7/16	(3,415)	131 3/16	(3,332)	156 1/4	(3,969)	162 1/4	(4,121)	187 5/16	(4,758)
250, 300	30D, 60D, 90D, 120D	000D		125 3/16	(3,180)	134 7/16	(3,415)	131 3/16	(3,332)	156 1/4	(3,969)	162 1/4	(4,121)	187 5/16	(4,758)
350, 400A	40E, 80E, 120E	000E		125 3/16	(3,180)	134 7/16	(3,415)	131 3/16	(3,332)	156 1/4	(3,969)	162 1/4	(4,121)	187 5/16	(4,758)

Model and Size				V		W1		W2		Z9		Z10		Z11	
PXH w/Hyd. Htg.				in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000A				70 17/32	(1,791)	98 11/32	(2,498)	123 11/32	(3,133)	73 3/16	(1,859)	104 1/4	(2,648)	101	(2,565)
000B				70 17/32	(1,791)	98 11/32	(2,498)	123 11/32	(3,133)	73 3/16	(1,859)	104 1/4	(2,648)	101	(2,565)
000C				86 7/32	(2,190)	114 1/16	(2,897)	139 1/16	(3,532)	88 7/8	(2,257)	120 3/16	(3,053)	116 11/16	(2,964)
000D				86 7/32	(2,190)	114 1/16	(2,897)	139 1/16	(3,532)	88 7/8	(2,257)	120 3/16	(3,053)	116 11/16	(2,964)
000E				86 7/32	(2,190)	114 1/16	(2,897)	139 1/16	(3,532)	88 7/8	(2,257)	120 3/16	(3,053)	116 11/16	(2,964)

Model and Size				Z12		Z13		Z14		Z15		Z16		Z17	
PXH w/Hyd. Htg.				in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000A				126 1/16	(3,202)	135 5/16	(3,437)	132 1/32	(3,354)	157 7/16	(3,999)	163 1/16	(4,142)	188 1/8	(4,778)
000B				126 1/16	(3,202)	135 5/16	(3,437)	132 1/32	(3,354)	157 7/16	(3,999)	163 1/16	(4,142)	188 1/8	(4,778)
000C				141 3/4	(3,600)	151	(3,835)	147 3/4	(3,753)	172 13/16	(4,389)	178 13/16	(4,542)	203 7/8	(5,178)
000D				141 3/4	(3,600)	151	(3,835)	147 3/4	(3,753)	172 13/16	(4,389)	178 13/16	(4,542)	203 7/8	(5,178)
000E				141 3/4	(3,600)	151	(3,835)	147 3/4	(3,753)	172 13/16	(4,389)	178 13/16	(4,542)	203 7/8	(5,178)

Complete detailed dimension drawings available at www.RezSpec.com.

COMBUSTIBLE AND SERVICE CLEARANCES

COMBUSTIBLE MATERIAL CLEARANCES - All Sizes																	
Models PDH, PEH, RDH, RHH, REH and SDH		Control Side		Opposite Control Side		Front		Rear		Top		Bottom		Vent Connector at Unit		Vent Pipe	
		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
Model SHH		20	(508)	6	(152)	48	(1,219)	18	(457)	6	(152)	0	0	18	(457)	6	(152)
		20	(508)	6	(152)	48	(1,219)	18	(457)	6	(152)	0	0	6	(152)	0	0

RECOMMENDED SERVICE CLEARANCES													
PEH, REH Cabinet Size	PDH, RDH, SDH Size	PXH, RXH Cabinet Size	RHH, SHH Size	Control Side						Opposite Control Side		Top	
				Base Unit		with Mixing Box		with Cooling Coil					
				in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
A	75/100	000A	--	30	(762)	30	(762)	42	(1,067)	6	(152)	18	(457)
B	125/150	000B	--	34	(864)	34	(864)	52	(1,321)	6	(152)	18	(457)
--	175/200/225	000C	130/180	30	(762)	30	(762)	42	(1,067)	6	(152)	24	(610)
D	250/300	000D	260	42	(1,067)	42	(1,067)	58	(1,473)	6	(152)	24	(610)
E	350/400A	000E	350	52	(1,321)	52	(1,321)	66	(1,676)	6	(152)	24	(610)

Proper service clearances MUST be maintained - especially on controls side with cooling coil. Inadequate clearance will prevent slide out drain pan from being removed for proper maintenance to be performed.



AIR INTAKE DAMPERS & AIR OPTIONS

Applies to All Models unless otherwise noted.

STANDARD INLET AIR OPENING (STD)

There are no flanges or dampers on the standard intake air opening.

Dimensions - inches (±1/8")

PDH or SDH	PEH	PXH	SHH	A	B
75, 100	10A, 20A, 40A	000A	--	24 11/16	27 11/32
125, 150	15B, 30B, 60B	000B	--	34 11/16	27 11/32
175, 200, 225	--	000C	130, 180	24 11/16	36 9/16
250, 300	30D, 60D, 90D, 120D	000D	260	40 15/16	36 9/16
350, 400A	40E, 80E, 120E	000E	350	48 15/16	36 9/16

Dimensions - mm (±3)

PDH or SDH	PEH	PXH	SHH	A	B
75, 100	10A, 20A, 40A	000A	N/A	(627)	(695)
125, 150	15B, 30B, 60B	000B	N/A	(881)	(695)
175, 200, 225	--	000C	130, 180	(627)	(929)
250, 300	30D, 60D, 90D, 120D	000D	260	(1,040)	(929)
350, 400A	40E, 80E, 120E	000E	350	(1,243)	(929)

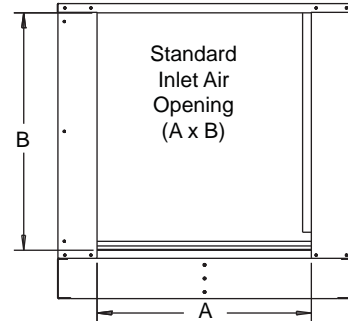
Dimensions - inches (±1/8")

RDH Size	REH Cabinet	RHH Size	RXH Size	A	B
75/100	10A, 20A, 40A	--	000A	27	24
125/150	15B, 30B, 60B	--	000B	37	24
175/200/225	--	130, 180	000C	27	33 1/4
250/300	30D, 60D, 90D, 120D	260	000D	43 1/4	33 1/4
350/400A	40E, 80E, 120E	350	000E	51 1/4	33 1/4

Dimensions - mm (±3)

RDH Size	REH Cabinet	RHH Size	RXH Size	A	B
75/100	10A, 20A, 40A	--	000A	(686)	(610)
125/150	15B, 30B, 60B	--	000B	(940)	(610)
175/200/225	--	130, 180	000C	(686)	(845)
250/300	30D, 60D, 90D, 120D	260	000D	(1099)	(845)
350/400A	40E, 80E, 120E	350	000E	(1302)	(845)

REAR VIEW All Models



INLET AIR OPENING WITH DUCT FLANGES - OPTION AR5

The optional duct flange is 1-1/2" (38mm) long with a 3/4" (19mm) wide flange on all sides. The inlet air duct should be attached and sealed. Ductwork must have a free area equal to the duct connection.

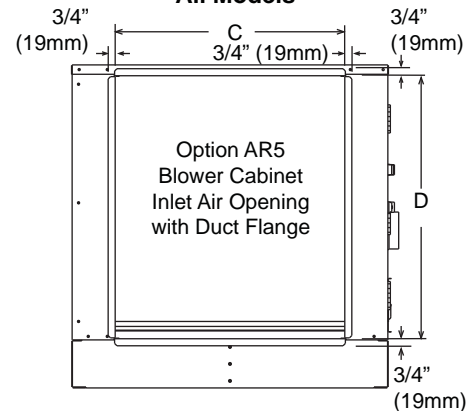
Dimensions - inches (±1/8")

PDH, RDH or SDH	PEH or REH	PXH or RXH	RHH or SHH	C	D
75, 100	10A, 20A, 40A	000A	--	24 1/2	25 1/16
125, 150	15B, 30B, 60B	000B	--	34 1/2	25 1/16
175, 200, 225	--	000C	130, 180	24 1/2	37 5/16
250, 300	30D, 60D, 90D, 120D	000D	260	40 3/4	37 5/16
350, 400A	40E, 80E, 120E	000E	350	48 3/4	37 5/16

Dimensions - mm (±3)

PDH, RDH or SDH	PEH or REH	PXH or RXH	RHH or SHH	C	D
75, 100	10A, 20A, 40A	000A	N/A	(622)	(637)
125, 150	15B, 30B, 60B	000B	N/A	(876)	(637)
175, 200, 225	--	000C	130, 180	(622)	(948)
250, 300	30D, 60D, 90D, 120D	000D	260	(1,035)	(948)
350, 400A	40E, 80E, 120E	000E	350	(1,238)	(948)

REAR VIEW All Models



Applies to All Models unless otherwise noted.

INLET DAMPERS (Indoor Units)

CABINET MOUNTED OPT. ON/OFF DAMPER OPTION AR8

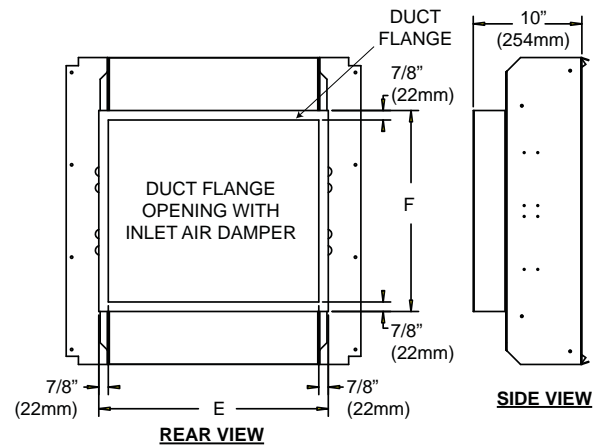
Option AR8 is factory-mounted to the air inlet side of the cabinet. It can be mounted on the blower cabinet or the cooling coil module. See table below for dimensions and weights to be added to base unit. (not available with Evaporative Cooling Module. See Mixing Box Option MXB1 for additional air inlet arrangements.)

Dimensions - inches (±1/8")

PDH or SDH	PEH	PXH	SHH	E	F	Weight - lbs.
75, 100	10A, 20A, 40A	000A	--	19 3/8	16 3/4	34
125, 150	15B, 30B, 60B	000B	--	24 7/8	16 3/4	45
175, 200, 225	--	000C	130, 180	21 1/4	25 3/4	56
250, 300	30D, 60D, 90D, 120D	000D	260	34 1/4	18 1/4	73
350, 400A	40E, 80E, 120E	000E	350	38 5/8	21 1/4	85

Dimensions - mm (±3)

PDH or SDH	PEH	PXH	SHH	E	F	Weight - (kg)
75, 100	10A, 20A, 40A	000A	N/A	(492)	(425)	(15)
125, 150	15B, 30B, 60B	000B	N/A	(632)	(425)	(20)
175, 200, 225	--	000C	130, 180	(540)	(654)	(25)
250, 300	30D, 60D, 90D, 120D	000D	260	(870)	(464)	(33)
350, 400A	40E, 80E, 120E	000E	350	(981)	(540)	(39)

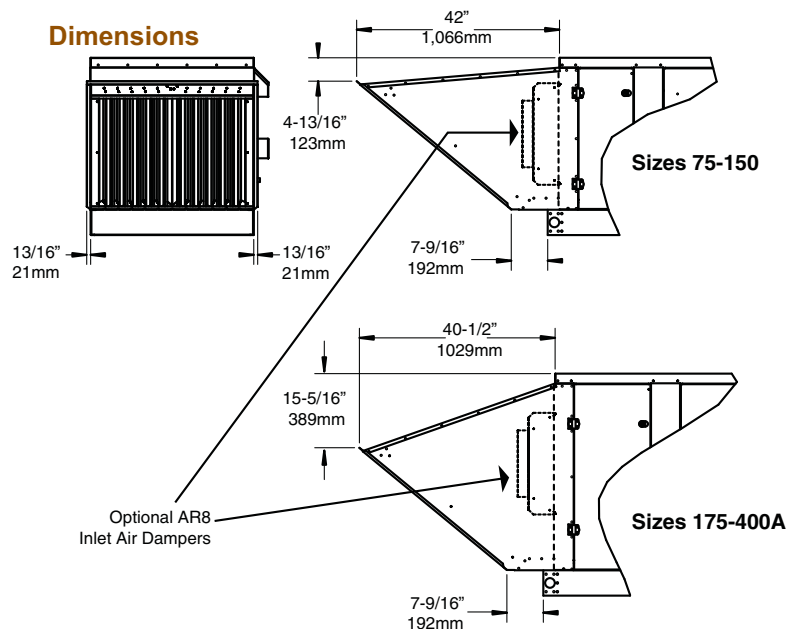


OPTIONAL WEATHER HOOD OPTION AS2

100% Outside Air Screened Intake Hood w/Rain Baffles.
Weather hood shipped separately, knocked down, for field installation.

RDH Size	REH Cabinet	RHH Size	RXH Size	lbs	(kg)
75/100	10A, 20A, 40A	--	000A	70	(32)
125/150	15B, 30B, 60B	--	000B	76	(34)
175/200/225	--	130, 180	000C	76	(34)
250/300	30D, 60D, 90D, 120D	260	000D	87	(39)
350/400A	40E, 80E, 120E	350	000E	96	(44)

Dimensions



INLET DAMPERS (Outdoor Units)

CABINET MOUNTED OPT. ON/OFF DAMPER OPTION AR8

Option AR8 is factory-mounted to the air inlet side of the cabinet. It can be mounted on the blower cabinet or the cooling coil module (not available with Evaporative Cooling Module or Mixing Box. See Mixing Box Option MXB1 for additional air inlet arrangements.)

Option AR8 for outdoor models is similar to the inlet damper option for indoor units, except the outdoor units do not included duct flanges.



AIR INTAKE DAMPERS & AIR OPTIONS (cont'd)

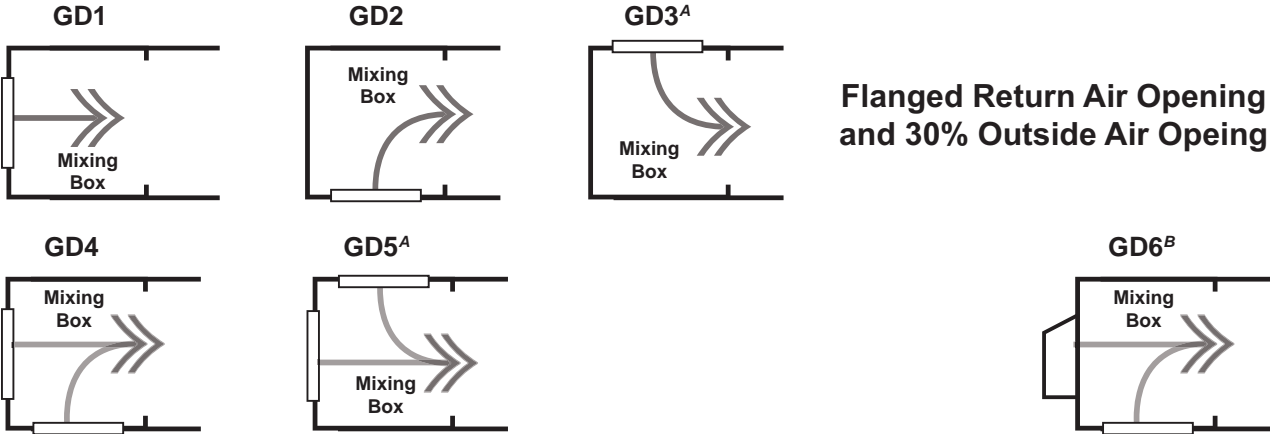
Applies to All Models unless otherwise noted.

MIXING BOX (Option MXB1)

Mixing Box Inlet Air Configurations - Option GD

Side Views - Arrows represent inlet airflow.

Flanged Openings (with or without dampers)



Flanged Return Air Opening and 30% Outside Air Opening

MIXING BOX DAMPER ARRANGEMENTS - Option GE

Applies to Model(s)	Option	Dampers/Motor	Damper Dial in Unit	Remote Damper Dial	Heat Mode Mixed Air Control	Warmup Control	Building Pressure Control	Enthalpy Control (Cooling Operation)	Use With Damper Configuration
RDH/REH/RXH	GE1	Manual 30% O/A							GD6
RDH/REH/RXH	GE2	2 Position 30% O/A							GD6
All Models	GE3	2 Position 100% O/A							GD1, GD2, GD3 ^c
All Models	GE4	3 Position 100% O/A	X						GD1, GD2, GD3 ^c
All Models	GE5	Manual O/A & R/A							GD4, GD5 ^c
All Models	GE6	2 Position O/A & R/A							GD4, GD5 ^c
All Models	GE7	2 Position O/A & R/A - ASHRAE Cycle I				X			GD4, GD5 ^c
All Models	GE8	3 Position O/A & R/A	X						GD4, GD5 ^c
All Models	GE10	Modulating O/A & R/A		X					GD4, GD5 ^c
All Models	GE11	Modulating O/A & R/A			X				GD4, GD5 ^c
All Models	GE12	Modulating O/A & R/A		X	X				GD4, GD5 ^c
All Models	GE13	Modulating O/A & R/A - ASHRAE Cycle III			X	X			GD4, GD5 ^c
All Models	GE14	Modulating O/A & R/A - ASHRAE Cycle II	X		X	X			GD4, GD5 ^c
All Models	GE15	Null Position O/A & R/A					X		GD4, GD5 ^c
All Models	GE16	DDC Modulating O/A & R/A							GD4, GD5 ^c
All Models	GE21	2 Position O/A & R/A with Enthalpy Controller						X	GD4, GD5 ^c
All Models	GE22	Modulating O/A & R/A with Dual Reference Enthalpy Controller						X	GD4, GD5 ^c

^A PDH, PEH, PXH, SDH and SHH only.

^B RDH, REH, RHH and RXH only.

^C Control is field supplied. See next page for complete description.

Inlet Air Options (Option GE) by Mixing Box Configuration (Option GD)

Configuration (see previous page)	Control Option	Option GE Description/Application	Damper(s)	Damper Actuator	Damper Actuator Control	Control Option	
GD6 ^a	GE1	100% Return Air Inlet, 30% Outside Air Inlet with Hood (see Outside Air Hood section) and Manual Outside Air Damper - Supplies constant 30% or less outside air to recirculating heating system. Outside air hood is shipped separately for field installation.				GE1	
	GE2	100% Return Air Inlet, 30% Outside Air Inlet with Hood (see Outside Air Hood section) and Motorized Outside Air Damper - Supplies 30% outside air to a recirculating heating system at specific times, as controlled by a time clock or switch. On shutdown, the outside air damper closes. Outside air hood is shipped separately for field installation.	2 Position (30%) Outside Air Dampers			GE2	
GD1, GD2, or GD3 ^b	GE3	100% outside air inlet with 2-position (open/closed) motorized damper. Provides tempered makeup air intermittently, usually in unison with a building exhauster. Outside air damper opens when unit is on; closes when unit is off. (Comparable to Reznor Option AR8)	2 Position (open/closed) Outside Air Damper	2-Position Damper Motor	Unit controller	GE3	
	GE4	100% outside air inlet with 3-position (full/partial/closed) motorized damper and potentiometer. Provides for low and high air flow damper positions to control the supply of makeup air, usually wired in unison with a 2-speed exhauster. Motor and drive selections must be based on high airflow. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR9)	3 Position (2 open settings/closed) Outside Air Damper	Modulating Damper Motor with preset stops	Damper position dial (potentiometer) in the Unit	GE4	
GD4 or GD5 ^c	STD	Outside and return air openings without dampers. Designed for installation of field-supplied damper system.	Field Supplied				
	GE5	Outside air and return air inlets with dampers and a manual quadrant. Provides manually fixed position for constant mix of return air and makeup air. (Comparable to Reznor Option AR11)	Outside Air and Return Air Dampers	Manual, Locking Quadrant	Manual	GE5	
	GE6	100% outside air and return air inlets with dampers and a 2-position damper motor. Provides 100% return air or 100% outside air as controlled by the unit controller programming. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR17)	2 Position Outside Air and Return Air Dampers (either 100% outside or 100% return air)		Unit controller	GE6	
	GE7	Outside air and return air inlets with dampers and a 2-position damper motor and warmup (or cooldown) control (ASHRAE Cycle I). Provides 100% return air or 100% outside air as controlled by the return air temperature. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR14)	2 Position Outside Air and Return Air Dampers (100% return air or 100% outside air after 100% return air warmup or cooldown)	2-Position Damper Motor	Unit controller plus warmup (or cooldown) setting (return air temperature) to delay opening of outside air damper	GE7	
	GE8	Outside air and return air inlets with dampers with a 3-position (2 mixed settings/outside air dampers closed) motorized damper and potentiometer. Provides for low and high air flow damper position to control the supply of makeup air, usually wired in unison with a 2-speed exhauster. Motor and drive selections must be based on high airflow. On shutdown, the outside air damper closes.	3 Position (2 mixed settings/outside air closed) Outside Air and Return Air Dampers	Modulating Damper Motor with preset stops	Damper position dial (potentiometer) in the Unit	GE8	
	GE10	Outside air and return air inlets with dampers with a modulating damper motor and potentiometer. Provides for mixture of outside and return air as controlled by a manually set remote potentiometer. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR16)			Remote damper position dial (potentiometer shipped separately)	GE10	
	GE11	Outside air and return air inlets with dampers with a modulating damper motor and discharge air mixed air controller. Provides for mixture of outside and return air as controlled by discharge air temperature setting. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR12)			Heat or cool mode mixed air controller (discharge air temperature)	GE11	
	GE12	Outside air and return air inlets with dampers with a modulating damper motor, a discharge air mixed air controller, and a potentiometer. Provides for mixture of outside and return air as controlled by discharge air temperature setting with a minimum amount of outside air as determined by the potentiometer setting. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR13)			Unit-Mounted damper position dial (potentiometer) and heat or cool mode mixed air controller (discharge air temperature)	GE12	
	GE13	Outside air and return air inlets with dampers and a modulating damper motor and warmup (or cooldown) control (ASHRAE Cycle III). Provides 100% return air on warmup (or cooldown) and mixture of outside and return air as controlled by mixed inlet air temperature setting. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR16)	Modulating Outside Air and Return Air Dampers (provide a mixture of outside and return air as determined by control)	Modulating Damper Motor	Warmup (or cooldown) setting (return air temperature) to delay opening of outside air damper plus heat or cool mode mixed air controller (outside air temperature)	GE13	
	GE14	Outside air and return air inlets with dampers and a modulating damper motor, potentiometer, and warmup (or cooldown) control (ASHRAE Cycle II). Provides 100% return air on warmup and mixture of outside and return air as controlled by mixed inlet air temperature setting with a minimum amount of outside air after warmup (or cooldown) as determined by the potentiometer setting. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR15)			Warmup (or cooldown) setting (return air temperature) to delay opening of outside air damper plus heat or cool mode mixed air controller (outside air temperature) plus override from unit-mounted damper position dial (potentiometer)	GE14	
	GE15	Outside air and return air inlets with dampers and a modulating damper motor and a pressure null switch. Provides a mixture of return and outside air as automatically controlled by building air pressure. On shutdown, the outside air damper closes. (Comparable to Reznor Option AR23)			Null switch (building pressure)	GE15	
	GE16	Outside air and return air inlets with dampers and a modulating damper motor with an interface to accept 0-10 volt or 4-20mA signal from a field-supplied DDC system. Provides a mixture of return and outside air as controlled by the building's automated environmental control system.			DDC control from field-supplied automated building control	GE16	
	GE21	Modulating Damper with Enthalpy Controller	Modulating Outside Air and Return Air Dampers (provide a mixture of outside and return air as determined by control)	Modulating Damper	Modulating Damper	Unit Controller & Economizer Logic Module	GE21
	GE22	Modulating Damper with Dual Reference Enthalpy Controller			Modulating Damper Motor	Unit Controller & Economizer Logic Module	GE22

^a Option GD6 for Model RDH, REH, and RXH Only

^b Option GD3 and GD5 for Models PDH, PEH, PXH, RHH, SHH and SDH only

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MIXING BOX MODULE (cont'd)

AIR INTAKE DAMPERS & AIR OPTIONS (cont'd)

Applies to All Models unless otherwise noted.

Description

The mixing box module is factory installed upstream of the blower cabinet and allows for a variety of outside air and return air configurations with and without dampers. Dampers are available with a selection of actuators and controllers.

On indoor Model PDH, PEH, PXH, SDH, and SHH the mixing box is available in single wall construction or double wall construction with either standard insulation (R value 3.8) or high density insulation (R value 4.4).

On outdoor Model RDH, REH, RHH, and RXH the mixing box is available in double wall only with either standard insulation (R value 3.8) or high density insulation (R value 4.4).

Mixing Box Dimensions

PEH/ REH Cabinet Size	PDH/RDH/ SDH Size	RHH/ SHH Size	PXH/ RXH Cabinet	Mixing Box Dimension Codes					
				A	B	C	D	E**	F*
Dimensions (inches)									
A	75, 100	N/A	000A	3 3/4	36 15/16	34 1/2	22 7/8	16 15/16	20 1/4
B	125, 150	N/A	000B	43 3/4	36 15/16	34 1/2	26 1/2	21 15/16	20 1/4
N/A	175, 200, 225	130C, 180C	000C	33 3/4	46 3/16	43 3/4	22 7/8	1/15	24 15/16
D	250, 300	260D	000D	50	46 3/16	43 3/4	34 3/4	25 1/16	24 15/16
E	350, 400A	350E	000E	59	46 3/16	43 3/4	45 13/16	29 1/16	24 15/16
Dimensions (mm)									
A	75, 100	N/A	000A	(95)	(938)	(876)	(581)	(430)	(514)
B	125, 150	N/A	000B	(1,111)	(938)	(876)	(673)	(557)	(514)
N/A	175, 200, 225	130C, 180C	000C	(857)	(1,173)	(1,111)	(581)	(2)	(633)
D	250, 300	260D	000D	(1,270)	(1,173)	(1,111)	(883)	(637)	(633)
E	350, 400A	350E	000E	(1,499)	(1,173)	(1,111)	(1,164)	(738)	(633)

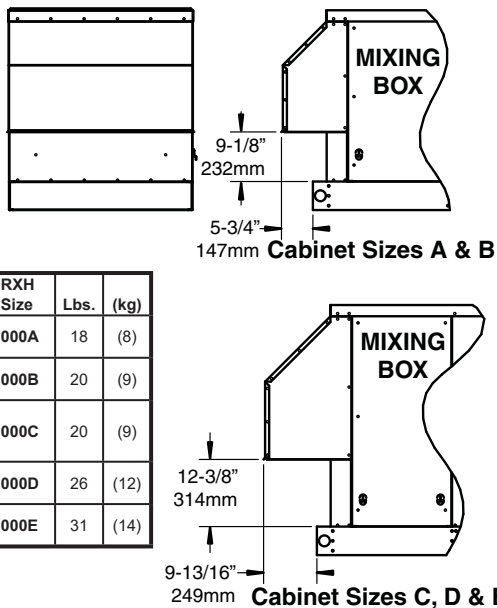
- Duct flange connections are the same size for all mixing box configurations - D x 18-3/8" (467mm) opening with 3/4" (19mm) flanges.
- Top and bottom openings are symmetrical.

* Centerline of opening is at 1/2 of 18-3/8" = 9-3/16" (1/2 of 467mm = 233.5)
 ** Centerline of opening is at 1/2 of D. Dimension E applies to location of opening for all configurations.

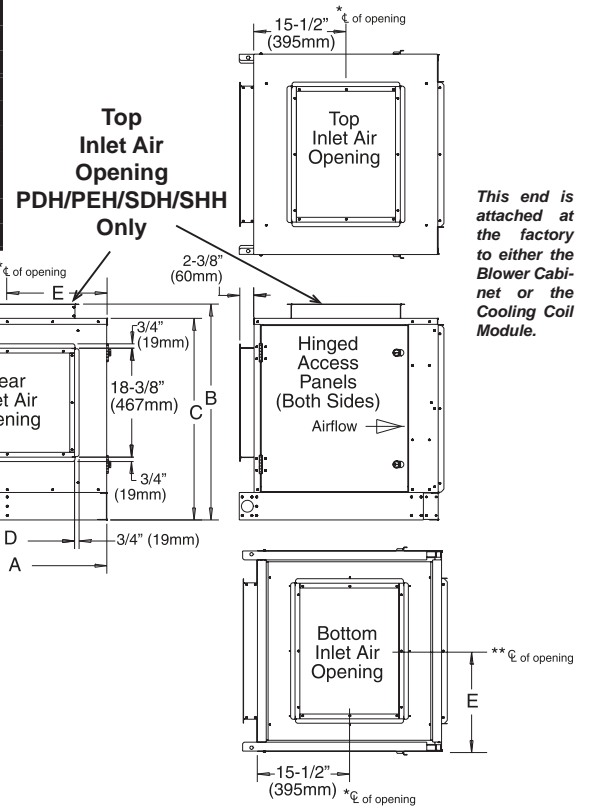
WEATHER HOOD FOR MIXING BOX OPTION GD6

Model RDH, REH, RHH, or RXH Only - 30% O/A Opening w/Small Intake Hood in Back, 100% R/A Opening in Bottom.

Must be ordered with mixing box Option MXB1



REH Size	RDH Size	RHH	RXH Size	Lbs.	(kg)
A	75, 100	--	000A	18	(8)
B	125, 150	--	000B	20	(9)
--	175, 200, 225	130C, 180C	000C	20	(9)
D	250, 300	260D	000D	26	(12)
E	350, 400A	350D	000E	31	(14)



Mixing Box Weight

- Add weight below to unit weight in Technical Data Tables

Model	PEH or REH Cabinet Size	Net Weight - lbs.				
		A	B	N/A	D	E
	Models PXH or RXH	000A	000B	000C	000D	000E
	Models RHH or SHH	-	-	130C, 180C	260D	350E
	PDH, SDH or RDH Size	75, 100	125, 150	175, 200, 225	250, 300	350, 400A
PDH, PEH, SDH or SHH Only	One Opening (Single Wall)	115	127	130	154	169
	Two Openings (Single Wall)	119	132	134	159	174
PDH, PEH, RDH, REH, RHH, SDH or SHH	One Damper (Double Wall)	146	166	166	201	219
	Two Dampers (Double Wall)	146	166	166	199	216

Model	Net Weight (kg)					
PDH, PEH, SDH or SHH Only	One Opening (Single Wall)	(52)	(58)	(59)	(70)	(77)
	Two Openings (Single Wall)	(54)	(60)	(61)	(72)	(79)
PDH, PEH, RDH, REH, RHH, SDH or SHH	One Damper (Double Wall)	(66)	(75)	(75)	(91)	(99)
	Two Dampers (Double Wall)	(66)	(75)	(75)	(90)	(98)

DESCRIPTION

Evaporative cooling provides cooling based on two principles: (1) water in direct contact with a moving airstream will evaporate if the droplets have long enough exposure; and (2) that evaporation will lower the temperature of the airstream. This evaporative cooler uses rigid cellulose media to retain the moisture providing the airstream with time for evaporation. Using evaporative cooling when cooling needs are limited will help to reduce the cost of traditional cooling, or may also be used as a pre-cooler in conjunction with a traditional cooling coil to reduce the tonnage required for a specific application.



Evaporative cooling module is factory assembled to all PreevA Models and located upstream from the blower cabinet. Any additional optional modules (i.e. cooling coil cabinet or mixing box cabinet) will be positioned between the evaporative cooling module and the blower cabinet.

The thermally protected water pump features a heavy duty, fan cooled motor with moisture proof windings along with a corrosion resistant one piece motor shaft. The snap-out base allows for simple access to the impeller for easy cleaning. The pump is wired to allow for manual or automatic thermostat switching to call for cooling. Standard equipment includes an electrically activated, pump-protector, float switch to ensure that an adequate amount of water is in the reservoir prior to the pump being energized. An automatic fill float and constant bleed line maintains the proper reservoir level while allowing the appropriate bleed-off to prevent accumulation of scale deposits including calcium and magnesium salts. All water-carrying components are constructed of plastics to prohibit corrosion and extend the life of the cooler components.

The optional AquaSaver™ water metering system is designed to decrease water usage by automatically regulating water flow by time and temperature and to decrease maintenance requirements by eliminating the pump and float switches.

STANDARD FEATURES

- Easily accessible, self-cleaning, high-efficiency evaporative media of 12" rigid cellulose media
- Thermally protected water pump
- Electrical motor-protection float switch with stainless steel ball, float and arm
- PVC float valve and bleed line
- 115 volt supply voltage
- Terminal block wiring
- Overflow and drain connections in cabinet bottom
- 300 Series Grade stainless steel water reservoir
- Pre-coat white gloss finish, 60 gloss minimum and RAL 9001, meets ASTM B117 specification for salt spray for 1,000 hours
- Screened inlet (unless metal pre-filters are ordered)

OPTIONAL FEATURES

- Stainless steel cabinet
- 12" rigid glass fiber media fire-rated to UL900, Class II
- 208 or 230 volt power supply capability
- Water recirculating pump with optional (field installed) fill and drain kit
- AquaSaver water metering device with optional (field installed) freeze protection
- Water hammer arrestor
- 1" or 2" metal pre-filters

Evaporative Cooler Technical Data

PEH or REH Cabinet Size		A		B		--			D		E	
PXH or RXH Cabinet Size		000A		000B		000C			000D		000E	
PDH, RDH or SDH Size		75	100	125	150	175	200	225	250	300	350	400A
RHH or SHH Size		--				130 / 180			260		350	
Cooling Effectiveness		90%										
Maximum Evaporative Cooling Airflow	CFM	1,406	1,875	2,344	2,813	3,281	3,750	3,950	4,688	5,625	6,563	7,000
	M ³ /hr	(2,389)	(3,186)	(3,982)	(4,779)	(5,574)	(6,371)	(6,711)	(7,965)	(9,557)	(11,150)	(11,893)
Maximum Face Velocity	FPM	500										
	mm/s	(2,540)										
Pump HP	Pump & Float	1/50 HP										
Amps @115/1	Water Supply	0.92										
Media Face (Total)	Dimensions	29.25 x 31.5		29.25 x 41.5		36 x 31.5			36 x 47.75		36 x 55.75	
	Sq Ft	6.4		8.5		7.9			12		14	

Evaporative cooling module is factory assembled to all PREEVA indoor and outdoor models and located upstream from the blower.

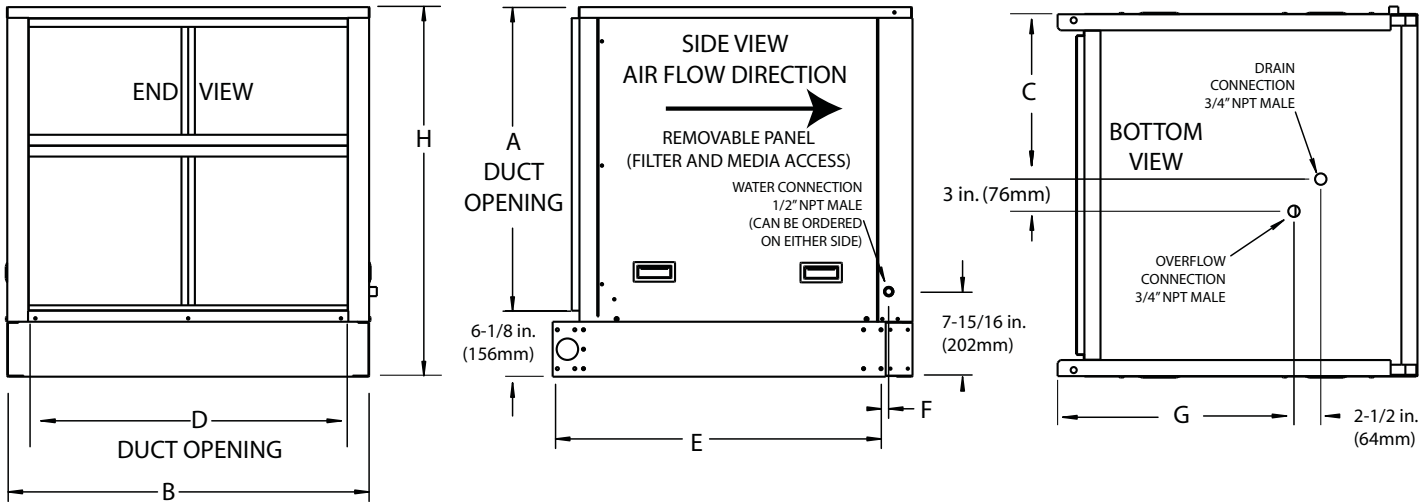
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Evaporative Cooler Options

Water Supply	Option ECD2 - Pump and float system
	Option ECD1 - AquaSaver® timed water distribution
Media	6" Rigid Cellulose (Option ASC3)
	12" Rigid Cellulose (Option ASC4)
	6" UL Cellulose (Option ASC5)
	12" UL Cellulose (Option ASC8)
Pre-Filter	1" or 2" Permanent Aluminum Air Filter (Option PF4 or PF5)
Fill & Drain Kits	Provides "automatic" draining and filling of reservoir (pump system)
Freeze Protection Kit	Temperature based automatic draining of water supply line based on ambient temperature
	Temperature based automatic draining of piping in evaporative cooler. (Used with AquaSaver System)
Water Hammer Arrestor	Reduces water noise (Option ECB1) (Used with AquaSaver System)

DIMENSIONS

Listed by Model and Size (± 1/8" 3mm)



PEH Cabinet Size	PDH, SDH Size	PXH, RXH Size										
			A	B	C	D	E	F	G	H		
A	75, 100	000A	in	27 1/4	33 3/4	15 3/8	29 13/16	31 1/16	5/16	22 1/16	34 1/2	
			(mm)	(693)	(857)	(391)	(757)	(789)	(7)	(560)	(876)	
B	125, 150	000B	in	27 1/4	43 3/4	20 3/8	39 13/16	31 1/16	5/16	22 1/16	34 1/2	
			(mm)	(693)	(1,111)	(518)	(1,011)	(789)	(7)	(560)	(876)	
N/A	175, 200, 225	000C	in	36 1/2	33 3/4	15 3/8	29 13/16	31 1/16	5/16	22 1/16	43 3/4	
			(mm)	(928)	(857)	(391)	(757)	(789)	(7)	(560)	(1,111)	
D	250, 300	000D	in	36 1/2	50	23 1/2	46 1/16	31 1/16	5/16	22 1/16	43 3/4	
			(mm)	(928)	(1,270)	(597)	(1,170)	(789)	(7)	(560)	(1,111)	
E	350, 400A	000E	in	36 1/2	58	27 1/2	54 1/16	31 1/16	5/16	22 1/16	43 3/4	
			(mm)	(928)	(1,473)	(699)	(1,373)	(789)	(7)	(560)	(1,111)	

REH Cabinet Size	PDH, SDH Size	PXH, RXH Size							
			B	C	E	F	G	H	
A	75, 100	000A	in	33 3/4	15 3/8	27 3/4	1 3/8	20 7/8	36 3/4
			(mm)	(857)	(391)	(705)	(34)	(531)	(933)
B	125, 150	000B	in	43 3/4	20 3/8	27 3/4	1 3/8	20 7/8	36 3/4
			(mm)	(1,111)	(518)	(705)	(34)	(531)	(933)
N/A	175, 200, 225	000C	in	33 3/4	15 3/8	27 3/4	1 3/8	20 7/8	46
			(mm)	(857)	(391)	(705)	(34)	(531)	(1,168)
D	250, 300	000D	in	50	23 1/2	27 3/4	1 3/8	20 7/8	46
			(mm)	(1,270)	(597)	(705)	(34)	(531)	(1,168)
E	350, 400A	000E	in	58	27 1/2	27 3/4	1 3/8	20 7/8	46
			(mm)	(1,473)	(699)	(705)	(34)	(531)	(1,168)

Evaporative Cooler Module Weight

• Add weight below to unit weight in Technical Data Tables

PEH, REH Cabinet Size	PDH, RDH or SDH Size	PXH or RXH Size	6 INCH MEDIA				12 INCH MEDIA			
			"DRY" WEIGHT		TOTAL "WET" WEIGHT		"DRY" WEIGHT		TOTAL "WET" WEIGHT	
			lbs.	(kg)	lbs.	(kg)	lbs.	(kg)	lbs.	(kg)
A	75,100	000A	108	(49)	250	(113)	120	(54)	262	(119)
B	125, 150	000B	124	(56)	246	(112)	141	(64)	263	(119)
N/A	175, 200, 225	000C	124	(56)	206	(93)	136	(62)	218	(99)
D	250, 300	000D	153	(69)	260	(118)	172	(78)	279	(127)
E	350, 400	000E	167	(76)	249	(113)	190	(86)	272	(123)

Note: "Wet" weight applies to unit with 3" of water in reservoir.



HYDRONIC HEATING MODULE

Available on Models PXH and RXH

Air Handlers only

DESCRIPTION

The optional hydronic heating module is constructed of the same quality material and finish as the rest of the cabinet. The cabinet is installed downstream from the blower on the Model PXH or RXH unit at the factory and shipped complete.

The module can be selected as a cabinet only for field supplied hydronic coil, or with a coil already included. The coil can have a galvanized or stainless steel casing. The coil itself is constructed of copper tubes with aluminum or optional copper fins. The tubing can be smooth or turbo spiral. An ElectroFin polymeric coating can be applied to extend the life of the coil.

For help in selecting the right coil, make sure you (or your Reznor Representative) use the Reznor Coil Selection Software program available in RezPro® Toolbox. Step-by-step prompts from the software will match the coil needed to the specifications.

STANDARD FEATURES

- Coil connector on left side of unit- Option HW2L
- Hot water coil casing constructed of galvanized steel
- Hot water coil constructed of copper tube with aluminum fins
- Smooth hot water coil tubing

OPTIONAL FEATURES

- Coil connectors on right side of unit - Option HW2R
- Hot water coil casing constructed of 304L stainless steel - Option HC3
- Hot water coil constructed of copper tube with copper fins - Option HD2
- Turbo spiral hot water coil tubing - Option HDT1
- ElectroFin polymeric coil coating - Option HF4

Hot Water Module Weight (Does not include coil)

- Because of the wide variety of coil sizes available, please contact your Reznor Agent for help determining overall weight
- Add weight below to unit weight in Technical Data Tables

Size	PXH		RXH	
	lbs.	(kg)	lbs.	(kg)
000A	67	(30)	80	(36)
000B	77	(35)	92	(42)
000C	75	(34)	89	(40)
000D	90	(41)	109	(49)
000E	98	(44)	118	(54)

Model PXH/RXH Capacity Table

Size	Max. Heating Output (MBH) ^A	Max. Air Volume (CFM)	Cooling Capacity Range (Tons) ^B
000A	223	1,406	5 - 10
000B	317	2,344	5 - 12
000C	317	2,916	5 - 15
000D	525	4,688	5 - 25
000E	629	5,061	5 - 25

^A Heating output for Models PXH and RXH Air Handler will vary with hydronic heat input and air volume.

^B Maximum DX cooling capacity is shown. Chilled water cooling also available on all models.

Evaporative Cooler Options

Water Supply	Option ECD2 - Pump and float system Option ECD1 - AquaSaver® timed water distribution
Media	12" Rigid Cellulose (Option ASC4) 12" UL Cellulose (Option ASC8)
Pre-Filter	1" or 2" Permanent Aluminum Air Filter (Option PF4 or PF5)
Fill & Drain Kits	Provides "automatic" draining and filling of reservoir (pump system)
Freeze Protection Kit	Temperature based automatic draining of water supply line based on ambient temperature Temperature based automatic draining of piping in evaporative cooler. (Used with AquaSaver System)
Water Hammer Arrestor	Reduces water noise (Option ECB1) (Used with AquaSaver System)

	MOTOR OPTION CODE	BLOWER MOTOR SELECTION Select by Unit Size, HP, Type, Voltage	ADD TO UNIT WEIGHT	Voltage Option								
				AK1	AK2	AK3	AK5	AK6	AK7	AK8		
				115/1	208/1	230/1	208/3	230/3	460/3	575/3		
GAS HEATING FURNACE SIZES 75 - 150 AIR HANDLER SIZES 000A - 000B ELECTRIC HEATING FURNACE SIZES A-B	AL2	1/4 HP 1725 RPM	16	✓	✓	✓	✓	✓	✓	✓	■	
	AL3	1/3 HP 1725 RPM	17	✓	✓	✓	✓	✓	✓	✓	■	
	AL4	1/2 HP 1725 RPM	23	✓	✓	✓	✓	✓	✓	✓	✓	
	AL5	3/4 HP 1725 RPM	28	✓	✓	✓	✓	✓	✓	✓	✓	
	AL6	1 HP 1725 RPM	31	✓	✓	✓	✓	✓	✓	✓	✓	
	AL7	1-1/2 HP 1725 RPM	40	✓	✓	✓	✓	✓	✓	✓	✓	
	AL8	2 HP 1725 RPM	42	✓	✓	✓	✓	✓	✓	✓	✓	
	AL9	3 HP 3600 RPM	50	■	✓	✓	✓	✓	✓	✓	✓	
	AL19	1/4 HP 1725 RPM	21	✓	✓	✓	✓	✓	✓	✓	■	
	AL20	1/3 HP 1725 RPM	23	✓	✓	✓	✓	✓	✓	✓	■	
	AL21	1/2 HP 1725 RPM	30	✓	✓	✓	✓	✓	✓	✓	■	
	AL22	3/4 HP 1725 RPM	34	✓	✓	✓	✓	✓	✓	✓	✓	
	AL23	1 HP 1725 RPM	37	✓	✓	✓	✓	✓	✓	✓	✓	
	AL24	1-1/2 HP 1725 RPM	43	✓	✓	✓	✓	✓	✓	✓	✓	
	AL25	2 HP 1725 RPM	85	■	■	■	✓	✓	✓	✓	✓	
	AL26	3 HP 3600 RPM	47	■	■	■	✓	✓	✓	✓	✓	
	HIGH EFFICIENCY GAS HEAT Models ALL SIZES GAS HEATING FURNACE SIZES 175 - 400A AIR HANDLER SIZES 000C - 000E ELECTRIC HEATING FURNACE SIZES D-E	AL2	1/4 HP 1725 RPM	16	✓	✓	✓	✓	✓	✓	✓	■
		AL3	1/3 HP 1725 RPM	17	✓	✓	✓	✓	✓	✓	✓	■
AL4		1/2 HP 1725 RPM	23	✓	✓	✓	✓	✓	✓	✓	✓	
AL5		3/4 HP 1725 RPM	28	✓	✓	✓	✓	✓	✓	✓	✓	
AL6		1 HP 1725 RPM	31	✓	✓	✓	✓	✓	✓	✓	✓	
AL7		1-1/2 HP 1725 RPM	40	✓	✓	✓	✓	✓	✓	✓	✓	
AL8		2 HP 1725 RPM	42	✓	✓	✓	✓	✓	✓	✓	✓	
AL9		3 HP 3600 RPM	50	■	✓	✓	✓	✓	✓	✓	✓	
AL10		5HP 3600 RPM	70	■	✓	✓	✓	✓	✓	✓	✓	
AL19		1/4 HP 1725 RPM	21	✓	✓	✓	✓	✓	✓	✓	■	
AL20		1/3 HP 1725 RPM	23	✓	✓	✓	✓	✓	✓	✓	■	
AL21		1/2 HP 1725 RPM	30	✓	✓	✓	✓	✓	✓	✓	■	
AL22		3/4 HP 1725 RPM	34	✓	✓	✓	✓	✓	✓	✓	✓	
AL23		1 HP 1725 RPM	37	✓	✓	✓	✓	✓	✓	✓	✓	
AL24		1-1/2 HP 1725 RPM	43	✓	✓	✓	✓	✓	✓	✓	✓	
AL25		2 HP 1725 RPM	85	✓	■	✓	✓	✓	✓	✓	✓	
AL26		3 HP 3600 RPM	47	✓	■	✓	✓	✓	✓	✓	✓	
AL27		5 HP 3600 RPM	64	■	■	✓	✓	✓	✓	✓	✓	
	WEIGHT			AK1 115/1	AK2 208/1	AK3 230/1	AK5 208/3	AK6 230/3	AK7 460/3	AK8 575/3		

■ - Not Available

Variable Frequency Drive Options

Option Code	Description
VFD1	Factory-Installed Variable Frequency Drive - This option should not be selected if unit is subjected to temperatures below 18°F (-8°C).
VFD2	Field-Installed Variable Frequency Drive - This unit is shipped separately for field installation.

Both VFD1 and VFD2 include programming of the drive, if the sequence of operation is supplied with the order.

Variable Frequency Drive Controls

Option Code	Description
VFCA	Soft start
VFCB	Two speed control (specify control sequence)
VFC2	DDC signal from remote device



RPM/BHP CHARTS (ranges)

Applies to PREEVA Series Models RHH and SHH

Unit Size	Temp Rise	CFM	RPM/BHP @ ESP										
			0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
130	75.0	1488	510/0.17	612/0.24	711/0.32	803/0.39	890/0.45	971/0.50	1049/0.56	1128/0.60	1195/0.60	1262/0.60	1330/0.60
	30.0	3720	1275/2.60	1317/2.77	1355/2.92	1396/3.09	1435/3.27	1477/3.46	1517/3.67	1560/3.86	1600/4.07	1637/4.29	1677/4.49
180	75.0	1966	633/0.34	706/0.42	781/0.51	855/0.61	931/0.72	1004/0.82	1069/0.91	1139/1.00	1205/1.08	1267/1.16	1330/1.25
	31.0	4757	1532/4.76	1562/4.97	NA	NA	NA	NA	NA	NA	NA	NA	NA
260	75.0	2920	784/0.77	849/0.89	911/1.01	972/1.14	1031/1.26	1091/1.40	1149/1.56	1207/1.74	1263/1.92	1316/2.10	1369/2.26
	40.3	5440	1460/4.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
350	75.0	3876	787/1.01	863/1.21	936/1.42	1008/1.64	1077/1.87	1144/2.12	1209/2.38	1272/2.64	1333/2.92	1394/3.21	1450/3.50
	44.0	6607	1341/5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: To see complete RPM/BHP tables see the back pages of the online catalog PDF file.

Applies to PREEVA Series Models PXH and RXH

Size 000A

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
600	484/0.06	■	■	■	■	■	■	■	■	■	■	■	■	■
1000	473/0.10	670/0.19	838/0.30	980/0.41	1095/0.53	■	■	■	■	■	■	■	■	■
2000	581/0.40	718/0.53	838/0.66	946/0.81	1045/0.97	1145/1.14	1240/1.32	1339/1.52	1429/1.73	1515/1.93	1604/2.13	1676/2.36	■	■
3000	759/1.08	849/1.29	941/1.50	1032/1.69	1119/1.90	1200/2.08	1275/2.28	1347/2.51	1420/2.74	1485/2.95	■	■	■	■
4000	963/2.34	1027/2.62	1093/2.93	■	■	■	■	■	■	■	■	■	■	■

Size 000B

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
400	536/0.04	759/0.11	■	■	■	■	■	■	■	■	■	■	■	■
1400	521/0.14	719/0.24	886/0.36	1034/0.50	1167/0.64	1288/0.79	1400/0.96	1500/1.13	1591/1.31	1680/1.46	1765/1.65	1842/1.86	■	■
2400	645/0.45	768/0.58	900/0.73	1026/0.89	1139/1.07	1246/1.26	1343/1.46	1440/1.65	1538/1.87	1622/2.07	1714/2.31	1791/2.54	■	■
3400	839/1.12	914/1.28	996/1.45	1085/1.65	1181/1.86	1275/2.08	1364/2.29	1449/2.53	1532/2.78	■	■	■	■	■
4400	1049/2.28	1104/2.49	1162/2.69	1222/2.92	■	■	■	■	■	■	■	■	■	■

Size 000C

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
600	427/0.05	622/0.12	■	■	■	■	■	■	■	■	■	■	■	■
1600	420/0.16	579/0.27	713/0.39	831/0.52	938/0.67	1035/0.82	1133/0.99	1220/1.16	1306/1.35	1381/1.53	1456/1.73	1521/1.92	1581/2.15	1646/2.36
2600	493/0.46	611/0.59	721/0.76	821/0.93	914/1.10	1001/1.28	1084/1.48	1161/1.67	1239/1.88	1310/2.10	1379/2.32	1446/2.57	1507/2.81	1574/3.04
3600	623/1.06	689/1.23	773/1.42	859/1.62	939/1.83	1017/2.06	1089/2.30	1159/2.56	1228/2.79	1292/3.02	1354/3.27	1418/3.55	1476/3.77	1535/4.07
4600	769/2.08	812/2.29	864/2.51	928/2.73	995/2.98	1062/3.23	1128/3.51	1192/3.78	1253/4.09	1312/4.38	1370/4.66	■	■	■
5600	918/3.64	954/3.91	991/4.14	1032/4.42	1080/4.68	1132/4.97	■	■	■	■	■	■	■	■

Size 000D

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
1000	412/0.07	599/0.16	735/0.25	■	■	■	■	■	■	■	■	■	■	■
2000	423/0.21	576/0.33	704/0.46	823/0.60	930/0.75	1026/0.91	1117/1.08	1198/1.26	1274/1.42	1342/1.62	1408/1.79	1471/1.99	1527/2.18	■
3000	492/0.48	604/0.65	719/0.83	817/1.02	909/1.21	993/1.40	1079/1.61	1158/1.82	1235/2.02	1310/2.26	1376/2.46	1442/2.70	1508/2.96	1571/3.17
4000	600/0.95	670/1.18	752/1.41	846/1.65	932/1.89	1010/2.14	1084/2.39	1153/2.63	1220/2.90	1286/3.15	1347/3.42	1408/3.69	1471/3.95	1533/4.22
5000	705/1.70	779/1.98	832/2.27	890/2.57	963/2.84	1040/3.14	1111/3.44	1179/3.75	1241/4.06	1299/4.37	1359/4.66	1412/4.99	■	■
6000	815/2.79	884/3.13	940/3.47	984/3.82	1027/4.17	1081/4.51	1143/4.88	■	■	■	■	■	■	■
7000	927/4.28	990/4.67	■	■	■	■	■	■	■	■	■	■	■	■

Size 000E

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
1400	421/0.12	621/0.28	■	■	■	■	■	■	■	■	■	■	■	■
2400	410/0.20	583/0.38	730/0.61	859/0.87	976/1.15	1078/1.43	1165/1.73	■	■	■	■	■	■	■
3400	424/0.36	580/0.56	709/0.80	825/1.08	932/1.39	1032/1.72	1126/2.09	1217/2.47	1301/2.85	1378/3.26	1453/3.64	1522/4.08	1589/4.49	1650/4.91
4400	455/0.62	592/0.86	711/1.12	818/1.41	915/1.73	1008/2.07	1095/2.45	1176/2.84	1257/3.27	1333/3.73	1407/4.17	1477/4.65	■	■
5400	506/1.00	614/1.29	725/1.59	825/1.90	916/2.24	1001/2.60	1081/2.99	1159/3.40	1233/3.81	1304/4.26	1373/4.76	■	■	■
6400	569/1.54	650/1.87	747/2.21	841/2.55	927/2.93	1007/3.31	1084/3.72	1157/4.16	1226/4.58	■	■	■	■	■
7400	638/2.26	702/2.63	778/3.01	862/3.40	945/3.82	1021/4.22	1095/4.67	■	■	■	■	■	■	■
8400	710/3.18	762/3.60	824/4.03	893/4.47	968/4.91	■	■	■	■	■	■	■	■	■



PRESSURE DROP TABLES

Applies to PREEVA Series Models PDH, RDH, RHH, SDH, and Model SHH

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

PDH, RDH, SDH Unit Size	RHH, SHH Unit Size	PXH, RXH Unit Size	CFM	Disp. Filters A		Perm. Alum. Filters A		Pleated Disposable Filters A		Mixing Box	Inlet Damper	O/A Intake Hood	Evaporative Cooler Media	Downturn Plenum	Disch Damper	1" Pre-Filter (Opt. PF4)	2" Pre-Filter (Opt. PF5)	Reheat Pump Coils		Add Coil PD from Coil Data Sheet ^B	External PD (Duct System)	Total Adjusted Pressure Drop			
				2"	2"	2"	4"	Wet	Dry																
75, 100 (Cab A)	-	000A	569	0.04	0.01	0.04	0.01	0.00	0.01	0.03	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.03	■					
			1000	0.06	0.02	0.07	0.03	0.01	0.01	0.03	0.04	0.01	0.01	0.01	0.02	0.08	0.07								
			1500	0.09	0.04	0.11	0.06	0.02	0.01	0.06	0.07	0.02	0.01	0.02	0.04	0.15	0.13								
			1898	0.13	0.06	0.15	0.10	0.03	0.02	0.08	0.11	0.03	0.02	0.03	0.06	0.23	0.19								
125, 150 (Cab B)	-	000B	949	0.05	0.01	0.05	0.02	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.03	■						
			1250	0.06	0.02	0.07	0.03	0.01	0.01	0.03	0.03	0.01	0.01	0.01	0.02	0.06	0.05								
			1500	0.07	0.03	0.08	0.04	0.02	0.01	0.04	0.04	0.02	0.01	0.01	0.03	0.08	0.07								
			2000	0.10	0.05	0.12	0.07	0.02	0.02	0.06	0.07	0.02	0.02	0.02	0.05	0.14	0.12								
			2500	0.14	0.07	0.17	0.11	0.03	0.03	0.09	0.11	0.03	0.03	0.03	0.07	0.20	0.17								
175, 200, 225 (Cab C)	130C, 180C	000C	1329	0.06	0.02	0.06	0.03	0.02	0.01	0.05	0.04	0.02	0.01	0.02	0.12	0.10									
			1650	0.07	0.03	0.08	0.04	0.02	0.02	0.07	0.06	0.02	0.02	0.01	0.03	0.18	0.15								
			2000	0.09	0.04	0.10	0.05	0.03	0.02	0.09	0.08	0.03	0.02	0.02	0.04	0.24	0.21								
			2500	0.12	0.05	0.14	0.08	0.03	0.04	0.15	0.12	0.03	0.04	0.03	0.05	0.36	0.31								
			3000	0.15	0.07	0.18	0.11	0.04	0.06	0.22	0.16	0.04	0.06	0.04	0.07	0.49	0.42								
			3500	■	0.09	0.22	0.15	0.04	0.08	0.31	0.21	0.04	0.08	0.05	0.09	■	0.56	■							
			4000	■	0.12	0.28	0.20	0.05	0.11	0.42	0.27	0.05	0.11	0.06	0.12	■	0.71	■							
			4271	■	0.13	■	■	0.05	0.13	0.49	0.30	0.05	0.13	0.07	0.13	■	0.79	■							
			250, 300 (Cab D)	260D	000D	1898	0.05	0.02	0.06	0.02	0.02	0.01	0.05	0.04	0.02	0.01	0.02	0.08	0.07						
						2050	0.06	0.02	0.06	0.03	0.02	0.01	0.05	0.04	0.02	0.01	0.01	0.02	0.09	0.08					
2500	0.07	0.03				0.08	0.04	0.02	0.02	0.07	0.06	0.02	0.02	0.01	0.03	0.12	0.11								
3000	0.09	0.04				0.10	0.05	0.03	0.02	0.09	0.08	0.03	0.02	0.02	0.04	0.16	0.14								
3500	0.11	0.05				0.12	0.07	0.03	0.03	0.13	0.11	0.03	0.03	0.02	0.05	0.21	0.18								
4000	0.13	0.06				0.15	0.09	0.04	0.04	0.17	0.13	0.04	0.04	0.03	0.06	0.26	0.23								
4500	0.15	0.07				0.18	0.11	0.04	0.05	0.22	0.16	0.04	0.05	0.04	0.07	0.32	0.28								
5000	■	0.09				0.21	0.14	0.04	0.07	0.28	0.19	0.04	0.07	0.04	0.09	0.39	0.33								
5500	■	0.10				0.24	0.17	0.04	0.08	0.35	0.23	0.04	0.08	0.05	0.10	■	0.40	■							
5694	■	0.11				0.25	0.18	0.05	0.09	0.38	0.24	0.05	0.09	0.05	0.11	■	0.42	■							
350, 400A (Cab E)	350D	000E	2657	0.06	0.02	0.07	0.03	0.02	0.01	0.06	0.05	0.02	0.01	0.02	0.12	0.10									
			3300	0.08	0.03	0.09	0.05	0.02	0.02	0.09	0.07	0.02	0.02	0.02	0.03	0.17	0.15								
			3500	0.09	0.04	0.10	0.05	0.02	0.02	0.10	0.08	0.02	0.02	0.02	0.04	0.19	0.16								
			4000	0.10	0.04	0.12	0.07	0.03	0.02	0.13	0.10	0.03	0.02	0.02	0.04	0.24	0.21								
			4500	0.12	0.05	0.14	0.09	0.03	0.03	0.17	0.12	0.03	0.03	0.03	0.05	0.30	0.25								
			5000	0.14	0.07	0.16	0.10	0.03	0.04	0.21	0.15	0.03	0.04	0.03	0.07	0.36	0.31								
			5500	0.16	0.08	0.19	0.13	0.04	0.05	0.27	0.17	0.04	0.05	0.04	0.08	0.43	0.36								
			6000	■	0.09	0.22	0.15	0.04	0.05	0.33	0.20	0.04	0.05	0.04	0.09	0.50	0.43								
			6500	■	0.10	0.25	0.17	0.04	0.07	0.39	0.23	0.04	0.07	0.05	0.10	■	0.49	■							
			7000	■	0.12	0.28	0.20	0.04	0.08	0.47	0.26	0.04	0.08	0.06	0.12	■	0.56	■							
			7400	■	0.13	■	■	0.05	0.09	0.53	0.29	0.05	0.09	0.06	0.13	■	0.62	■							
7593	■	0.14	■	■	0.05	0.09	0.57	0.30	0.05	0.09	0.07	0.14	■	0.65	■										

^A Run RezQuote™ or RezPro® Toolbox Coil Selection Software or call your Reznor Representative.
^B See tables in coil section for pressure drop at specified conditions, run coil selection software or call your Reznor Representative.

Limits:
 TA filters: 400 fpm
 1" Pleated filters: 450 fpm
 2" & 4" Pleated: 500 fpm
 Perm Filters: Approx 600 fpm
 Evap Cooling: Approx 550 fpm (500 is recommended max)

Coils: 200 to 550 fpm (450 is recommended max for 14 fpi w/o reheat up to 550 for dry coils or coils w/reheat)

Reheat Pump Dry Coil PD is shown for all CFM's for multispeed operation when not in cooling mode.



PRESSURE DROP TABLE

Applies to PREEVA Series Models PEH and REH

PEH, REH Cabinet Size	CFM	Disp. Filters ^A		Perm. Alum. Filters ^A		Pleated Disposable Filters ^A		Mixing Box	Inlet Damper	O/A Intake Hood	Evaporative Cooler Media ^C	Downturn Plenum	Disch Damper	1" Pre-Filter (Opt. PF4)	2" Pre-Filter (Opt. PF5)	Reheat Pump Coils		Add Coil PD from Coil Data Sheet ^B	External PD (Duct System)	Total Adjusted Pressure Drop		
		2"	2"	2"	4"	Wet	Dry															
A	420	0.03	0.01	0.03	0.01	0.00	0.01	0.02	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.03	0.03				
	1000	0.06	0.02	0.07	0.03	0.01	0.01	0.03	0.04	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.08	0.07				
	1500	0.09	0.04	0.11	0.06	0.02	0.01	0.06	0.07	0.02	0.01	0.02	0.04	0.04	0.04	0.15	0.13					
	2000	0.14	0.07	0.16	0.10	0.03	0.02	0.09	0.12	0.03	0.02	0.03	0.07	0.25	0.21							
	2500	■	0.10	0.23	0.16	0.03	0.04	0.14	0.17	0.03	0.04	0.05	0.10	■	0.32	■						
	3000	■	0.13	■	■	0.04	0.06	0.20	0.23	0.04	0.06	0.07	0.13	■	0.45	■						
	3500	■	0.18	■	■	0.04	0.08	0.28	■	0.04	0.08	■	■	■	0.60	■						
3800	■	■	■	■	0.05	0.10	0.33	■	0.05	0.10	■	■	■	0.70	■							
B	630	0.03	0.01	0.03	0.01	0.00	0.01	0.03	0.01	0.00	0.01	0.00	0.01	0.01	0.01	n	0.01	■				
	1000	0.05	0.02	0.05	0.02	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.02	0.04	0.03							
	1500	0.07	0.03	0.08	0.04	0.02	0.01	0.04	0.04	0.02	0.01	0.01	0.03	0.08	0.07							
	2000	0.10	0.05	0.12	0.07	0.02	0.02	0.06	0.07	0.02	0.02	0.02	0.05	0.14	0.12							
	2500	0.14	0.07	0.17	0.11	0.03	0.03	0.09	0.11	0.03	0.03	0.03	0.07	0.20	0.17							
	3000	■	0.09	0.22	0.15	0.04	0.04	0.12	0.15	0.04	0.04	0.05	0.09	0.27	0.23							
	3500	■	0.12	0.28	0.20	0.04	0.06	0.16	0.19	0.04	0.06	0.06	0.12	■	0.30	■						
	4000	■	0.15	■	■	0.04	0.08	0.22	0.24	0.04	0.08	0.08	0.15	■	0.38	■						
4500	■	0.19	■	■	0.05	0.10	0.28	■	0.05	0.10	■	■	■	0.46	■							
4700	■	■	■	■	0.05	0.11	0.30	■	0.05	0.11	■	■	■	0.50	■							
D	1260	0.04	0.01	0.04	0.01	0.01	0.01	0.04	0.02	0.01	0.01	0.01	0.01	■	0.04	■						
	1500	0.04	0.01	0.04	0.02	0.01	0.01	0.04	0.02	0.01	0.01	0.01	0.01	■	0.05	■						
	2000	0.06	0.02	0.06	0.03	0.02	0.01	0.05	0.04	0.02	0.01	0.01	0.02	0.09	0.08							
	2500	0.07	0.03	0.08	0.04	0.02	0.02	0.07	0.06	0.02	0.02	0.01	0.03	0.12	0.11							
	3000	0.09	0.04	0.10	0.05	0.03	0.02	0.09	0.08	0.03	0.02	0.02	0.04	0.16	0.14							
	3500	0.11	0.05	0.12	0.07	0.03	0.03	0.13	0.11	0.03	0.03	0.02	0.05	0.21	0.18							
	4000	0.13	0.06	0.15	0.09	0.04	0.04	0.17	0.13	0.04	0.04	0.03	0.06	0.26	0.23							
	4500	0.15	0.07	0.18	0.11	0.04	0.05	0.22	0.16	0.04	0.05	0.04	0.07	0.32	0.28							
	5000	■	0.09	0.21	0.14	0.04	0.07	0.28	0.19	0.04	0.07	0.04	0.09	0.39	0.33							
	5500	■	0.10	0.24	0.17	0.04	0.08	0.35	0.23	0.04	0.08	0.05	0.10	■	0.40	■						
	6000	■	0.12	0.28	0.20	0.05	0.10	0.43	0.26	0.05	0.10	0.06	0.12	■	0.46	■						
6500	■	0.14	■	■	0.05	0.12	0.51	0.30	0.05	0.12	0.07	0.14	■	0.54	■							
7000	■	0.16	■	■	0.05	0.14	0.60	■	0.05	0.14	■	■	■	0.61	■							
E	1685	0.04	0.01	0.04	0.02	0.01	0.01	0.05	0.02	0.01	0.01	0.01	0.01	■	0.04	■						
	2000	0.05	0.02	0.05	0.02	0.01	0.01	0.05	0.03	0.01	0.01	0.01	0.02	0.07	0.06							
	2500	0.06	0.02	0.07	0.03	0.02	0.01	0.06	0.05	0.02	0.01	0.01	0.02	0.11	0.09							
	3000	0.07	0.03	0.08	0.04	0.02	0.01	0.08	0.06	0.02	0.01	0.01	0.03	0.15	0.12							
	3500	0.09	0.04	0.10	0.05	0.02	0.02	0.10	0.08	0.02	0.02	0.02	0.04	0.19	0.16							
	4000	0.10	0.04	0.12	0.07	0.03	0.02	0.13	0.10	0.03	0.02	0.02	0.04	0.24	0.21							
	4500	0.12	0.05	0.14	0.09	0.03	0.03	0.17	0.12	0.03	0.03	0.03	0.05	0.30	0.25							
	5000	0.14	0.07	0.16	0.10	0.03	0.04	0.21	0.15	0.03	0.04	0.03	0.07	0.36	0.31							
	5500	0.16	0.08	0.19	0.13	0.04	0.05	0.27	0.17	0.04	0.05	0.04	0.08	0.43	0.36							
	6000	■	0.09	0.22	0.15	0.04	0.05	0.33	0.20	0.04	0.05	0.04	0.09	0.50	0.43							
	6500	■	0.10	0.25	0.17	0.04	0.07	0.39	0.23	0.04	0.07	0.05	0.10	0.58	0.49							
	7000	■	0.12	0.28	0.20	0.04	0.08	0.47	0.26	0.04	0.08	0.06	0.12	■	0.56	■						
	7500	■	0.13	■	■	0.05	0.09	0.55	0.29	0.05	0.09	0.07	0.13	■	0.64	■						
8000	■	0.15	■	■	0.05	0.10	0.64	■	0.05	0.10	■	■	■	0.72	■							
8400	■	0.16	■	■	0.05	0.11	0.71	■	0.05	0.11	■	■	■	0.79	■							

Limits:
 TA filters: 400 fpm
 1" Pleated filters: 450 fpm
 2" & 4" Pleated: 500 fpm
 Perm Filters: Approx 600 fpm
 Evap Cooling: Approx 550 fpm (500 is recommended max)

Coils: 180 to 550 fpm (450 is recommended max for 14 fpi w/o reheat up to 550 for dry coils or coils w/reheat)

Reheat Pump Dry Coil PD is shown for all CFM's for multispeed operation when not in cooling mode.

Discharge air opening without flanges is standard on Models PDH, RDH, RHH, SDH, SHH, PXH, and RXH.

Discharge Air Opening with Duct Flanges (Option AX4)

The optional discharge duct flange is 4" (102mm) deep with a 3/4" (19mm) wide flange on all sides. Optional duct flanges are provided for connection to duct work. The duct flange is a standard feature on Model PEH and REH. Optional on all other models.

Discharge Air Opening with Horizontal Louvers (Option AX2)

Standard discharge air opening with horizontal louvers to adjust the directional air flow. Applies to Models PDH, PXH, SDH and SHH only.

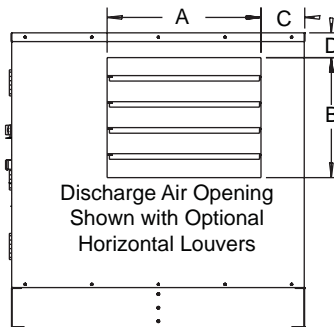
Discharge Air Opening with Horizontal and Vertical Louvers (Option AX3)

Vertical louvers in addition to horizontal louvers for added directional air flow flexibility. Applies to Models PDH, PXH, SDH and SHH only.

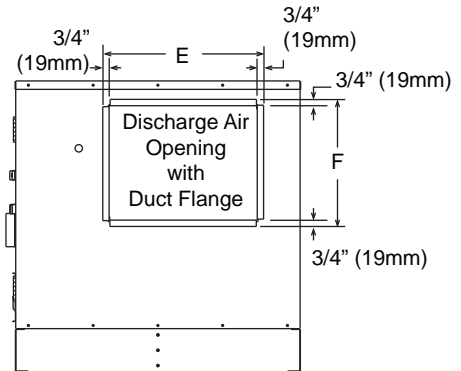
PDH or SDH Size	PEH Cabinet Size	SHH	PXH	A		B		C		D		E		F	
				inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)
75/100	A	--	000A	17 23/32	(450)	13 13/16	(351)	5 3/64	(128)	2 27/32	(72)	19 1/16	(484)	15 1/16	(383)
125/150	B	--	000B	27 23/32	(704)	13 13/16	(351)	5 3/64	(128)	2 27/32	(72)	29 1/16	(738)	15 1/16	(383)
175/200/225	--	130C/180C	000C	20 29/32	(531)	23	(584)	2	(51)	2 59/64	(74)	22 1/4	(565)	24 5/16	(618)
250/300	D	260D	000D	28 13/16	(732)	23	(584)	10 5/16	(262)	2 59/64	(74)	30 1/8	(765)	24 5/16	(618)
350/400A	E	350E	000E	38 15/32	(977)	23	(584)	8 41/64	(219)	2 59/64	(74)	29 13/16	(757)	24 5/16	(618)

RDH Size	REH Cabinet	RHH Size	RXH Size	A		B	
				inches	(mm)	inches	(mm)
75/100	A	--	000A	13 13/16	(351)	13 9/16	(344)
125/150	B	--	000B	18 13/16	(478)	13 9/16	(344)
175/200/225	--	130C/180C	000C	12 5/16	(313)	22 13/16	(579)
250/300	D	260D	000D	24 7/16	(621)	22 13/16	(579)
350/400A	E	350	000E	27 13/16	(706)	22 13/16	(579)

Standard Discharge Air Opening or Option AX2

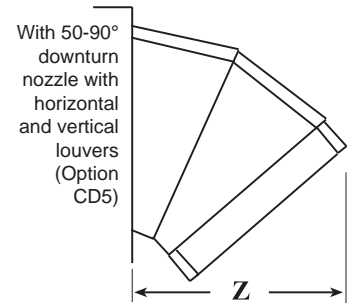
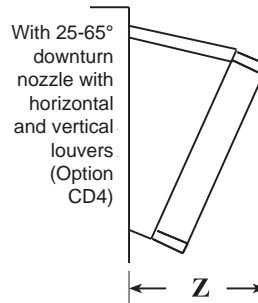
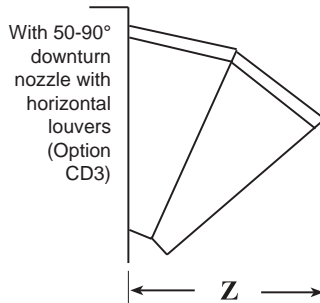
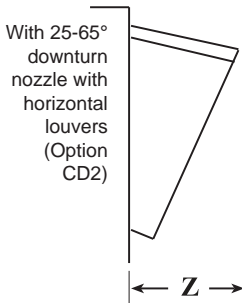


Option AX4



Discharge Air Nozzles Options CD2, CD3, CD4 or CD5

Applies to Models PDH, SDH, SHH, and PXH only.



Dimension Z

PDH, SDH Sizes	75, 100, 125, 150		175, 200, 225, 250, 300, 350, 400A	
SHH Sizes	-		130C, 180C, 260D, 350E	
PXH w/Hyd. Htg. Module	000A, 000B		000C, 000D and 000E	
Option	inches	mm	inches	mm
CD2	9	(229)	13 9/16	(344)
CD3	15 11/16	(398)	23 5/8	(600)
CD4	12 1/2	(318)	17 1/8	(435)
CD5	18 15/16	(481)	25 11/16	(652)

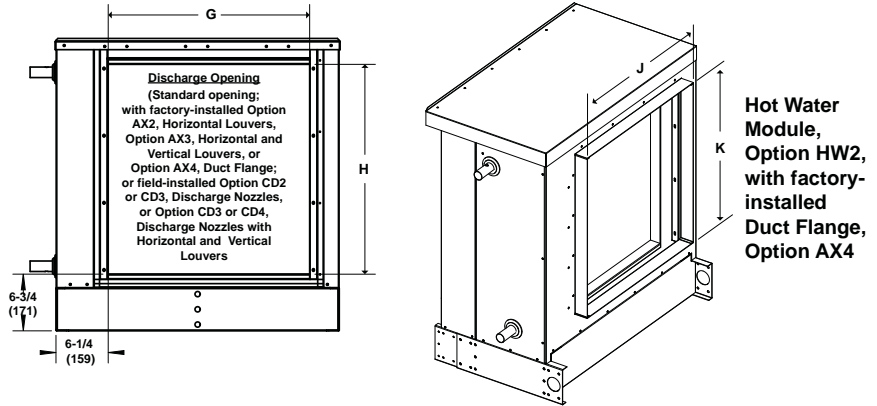


Option CD5 - Nozzle with Horizontal and Vertical Louvers

Hydronic Heating Cabinet Discharge Air Opening (Model PXH only)

The standard discharge air opening is shown in the diagram at the near left. Discharge air nozzles (Option CD_) are attached to this opening.

The hydronic heating cabinet discharge air opening can be factory fitted with a duct flange (Option AX4). See the illustration at the far right. Dimensions are shown in the table below.

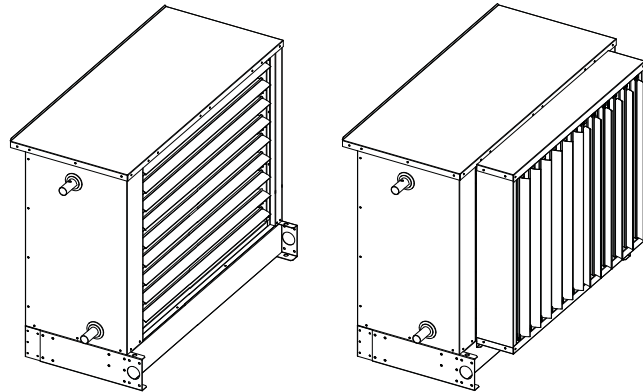


Size	Standard Supply Air Opening				Supply Air Opening with Duct Flanges			
	G		H		J		K	
	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
000A	24	(610)	25	(635)	23 15/16	(608)	23 3/4	(603)
000B	34	(864)	25	(635)	33 15/16	(862)	23 3/4	(603)
000C	24	(610)	35	(889)	23 15/16	(608)	33 3/4	(857)
000D	40 1/4	(1022)	35	(889)	39 15/16	(1014)	33 3/4	(857)
000E	48 1/4	(1226)	35	(889)	47 15/16	(1218)	33 3/4	(857)

Factory Installed Horizontal or Horizontal and Vertical Louvers (Model PXH Only)

Horizontal factory-installed louvers (Option AX2) can be attached to the supply air opening for the hydronic heating cabinet. See the illustration to the near right.

Horizontal and vertical factory installed louvers (Option AX3) will add approximately 4" (102mm) to the overall length of the PXH cabinet. See the illustration to the far right.

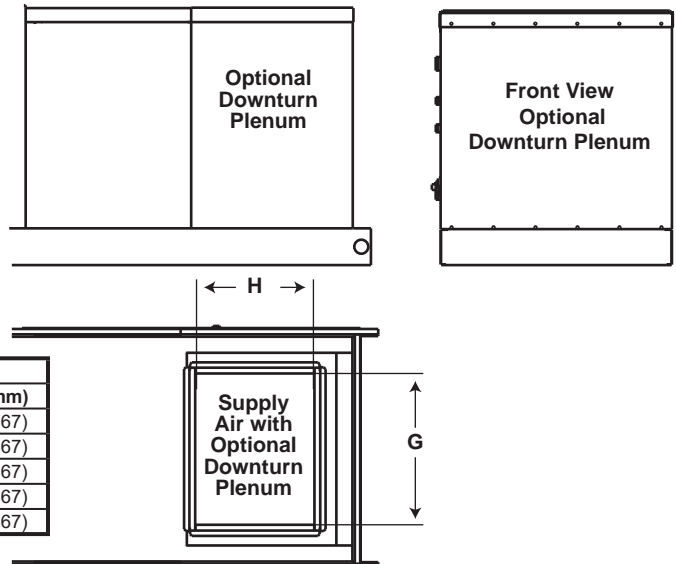


Downturn Discharge Air Plenum with Bottom Opening Option AQ5

Downturn discharge plenum can be applied to any rooftop PreevA unit. The plenum can be attached to the heating section of Model RDH, REH or RHH. It can also be attached to the Blower section or hydronic heating section of Model RXH.

Downturn Discharge Air Plenum with Bottom Opening and Two Position Motorized Damper Option AQ8

The motorized damper is closed when the unit is not operating.



RDH Size	REH Cabinet	RHH Size	RXH Size	G		H	
				inches	(mm)	inches	(mm)
75/100	A	--	000A	22 7/8	(581)	18 3/8	(467)
125/150	B	--	000B	26 1/2	(673)	18 3/8	(467)
175/200/225	--	130C/180C	000C	22 7/8	(581)	18 3/8	(467)
250/300	D	260D	000D	34 3/4	(883)	18 3/8	(467)
350/400A	E	350E	000E	45 13/16	(1164)	18 3/8	(467)



HIGH ALTITUDE CAPACITY CHANGES
Models PDH, RDH, SDH - U.S. Installations

The input and/or the capacity of the heater changes with altitude. The table below lists inputs and capacities at altitudes from sea level to 9,000 ft (2,745M) for installations in the United States. The table on the following page lists inputs and capacities at altitudes from sea level to 4,500 ft (1373M) for installations in Canada.

Table with columns for ALTITUDE (Feet/Meters), Normal Input, Thermal Output Capacity, and Modulation Minimum Input. Rows are grouped by heater size (75, 100, 125, 150, 175, 200, 225, 250, 300, 350, 400A) and altitude ranges (0-2000, 2001-3000, 3001-4000, 4001-5000, 5001-6000, 6001-7000, 7001-8000, 8001-9000).

NOTE: For 8:1 gas modulation select gas heating control Option AG58 or digital heating/cooling control Option D12G - available on Model RDH in size 175 and larger only.

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

HIGH ALTITUDE CAPACITY CHANGES Models PDH, RDH, SDH - Canadian Installations

BTUH Inputs and Capacities by Altitude in CANADA for Models PDH, RDH & SDH																		
ALTITUDE		Normal Input	Thermal Output Capacity	2-Stage Minimum Input (applies to AG2, AG3, AG15, AG16)		2-Stage with Venter Motor Controller Minimum Input (applies to AG60, AG61, AG62)		Modulation Minimum Input (applies to Options AG40)		Normal Input	Thermal Output Capacity	2-Stage Minimum Input (applies to AG2, AG3, AG15, AG16)		2-Stage with Venter Motor Controller Minimum Input (applies to AG60, AG61, AG62)		Modulation Minimum Input (applies to Options AG40)		
				Natural	Propane	Natural	Propane	Natural	Propane			Natural	Propane	Natural	Propane			
Feet	Meters	Size 75																
0-2000	0-610	75,000	60,750	52,500	24,750	30,000	18,750	30,000	100,000	81,000	70,000	33,000	40,000	25,000	40,000	Size 100		
2001-4500	611-1373	67,500	54,675	47,250	22,275	27,000	16,875	27,000	90,000	72,900	63,000	29,700	36,000	22,500	36,000	Size 150		
Feet	Meters	Size 125																
0-2000	0-610	125,000	101,250	87,500	41,250	50,000	31,250	50,000	150,000	121,500	105,000	49,500	60,000	37,500	60,000	Size 200		
2001-4500	611-1373	112,500	91,125	78,750	37,125	45,000	28,125	45,000	135,000	109,350	94,500	44,550	54,000	33,750	54,000	Size 250		
Feet	Meters	Size 175																
0-2000	0-610	175,000	141,750	122,500	57,750	70,000	43,750	70,000	200,000	162,000	140,000	66,000	80,000	50,000	80,000	Size 300		
2001-4500	611-1373	157,500	127,575	110,250	51,975	63,000	39,375	63,000	180,000	145,800	126,000	59,400	72,000	45,000	72,000	Size 350		
Feet	Meters	Size 225																
0-2000	0-610	225,000	182,250	157,500	74,250	90,000	56,250	90,000	250,000	202,500	175,000	82,500	100,000	62,500	100,000	Size 400A		
2001-4500	611-1373	202,500	164,025	141,750	66,825	81,000	50,625	81,000	225,000	182,250	157,500	74,250	90,000	56,250	90,000	Size 450		
Feet	Meters	Size 300																
0-2000	0-610	300,000	243,000	210,000	99,000	120,000	75,000	120,000	350,000	283,500	245,000	115,500	140,000	87,500	140,000	Size 500		
2001-4500	611-1373	270,000	218,700	189,000	89,100	108,000	67,500	108,000	315,000	255,150	220,500	103,950	126,000	78,750	126,000	Size 550		
Feet	Meters	Size 400A																
0-2000	0-610	400,000	324,000	280,000	132,000	160,000	100,000	160,000									Size 600	
2001-4500	611-1373	360,000	291,600	252,000	118,800	144,000	90,000	144,000									Size 650	

HIGH ALTITUDE CAPACITY CHANGES Models RHH & SHH (with gas control AG2 only)

USA INPUTS & CAPACITIES BY ALTITUDE									
ALTITUDE		130		180		260		350	
FEET	METERS	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)
0 - 2000	0 - 610	131000	120520	175000	159250	260000	236600	345000	313950
2001 - 3000	611 - 915	123140	113289	164500	149695	244400	222404	324300	295113
3001 - 4000	916 - 1220	120520	110878	161000	146510	239200	217672	317400	288834
4001 - 5000	1221 - 1525	117900	108468	157500	143325	234000	212940	310500	282555
5001 - 6000	1526 - 1830	115280	106058	154000	140140	228800	208208	303600	276276
6001 - 7000	1831 - 2135	112660	103647	150500	136955	223600	203476	296700	269997
7001 - 8000	2136 - 2440	110040	101237	147000	133770	218400	198744	289800	263718
8001 - 9000	2441 - 2745	107420	98826	143500	130585	213200	194012	282900	257439
9001 - 10000	2746 - 3045	104800	96416	140000	127400	208000	189280	276000	251160

CANADA INPUTS & CAPACITIES BY ALTITUDE									
ALTITUDE		130		180		260		350	
FEET	METERS	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)	NORMAL INPUT (BTU/HR)	THERMAL OUTPUT CAPACITY (BTU/HR)
0 - 2000	0 - 610	131000	120520	175000	159250	260000	236600	345000	313950
2001 - 4500	611 - 1373	117900	108468	157500	143325	234000	212940	310500	282555

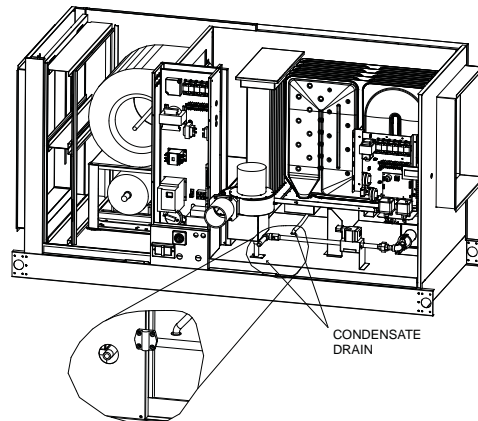
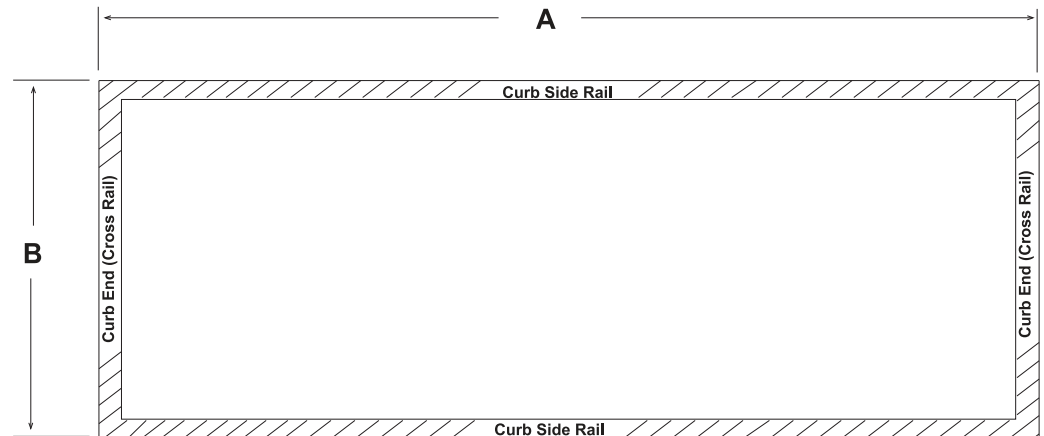
NOTE: For 8:1 gas modulation select gas heating control Option AG58 or digital heating/cooling control Option D12G - Models RHH and SHH.

Roof Curb

The system is equipped with a load-bearing curb cap which forms the integral part of the unit. Model RHH MUST be set on a curb. The roof curb MUST be open to the interior space to prevent condensate freezing.

Curb is 16" (406mm) high

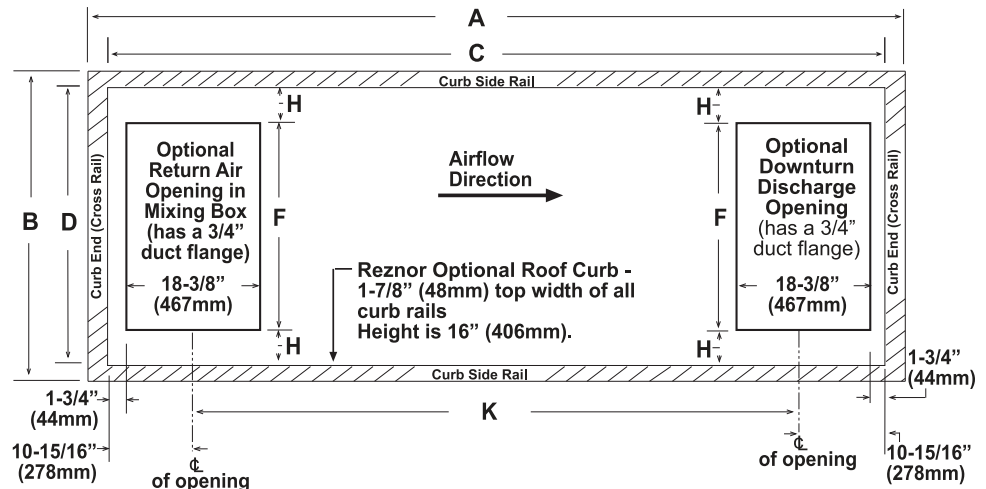
Configuration	Option Code	RHH Size	Inches ±1/8		(mm) ±3		Weight	
			A	B	A	B	lbs	(kg)
Basic Unit ONLY (blower and heat section) with horizontal discharge	CJ8Q	130C/ 180C	77-1/2	29-13/16	(1,969)	(757)	132	(60)
		250D	77-1/2	46-1/16	(1,969)	(1,170)	152	(69)
		350E	77-1/2	54-1/16	(1,969)	(1,373)	162	(74)
Basic unit PLUS 1 either - Downturn Discharge Plenum (AQ5 or AQ8); OR Mixing Box (MXB1) with horizontal discharge; OR Cooling Coil Cabinet without Reheat (AU5 or AU6) with horizontal discharge	CJ8R	130C/ 180C	105-1/4	29-13/16	(2,673)	(757)	167	(76)
		250D	105-1/4	46-1/16	(2,673)	(1,170)	188	(85)
		350E	105-1/4	54-1/16	(2,673)	(1,373)	198	(90)
Basic unit PLUS 2 - Down Discharge (AQ 5 or 8) AND Mixing Box OR Cooling Coil Cabinet without Reheat (AU 5 or 6); OR Mixing Box AND Cooling Coil Cabinet without Reheat (AU 5 or 6) with horizontal discharge	CJ8S	130C/ 180C	133	29-13/16	(3,378)	(757)	209	(95)
		250D	133	46-1/16	(3,378)	(1,170)	230	(104)
		350E	133	54-1/16	(3,378)	(1,373)	240	(109)
Basic unit PLUS 3 - Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box (MXB1) AND Cooling Coil Cabinet without Reheat (AU5 or AU6)	CJ8T	130C/ 180C	160-3/4	29-13/16	(4,083)	(757)	245	(111)
		250D	160-3/4	46-1/16	(4,083)	(1,170)	265	(120)
		350E	160-3/4	54-1/16	(4,083)	(1,373)	276	(125)
Basic unit PLUS 1 - Cooling Coil Cabinet with Reheat (AU7) with horizontal discharge	CJ8U	130C/ 180C	130-1/4	29-13/16	(3,308)	(757)	206	(93)
		250D	130-1/4	46-1/16	(3,308)	(1,170)	227	(103)
		350E	130-1/4	54-1/16	(3,308)	(1,373)	237	(107)
Basic unit PLUS 2 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) OR Mixing Box (MXB1) with horizontal discharge	CJ8V	130C/ 180C	158	29-13/16	(4,013)	(757)	241	(109)
		250D	158	46-1/16	(4,013)	(1,170)	262	(119)
		350E	158	54-1/16	(4,013)	(1,373)	272	(123)
Basic unit PLUS 3 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box (MXB1)	CJ8W	130C/ 180C	185-3/4	29-13/16	(4,718)	(757)	277	(125)
		250D	185-3/4	46-1/16	(4,718)	(1,170)	297	(135)
		350E	185-3/4	54-1/16	(4,718)	(1,373)	307	(139)



Curb is 16" (406mm) high

Configuration	Option Code	RDH Size	REH Size	RXH Size	Inches (±1/8)				mm (±3)				Weight	
					A	B	C	D	A	B	C	D	lbs	kg
Basic Unit ONLY (blower and heat section) with horizontal discharge	CJ8A	75/100	10A/20A/40A	000A	51-13/16	29-13/16	48-1/16	26-1/16	1,316	757	1,221	662	90	41
		125/150	15B/30B/60B	000B	51-13/16	39-13/16	48-1/16	36-1/16	1,316	1,011	1,221	916	101	46
		175/200/225	N/A	000C	67-1/2	29-13/16	63-3/4	26-1/16	1,715	757	1,619	662	107	49
		250/300	30D/60D/90D/120D	000D	67-1/2	46-1/16	63-3/4	42-5/16	1,715	1,170	1,619	1,075	125	57
Basic unit PLUS 1 either - Downturn Discharge Plenum (AQ5 or AQ8); OR Mixing Box (MXB1) with horizontal discharge; OR Cooling Coil Cabinet without Reheat (AU5 or AU6) with horizontal discharge	CJ8B	75/100	10A/20A/40A	000A	79-9/16	29-13/16	75-13/16	26-1/16	2,021	757	1,926	662	120	54
		125/150	15B/30B/60B	000B	79-9/16	39-13/16	75-13/16	36-1/16	2,021	1,011	1,926	916	131	59
		175/200/225	N/A	000C	95-1/4	29-13/16	91-1/2	26-1/16	2,419	757	2,324	662	138	63
		250/300	30D/60D/90D/120D	000D	95-1/4	46-1/16	91-1/2	42-5/16	2,419	1,170	2,324	1,075	155	70
Basic unit PLUS 2 - Down Discharge (AQ 5 or 8) AND Mixing Box OR Cooling Coil Cabinet without Reheat (AU 5 or 6); OR Mixing Box AND Cooling Coil Cabinet without Reheat (AU 5 or 6) with horizontal discharge	CJ8C	75/100	10A/20A/40A	000A	107-5/16	29-13/16	103-9/16	26-1/16	2,726	757	2,631	662	151	68
		125/150	15B/30B/60B	000B	107-5/16	39-13/16	103-9/16	36-1/16	2,726	1,011	2,631	916	162	73
		175/200/225	N/A	000C	123	29-13/16	119-1/4	26-1/16	3,124	757	3,029	662	168	76
		250/300	30D/60D/90D/120D	000D	123	46-1/16	119-1/4	42-5/16	3,124	1,170	3,029	1,075	186	84
Basic unit PLUS 3 - Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box (MXB1) AND Cooling Coil Cabinet without Reheat (AU5 or AU6)	CJ8D	75/100	10A/20A/40A	000A	135-1/16	29-13/16	131-5/16	26-1/16	3,431	757	3,335	662	181	82
		125/150	15B/30B/60B	000B	135-1/16	39-13/16	131-5/16	36-1/16	3,431	1,011	3,335	916	192	87
		175/200/225	N/A	000C	150-3/4	29-13/16	147	26-1/16	3,829	757	3,734	662	199	90
		250/300	30D/60D/90D/120D	000D	150-3/4	46-1/16	147	42-5/16	3,829	1,170	3,734	1,075	216	98
Basic unit PLUS 1 - Cooling Coil Cabinet with Reheat (AU7) with horizontal discharge	CJ8E	75/100	10A/20A/40A	000A	104-9/16	29-13/16	100-13/16	26-1/16	2,656	757	2,561	662	149	68
		125/150	15B/30B/60B	000B	104-9/16	39-13/16	100-13/16	36-1/16	2,656	1,011	2,561	916	160	73
		175/200/225	N/A	000C	120-1/4	29-13/16	116-1/2	26-1/16	3,054	757	2,959	662	167	76
		250/300	30D/60D/90D/120D	000D	120-1/4	46-1/16	116-1/2	42-5/16	3,054	1,170	2,959	1,075	184	83
Basic unit PLUS 2 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) OR Mixing Box (MXB1) with horizontal discharge	CJ8F	75/100	10A/20A/40A	000A	132-5/16	29-13/16	128-9/16	26-1/16	3,361	757	3,266	662	180	82
		125/150	15B/30B/60B	000B	132-5/16	39-13/16	128-9/16	36-1/16	3,361	1,011	3,266	916	191	87
		175/200/225	N/A	000C	148	29-13/16	144-1/4	26-1/16	3,759	757	3,664	662	197	89
		250/300	30D/60D/90D/120D	000D	148	46-1/16	144-1/4	42-5/16	3,759	1,170	3,664	1,075	215	98
Basic unit PLUS 3 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box (MXB1)	CJ8G	75/100	10A/20A/40A	000A	160-1/16	29-13/16	156-5/16	26-1/16	4,066	757	3,970	662	210	95
		125/150	15B/30B/60B	000B	160-1/16	39-13/16	156-5/16	36-1/16	4,066	1,011	3,970	916	221	100
		175/200/225	N/A	000C	175-3/4	29-13/16	172	26-1/16	4,464	757	4,369	662	228	103
		250/300	30D/60D/90D/120D	000D	175-3/4	46-1/16	172	42-5/16	4,464	1,170	4,369	1,075	245	111
350/400A	40E/80E/120E	000E	175-3/4	54-1/16	172	50-5/16	4,464	1,373	4,369	1,278	254	115		

RDH Size	REH Size	RXH Size	Dimensions (inches ±1/8)				Dimensions (mm ±3)					
			F (with mixing box and/or down discharge)	H	K (with mixing box and down discharge)		F (with mixing box and/or down discharge)	H	K (with mixing box and down discharge)			
					no cooling coil module	with a cooling coil module			no cooling coil module	with a cooling coil module		
75/100	10A/20A/40A	000A	22-7/8	1-9/16	81-5/8	109-3/8	134-3/8	(581)	(40)	(2,073)	(2,778)	(3,413)
125/150	15B/30B/60B	000B	26-1/2	4-3/4	81-5/8	109-3/8	134-3/8	(673)	(121)	(2,073)	(2,778)	(3,413)
175/200/ 225	N/A	000C	22-7/8	1-9/16	97-3/8	125-1/8	150-1/8	(581)	(40)	(2,473)	(3,178)	(3,813)
250/300	30D/60D/90D/ 120D	000D	34-3/4	3-3/4	97-3/8	125-1/8	150-1/8	(883)	(96)	(2,473)	(3,178)	(3,813)
350/400A	40E/80E/120E	000E	45-13/16	2-1/4	97-3/8	125-1/8	150-1/8	(1164)	(57)	(2,473)	(3,178)	(3,813)



NOTE: If there is an evaporative cooling module, the base of the unit under the evaporative cooling module extends beyond the end of the roof curb. An evaporative cooling module does not affect the length of the roof curb.

Curb is 16" (406mm) high

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

Configuration	Option Code	RXH with Optional Hot Water Heat Module	Inches (±1/8)				mm (±3)				Weight	
			A	B	C	D	A	B	C	D	lbs	kg
Model RXH with Optional Hot Water Heat Module (HW2) and horizontal discharge	CJ8H	000A	68-5/8	29-13/16	64-7/8	26-1/16	1743	757	1648	662	115	52
		000B	68-5/8	39-13/16	64-7/8	36-1/16	1743	1,011	1648	916	127	58
		000C	84-3/8	29-13/16	80-5/8	26-1/16	2143	757	2048	662	134	61
		000D	84-3/8	46-1/16	80-5/8	42-5/16	2143	1,170	2048	1,075	153	69
		000E	84-3/8	54-1/16	80-5/8	50-5/16	2143	1,373	2048	1,278	153	69
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 1 either Downturn Discharge Plenum (AQ5 or AQ8); OR Mixing Box (MXB1) with horizontal discharge; OR Cooling Coil Cabinet without Reheat (AU5 or AU6) with horizontal discharge	CJ8J	000A	96-3/8	29-13/16	92-5/8	26-1/16	2448	757	2353	662	148	67
		000B	96-3/8	39-13/16	92-5/8	36-1/16	2448	1,011	2353	916	160	73
		000C	112-1/8	29-13/16	108-3/8	26-1/16	2848	757	2753	662	167	76
		000D	112-1/8	46-1/16	108-3/8	42-5/16	2848	1,170	2753	1,075	167	76
		000E	112-1/8	54-1/16	108-3/8	50-5/16	2848	1,373	2753	1,278	167	76
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 2 - Down Discharge (AQ 5 or AQ8) AND Mixing Box OR Cooling Coil Cabinet without Reheat (AU 5 or 6); OR Mixing Box AND Cooling Coil Cabinet without Reheat (AU 5 or 6) with horizontal discharge	CJ8K	000A	124-1/8	29-13/16	120-3/8	26-1/16	3153	757	3058	662	189	86
		000B	124-1/8	39-13/16	120-3/8	36-1/16	3153	1011	3058	916	201	91
		000C	139-7/8	29-13/16	136-1/8	26-1/16	3553	757	3458	662	208	94
		000D	139-7/8	46-1/16	136-1/8	42-5/16	3553	1170	3458	1075	227	103
		000E	139-7/8	54-1/16	136-1/8	50-5/16	3553	1373	3458	1278	237	108
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 3 - Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box AND Cooling Coil Cabinet without Reheat (AU5 or AU6)	CJ8L	000A	151-3/4	29-13/16	148	26-1/16	3854	757	3759	662	185	84
		000B	151-3/4	39-13/16	148	36-1/16	3854	1011	3759	916	197	89
		000C	167-3/8	29-13/16	163-5/8	26-1/16	4251	757	4156	662	204	93
		000D	167-3/8	46-1/16	163-5/8	42-5/16	4251	1170	4156	1075	224	102
		000E	167-3/8	54-1/16	163-5/8	50-5/16	4251	1373	4156	1278	234	106
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 1 - Cooling Coil Cabinet with Reheat (AU7) with horizontal discharge	CJ8M	000A	121-1/4	29-13/16	117-1/2	26-1/16	3080	757	2985	662	222	101
		000B	121-1/4	39-13/16	117-1/2	36-1/16	3080	1011	2985	916	234	106
		000C	136-7/8	29-13/16	133-1/8	26-1/16	3477	757	3381	662	241	109
		000D	136-7/8	46-1/16	133-1/8	42-5/16	3477	1170	3381	1075	261	118
		000E	136-7/8	54-1/16	133-1/8	50-5/16	3477	1373	3381	1278	271	123
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 2 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) OR Mixing Box (MXB1) with horizontal discharge	CJ8N	000A	148-7/8	29-13/16	145-1/8	26-1/16	3781	757	3686	662	219	99
		000B	148-7/8	39-13/16	145-1/8	36-1/16	3781	1011	3686	916	231	105
		000C	164-5/8	29-13/16	160-7/8	26-1/16	4181	757	4086	662	238	108
		000D	164-5/8	46-1/16	160-7/8	42-5/16	4181	1170	4086	1075	258	117
		000E	164-5/8	54-1/16	160-7/8	50-5/16	4181	1373	4086	1278	267	121
Model RXH with Optional Hot Water Heat Module (HW2) PLUS 3 - Cooling Coil Cabinet with Reheat (AU7) AND Down Discharge Plenum (AQ5 or AQ8) AND Mixing Box (MXB1)	CJ8P	000A	176-3/4	29-13/16	173	26-1/16	4489	757	4394	662	252	114
		000B	176-3/4	39-13/16	173	36-1/16	4489	1011	4394	916	265	120
		000C	192-3/8	29-13/16	188-5/8	26-1/16	4886	757	4791	662	271	123
		000D	192-3/8	46-1/16	188-5/8	42-5/16	4886	1170	4791	1075	291	132
		000E	192-3/8	54-1/16	188-5/8	50-5/16	4886	1373	4791	1278	301	137

NOTE: If there is an evaporative cooling module, the base of the unit under the evaporative cooling module extends beyond the end of the roof curb. An evaporative cooling module does not affect the length of the roof curb.

Model RXH (with hot water heat module)	Dimensions (inches ±1/8)						Dimensions (mm ±3)														
	F		H		K (with mixing box & downturn)		F		H		K (with mixing box & downturn)										
	(with mixing box and/or down discharge)		no cooling coil module		with a cooling coil module		(with mixing box and/or down discharge)		no cooling coil module		with a cooling coil module										
000A	22-7/8	1-9/16	98-7/16	126-3/16	151-3/16	581	40	2500	3205	3840											
000B	26-1/2	4-3/4	98-7/16	126-3/16	151-3/16	673	121	2500	3205	3840											
000C	22-7/8	1-9/16	114-3/16	141-15/16	166-15/16	581	40	2900	3605	4240											
000D	34-3/4	3-3/4	114-3/16	141-15/16	166-15/16	883	96	2900	3605	4240											
000E	45-13/16	2-1/4	114-3/16	141-15/16	166-15/16	1164	57	2900	3605	4240											

SPACE HEATING APPLICATIONS

MAKEUP AIR HEATING APPLICATIONS

Option AG1 - ONE-STAGE CONTROL: Single-stage gas valve which cycles on at 100% fire on a call for heat by a remote single-stage thermostat. Thermostat energizes supply fan contactor or starter. Thermostat is not included. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG2 - TWO-STAGE CONTROL: Two-stage gas valve which fires at 100% or 70%, as required, on call by a remote two-stage thermostat. Thermostat energizes supply fan contactor or starter. Thermostat is not included. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG3 - TWO-STAGE CONTROL FROM DUCTSTAT (50° to 120°F):

Components: Fan contactor or starter, damper connections, smoke detector contacts, gas ignition control, two stage gas valve (70% & 100% fire).

Controller: Factory supplied discharge air controller

Sequence: The unit supply fan and damper will operate upon an external contact closure and/or unit mounted On/Off disconnect switch. The two stage ductstat with 10 foot capillary tube will operate to maintain the user adjustable discharge air temperature setpoint. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG8 - ELECTRONIC MODULATION WITH DIAL ON AMPLIFIER

Option AG9 - MODULATING FROM DUCTSTAT (55° to 90°F):

Components: Fan contactor or starter, damper connections, smoke detector contacts, gas ignition control, modulating gas valve, gas valve signal conditioner (25% to 100% Fire), cooling contact lockout.

Controller: Discharge air controller with field installed duct mounted sensor.

Sequence: The supply fan will run whenever the user supplied contacts are closed. The associated damper will be allowed to operate, based upon a contact closure or 0-10V signal (see damper options). The gas control will modulate to maintain the user set discharge air setpoint. The heat will modulate from 25% to 100% with natural gas (40% to 100% with propane). The ignition control provides all necessary safeties. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG9H - ELECTRONIC MODULATION WITH REMOTE DIAL (High range to 130°F)

Option AG15 - TWO-STAGE CONTROL FROM DUCTSTAT (-30° to 130°F):

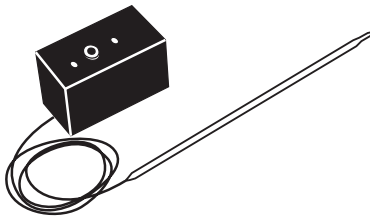
Option AG16 - TWO-STAGE CONTROL FROM DUCTSTAT (-30° to 130°F) [Same as AG15 with display]:

Components: Fan contactor or starter, damper connections, smoke detector contacts gas ignition control, two stage gas valve (70% & 100% fire).

Controller: Digital discharge air controller with setpoint knob, field installed, 24Vac power, 2 wire duct mount temperature sensor, proportion + integral control (PI).

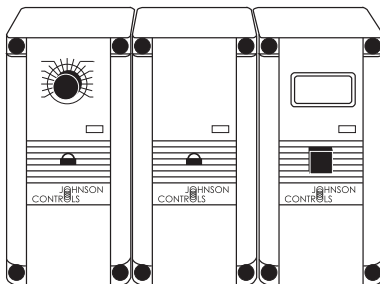
Sequence: The unit supply fan and damper will operate upon an external contact closure and/or unit mounted On/Off disconnect switch. The two stage digital PI controller with remote duct mounted sensor, will operate to maintain the user adjustable discharge air temperature setpoint. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Options AG3



Unit-Mounted Ductstat

Options AG15, AG16



A = Ductstat Temperature Module P/N 115848

B = Stage Adder Module, P/N 115849 (quantity varies - see Option description)

C = Digital Temperature Display Module, P/N 115852 (Option AG16)

MAKEUP AIR HEATING APPLICATIONS (cont'd)

Option AG40 - EXTERNAL CONTROLS WITH 4:1 GAS MODULATION:

Components: Fan contactor or starter, damper connections, smoke detector contacts, gas ignition control, modulating gas valve, gas valve signal conditioner (25 to 100% Fire), cooling contact lockout.

Controller: Customer supplied

Sequence: The supply fan will run whenever the user supplied contacts are closed. The associated damper will be allowed to operate, based upon a contact closure or 0-10V signal (see damper options). The gas control will operate, based upon a user contact closure and direct acting 0-10V input signal. The heat will modulate from 25% to 100% with natural gas (40% to 100% with propane). The ignition control provides all necessary safeties. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG58 - EXTERNAL CONTROLS WITH 8:1 GAS MODULATION:

Components: Fan contactor or starter, damper connections, smoke detector contacts, gas ignition control, modulating gas valve (12.5% to 100% fires), gas valve signal conditioner, cooling contact lockout.

Controller: Customer supplied

Sequence: The supply fan will run whenever the user supplied contacts are closed. The associated damper will be allowed to operate, based upon a contact closure or 0-10V signal (see damper options). The gas control will operate, based upon a user contact closure and direct acting 0-10V input signal. The heat will modulate from 12% to 100% with natural gas (17% to 100% with propane). The ignition control provides all necessary safeties. The ignition control provides indicator lights and lockouts for the following conditions: Ignition failure, flame loss, insufficient combustion air, limited low fire, weak flame signal, ignition board failure, max ignition failure shut down, primary temperature limit or blown fuse, modulation valve failure, air (venter) sensor failure, gas sensor failure, improper flame signal, invalid ID type. Ignition controller allows reading of gas pressure, air pressure, and all outputs.

Option AG60 TWO-STAGE CONTROL FROM DUCTSTAT (50° to 120°F):

Components: Fan contactor or starter, damper connections, smoke detector contacts, gas ignition control, two stage gas valve 33% & 100% with natural gas (40% & 100% with propane).

Controller: Factory supplied discharge air controller

Sequence: The unit supply fan and damper will operate upon an external contact closure and/or unit mounted On/Off disconnect switch. The two stage ductstat with 10 foot capillary tube will operate to maintain the user adjustable discharge air temperature setpoint. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

Option AG61 TWO-STAGE CONTROL FROM DUCTSTAT (-30° to 130°F):

Option AG62 TWO-STAGE CONTROL FROM DUCTSTAT (-30° to 130°F) [Same as AG61 with display]:

Components: Fan contactor or starter, damper connections, smoke detector contacts gas ignition control, two stage gas valve 33% and 100% with natural gas (40% & 100% with propane).

Controller: Digital discharge air controller with setpoint knob, temperature display module, field installed, 24Vac power, 2 wire duct mount temperature sensor, proportion + integral control.

Sequence: The unit supply fan and damper will operate upon an external contact closure and/or unit mounted On/Off disconnect switch. The two stage digital PI controller with remote duct mounted sensor, will operate to maintain the user adjustable discharge air temperature setpoint. The ignition control provides all necessary safeties and control. The ignition control provides indicator lights and lockouts for the following conditions: Ignition or flame loss, venter motor pressure switch failure, high temperature limit switch open, venter motor pressure switch failed ON, internal control failure or no power. The gas control is also interlocked with hinged access door contacts to prevent operation when door is open (Model SDH and SHH only).

THERMOSTATS & CONTROLS

Option EG1 - Single Stage thermostat control. The factory installed control terminals are: 24Vac power, 1 stage heat, fan and common connections. (R, W1, G, & C)

Option EG2 - Two Stage Heat/Cool Thermostat Control. 24Vac power, 2 stage heat, 2 stage cool, fan and common connections. (R, W1, W2, G, & C)

Option EG4 - Electric heat with SCR control. 0-10V input allowing for 0-100% capacity control. For space heating or makeup air.

Option BHB7: Lon DDC communication bus

Option BHB8: BacNet DDC communication bus

REZNOR®**HEATING AND HEATING/COOLING CONTROLS (cont'd)****FX06 SEQUENCE OF OPERATION***NOTE: Control Option D12-B, C, D or E is required with Dehumidification Option AU7L or AU7R***FX06****Programmable
Controller****General****Option D12B:** 4:1 Gas Modulation, 3 Stage Cooling (Models PDH, RDH & SDH only)**Option D12C:** 2 Stage Gas Control, 3 Stage Cooling (Models PDH, RDH, RHH, SDH & SHH only)**Option D12D:** SCR Control, 3 Stage Cooling (Models PEH & REH only)**Option D12E:** 2 Stage Electric Heat, 3 Stage Cooling (Models PEH & REH only)**Option D12G:** 8:1 Gas Modulation, 3 Stage Cooling (Models RHH & SHH, also RDH sizes 175 and larger)

When the unit is called to operate by external contact closure, time schedule or communication command, the main blower will start and run continuously in occupied mode. The unit operates based on four **Discharge Air Temperature Setpoints listed below.**

- Neutral air heating (default 70°F)
- Space heating (default 80°F)
- Neutral air cooling (default 70°F)
- Neutral air cooling (default 55°F)

All setpoints are accessible via the RC-06 control & RB2A display

The heating and cooling equipment will cycle to maintain the active discharge air temperature setpoint for occupied and unoccupied modes. Heating and cooling may be locked out of operation based upon outdoor air temperature and enthalpy conditions. If equipped with reheat, the control will also activate the dehumidification circuit to maintain a neutral discharge air temperature setpoint and related dewpoint based upon outdoor air and space conditions.

Time Clock:

An FX06 controller has a built-in real time clock. The unit will switch between occupied and unoccupied mode based upon a time of day schedule if activated. In addition, the unit can be commanded to occupied or unoccupied mode using the external dry contacts.

Occupied Mode:

Blower operation is continuous in occupied mode. If equipped with a 2-position damper, the outdoor air damper is electrically interlocked with the blower circuit. When the damper actuator opens to 80%, the blower is allowed to run. If power is lost, the mechanical spring will drive the damper closed.

Unoccupied Mode:

The blower cycles ON/OFF with a call for either heating or cooling from the space sensor. Once the space heating or cooling unoccupied setpoints are satisfied, the blower will continue to run for 60 seconds then shut OFF. During the Unoccupied Cycle the space temperature setpoints will increase/decrease by 9°F (user adjustable)

Unoccupied Override Mode:

If the space setpoint dial on the space sensor is turned during an unoccupied period, the air handling unit will operate in occupied mode for a period of four hours (adjustable 0-800 minutes).

Heating Mode:

When the unit is in heating mode, the unit will discharge air based upon the neutral air discharge heating setpoint point (Default = 70°F) or the room discharge air heating setpoint (Default = 80°F). When the space temperature is below the dial setpoint by 1.8°F, the unit will provide room discharge air temperature to maintain the dial setpoint temperature. The unit will remain in space heating mode until the space temperature is above the setpoint by 1.8°F. The unit provides "Neutral Air" temperatures when not in space heating or cooling modes. If the space sensor is not installed, the unit will operate to provide neutral air only.

Upon a call for heat, to maintain the active discharge air setpoint, the unit will cycle between 1-2 stages of heat and (if available) modulate the gas valve/SCR to maintain the discharge air temperature.

Cooling Mode:

When the unit is in cooling mode, the unit will discharge air based upon the neutral air cooling setpoint point (Default = 70°F) and the room discharge air cooling setpoint (Default = 55°F). When the space temperature is above the dial setpoint by 1.8°F, the unit will provide room discharge air temperature to maintain the dial setpoint temperature. The unit will remain in space cooling mode until the space temperature is below the dial setpoint by 1.8°F. The unit provides "Neutral Air" temperatures when not in space heating or cooling modes. If the space sensor is not installed, the unit will operate to provide neutral air only.

Upon a call for cooling mode to maintain the active discharge air setpoint, the unit will cycle between 1-3 stage of DX control to maintain the discharge air temperature. The anti-cycling program limits the availability of compressors and minimum on/off times.

Dehumidification:

Reheat control is enabled based on the outdoor dewpoint temperature setpoint (DP1). If the outside air dewpoint is above the setpoint (DP1 = 60°F), the reheat circuit will activate. The reheat circuit adds 12°F to 17°F to the discharge air temperature after it leaves the main evaporator coils of the unit. The cooling circuit will stage to maintain the active discharge air temperature setpoint. The reheat control output will be OFF based upon any of the following conditions:

- The space temperature sensor calls for the unit to provide space cooling.
- The unit is equipped with a space humidistat that can de-activate the reheat.
- Mechanical low and high limit temperature limit lockouts.



Option RB2A



Option CL67

R = Read
W = Write

AV = Analog Variable
BV = Binary Variable

Option D19 BACnet® Point List							
Analog Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
OA_Temp_Raw	Outside Air Temp	R	AV1	Deg F			
OA_Hum_Raw	Outside Air Humidity	R	AV2	%RH			
OA_Temp_BMS	Outside Air Temp BMS - Sets OA Temp when OA_Temp_Sel is set to 1=BMS	R/W	AV3	Deg F			
OA_Hum_BMS	Outside Air Humidity BMS -Sets OA Humidity when OA_Hum_Sel is set to 1=BMS	R/W	AV4	%RH			
OA_Dew_Point	Outside Air Dew Point	R	AV5	Deg F			
DA_Temp	Discharge Air Temp	R	AV6	Deg F			
CC_Temp	Cooling Coil Discharge Air Temp	R	AV7	Deg F			
MA_Temp	Mixed Air Temp	R	AV8	Deg F			
DA_SpcClg_SP	Discharge Air Temp Space Cooling SP	R/W	AV9	Deg F	55	50	100
DA_SpcHtg_SP	Discharge Air Temp Space Heating Sp	R/W	AV10	Deg F	90	50	140
DA_NAClg_SP	Discharge Air Temp Neutral Cooling SP	R/W	AV11	Deg F	75	50	100
DA_NAHtg_SP	Discharge Air Temp Neutral Heating SP	R/W	AV12	Deg F	65	50	140
OA_ChgOvr_SP	Outside Air Temp Auto Change Over SP	R/W	AV13	Deg F	65	45	80
DA_SP	Discharge Air Temp Active SP	R	AV14	Deg F			
DhOADP_SP	Dehum OA Dew Point SP	R/W	AV15	Deg F	58	50	100
Ec_OADPLO_SP	Economizer OA Dew Point Lockout SP	R/W	AV16	Deg F	58	0	120
Ec_OALO_SP	Economizer OA Temp Lockout SP	R/W	AV17	Deg F	60	0	120
MinDmprSP	Minimum Damper SP	R/W	AV18	%	10	0	100
CO2DmprOsSP	CO2 Minimum Damper Offset SP	R/W	AV19	%	10	0	100
Damper_BMS	Damper Output BMS Command	R/W	AV20	%		0	100
Damper_Cmd	Damper Output Command	R	AV21	%		0	100
SF_BMS	Supply Fan Output BMS Command	R/W	AV22	%		0	100
SF_VFD_Cmd	Supply Fan VFD Command	R	AV23	%		0	100
HX_Mod_Cmd	Heating Modulation Command	R	AV24	%		0	100
RH_Mod_Out	Reheat Modulation Output %	R	AV25	%		0	100
Integer Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
Bldg_Press_SP*	Building Static Pressure SP	R/W	AV1001	iwc	100	-500	500
Bldg_Pressure*	Building Static Pressure	R	AV1002	iwc			
Duct_Press_SP*	Duct Static Pressure SP	R/W	AV1003	iwc	500	0	2500
Duct_Pressure*	Duct Static Pressure	R	AV1004	iwc			
SpcCO2SP	Space CO2 SP	R/W	AV1005	ppm	1,000	0	2,000
Spc_CO2	Space CO2	R	AV1006	ppm			

*Note: Divide by 1000 with the supervisory system to reflect the appropriate decimal precision.

Option D19 Points List

Digital Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
Unit_Enable	Unit Enable	R/W	BV1		Off	Off	On
Ext_OCC	Occupied Mode Input	R	BV2			Off	On
Ext_Call_Fan	External Fan Call Input (G)	R	BV3			Off	On
Ext_Call_Heat	External Heat Call Input (W1)	R	BV4			Off	On
Ext_Call_Cool	External Cool Call Input (Y1)	R	BV5			Off	On
Ext_Call_Dh	External Call Dehum Input	R	BV6			Off	On
NA_Clg_Md	Neutral Air Cooling Mode	R	BV7			Off	On
NA_Htg_Md	Neutral Air Heating Mode	R	BV8			Off	On
NA_DeHum_Md	Neutral Air Dehum Mode	R	BV9			Off	On
Spc_Clg_Md	Space Cooling Mode	R	BV10			Off	On
Spc_Htg_Md	Space Heating Mode	R	BV11			Off	On
Spc_DeHum_Md	Space Dehum Mode	R	BV12			Off	On
SF_Cmd	Supply Fan Command	R	BV13			Off	On
Comp_Stg1_Cmd	Compressor Stage 1 Command	R	BV14			Off	On
Comp_Stg2_Cmd	Compressor Stage 2 Command	R	BV15			Off	On
Comp_Stg3_Cmd	Compressor Stage 3 Command	R	BV16			Off	On
HX_Stg1_Cmd	Heating Stage 1 Command	R	BV17			Off	On
HX_Stg2_Cmd	Heating Stage 2 Command	R	BV18			Off	On
HX_Stg3_Cmd	Heating Stage 3 Command	R	BV19			Off	On
HX_Stg4_Cmd	Heating Stage 4 Command	R	BV20			Off	On
HX_Stg5_Cmd	Heating Stage 5 Command	R	BV21			Off	On
HX_Stg6_Cmd	Heating Stage 6 Command	R	BV22			Off	On
RH_Cmd	Reheat Compressor Command	R	BV23			Off	On
Alm_Rly_Cmd	Unit General Alarm Relay Command	R	BV24			Off	On
SF_Sts	Supply Fan Status	R	BV25			Off	On
Filter_Sts	Dirty Filter Status	R	BV26			Off	On
Safety_Sts	Safety Input Status	R	BV27			Normal	Alarm
Phase_Alarm	Phase Protection Alarm	R	BV28			Off	On
Ext_Switch_1	External Damper Position Sw 1	R	BV29			Off	On
Ext_Switch_2	External Damper Position Sw 2	R	BV30			Off	On
OA_Temp_Sel	Share OA Temp from BMS (0=Probe 1=BMS)	R/W	BV31		Off	Off	On
OA_Hum_Sel	Share OA Humidity from BMS (0=Probe 1=BMS)	R/W	BV32		Off	Off	On
BMS_Alm_Rst	BMS Alarm Reset	R/W	BV33		Off	Off	On

Lon Points List

Option D19 Lon Point List										
Analog Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
OA_Temp_Raw	Outside Air Temp	R	1	nvoOA_Temp_Raw		SNVT_temp_p	Deg F/C			
OA_Hum_Raw	Outside Air Humidity	R	2	nvoOA_Hum_Raw		SNVT_lev_percent	%rH			
OA_Temp_BMS	Outside Air Temp BMS - Sets OA Temp when OA_Temp_Sel is set to 1=BMS	R/W	3	nviOA_Temp_BMS		SNVT_temp_p	Deg F/C			
OA_Hum_BMS ¹	Outside Air Humidity BMS - Sets OA Humidity when OA_Hum_Sel is set to 1=BMS	R/W	4	nviOA_Hum_BMS		SNVT_lev_percent	%rH			
OA_Dew_Point	Outside Air Dew Point	R	5	nvoOA_Dew_Point		SNVT_temp_p	Deg F/C			
DA_Temp	Discharge Air Temp	R	6	nvoDA_Temp		SNVT_temp_p	Deg F			
CC_Temp	Cooling Coil Discharge Air Temp	R	7	nvoCC_Temp		SNVT_temp_p	Deg F/C			
MA_Temp	Mixed Air Temp	R	8	nvoMA_Temp		SNVT_temp_p	Deg F/C			
DA_SpcClg_SP	Discharge Air Temp Space Cooling SP	R/W	9	nviDA_SpcClg_SP		SNVT_temp_p	Deg F/C	55/12.7	50/10	100/37.7
DA_Spchtg_SP	Discharge Air Temp Space Heating SP	R/W	10	nviDA_Spchtg_SP		SNVT_temp_p	Deg F/C	90/32.2	50/10	140/60
DA_NAClg_SP	Discharge Air Temp Neutral Cooling SP	R/W	11	nviDA_NAClg_SP		SNVT_temp_p	Deg F/C	75/23.9	50/10	100/37.7
DA_NAhtg_SP	Discharge Air Temp Neutral Heating SP	R/W	12	nviDA_NAhtg_SP		SNVT_temp_p	Deg F/C	65/18.3	50/10	140/60
OA_ChgOvr_SP	Outside Air Temp Auto Change Over SP	R/W	13	nviOA_ChgOvr_SP		SNVT_temp_p	Deg F/C	65/18.3	45/7.2	80/26.6
DA_SP	Discharge Air Temp Active SP	R	14	nvoDA_SP		SNVT_temp_p	Deg F/C			
DhOADP_SP	Dehum OA Dew Point SP	R/W	15	nviDhOADP_SP		SNVT_temp_p	Deg F/C	58/14.4	50/10	100/37.7
Ec_OADPLO_SP	Economizer OA Dew Point Lockout SP	R/W	16	nviEc_OADPLO_SP		SNVT_temp_p	Deg F/C	58/14.4	0	120/48.8
Ec_OALO_SP	Economizer OA Temp Lockout SP	R/W	17	nviEc_OALO_SP		SNVT_temp_p	Deg F/C	60/15.5	0	120/48.8
MinDmprSP	Minimum Damper SP	R/W	18	nviMinDmprSP		SNVT_lev_percent	%	10	0	100
CO2DmprOsSP	CO2 Minimum Damper Offset SP	R/W	19	nviCO2DmprOsSP		SNVT_lev_percent	%	10	0	100
Damper_BMS ³	Damper Output BMS Command	R/W	20	nviDamper_BMS		SNVT_lev_percent	%		0	100
Damper_Cmd	Damper Output Command	R	21	nvoDamper_Cmd		SNVT_lev_percent	%		0	100
SF_BMS ²	Supply Fan Output BMS Command	R/W	22	nviSF_BMS		SNVT_lev_percent	%		0	100
SF_VFD_Cmd	Supply Fan VFD Command	R	23	nvoSF_VFD_Cmd		SNVT_lev_percent	%		0	100
HX_Mod_Cmd	Heating Modulation Command	R	24	nvoHX_Mod_Cmd		SNVT_lev_percent	%		0	100
RH_Mod_Out	Reheat Modulation Output %	R	25	nvoRH_Mod_Out		SNVT_lev_percent	%		0	100

Note 1: Divide the BMS humidity value by 20 before writing to the OA_Hum_BMS variable (scale 1=20%).
Note 2: Divide the BMS Supply Fan value by 20 before writing to the SF_BMS variable (scale 1=20%)
Note 3: Divide the BMS Damper value by 20 before writing to the Damper_BMS variable (scale 1=20%)

Lon Points List (cont'd)

Integer Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Bldg_Press_SP	Building Static Pressure SP	R/W	1	nviBldg_Press_SP		SNVT_press_p	Pa	24.9	-124	124
<i>Bldg_Pressure</i>	Building Static Pressure	R	2	nvoBldg_Pressure		SNVT_press_p	Pa			
Duct_Press_SP	Duct Static Pressure SP	R/W	3	nviDuct_Press_SP		SNVT_press_p	Pa	124	0	622
<i>Duct_Pressure</i>	Duct Static Pressure	R	4	nvoDuct_Pressure		SNVT_press_p	Pa			
<i>SpcCO2SP</i>	Space CO2 SP	R/W	5	nviSpcCO2SP		SNVT_ppm	ppm	1000	0	2000
<i>Spc_CO2</i>	Space CO2	R	6	nvoSpc_CO2		SNVT_ppm	ppm			
Digital Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Unit_Enable	Unit Enable	R/W	1	nviUnit_Enable		SNVT_switch		Off	Off	On
OA_Temp_Sel	Share OA Temp from BMS (0=Probe 1=BMS)	R/W	31	nviOA_Temp_Sel		SNVT_switch		Off	Off	On
OA_Hum_Sel	Share OA Humidity from BMS (0=Probe 1=BMS)	R/W	32	nviOA_Hum_Sel		SNVT_switch		Off	Off	On
Digital Outputs										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Alm_Rly_Cmd	Unit General Alarm Relay Command	R		nvoDoStat1	0	SNVT_state			Off	On
Comp_Stg1_Cmd	Compressor Stage 1 Command	R		nvoDoStat1	1	SNVT_state			Off	On
Comp_Stg2_Cmd	Compressor Stage 2 Command	R		nvoDoStat1	2	SNVT_state			Off	On
Comp_Stg3_Cmd	Compressor Stage 3 Command	R		nvoDoStat1	3	SNVT_state			Off	On
HX_Stg1_Cmd	Heating Stage 1 Command	R		nvoDoStat1	4	SNVT_state			Off	On
HX_Stg2_Cmd	Heating Stage 2 Command	R		nvoDoStat1	5	SNVT_state			Off	On
HX_Stg3_Cmd	Heating Stage 3 Command	R		nvoDoStat1	6	SNVT_state			Off	On
HX_Stg4_Cmd	Heating Stage 4 Command	R		nvoDoStat1	7	SNVT_state			Off	On
HX_Stg5_Cmd	Heating Stage 5 Command	R		nvoDoStat1	8	SNVT_state			Off	On
HX_Stg6_Cmd	Heating Stage 6 Command	R		nvoDoStat1	9	SNVT_state			Off	On
RH_Cmd	Reheat Compressor Command	R		nvoDoStat1	10	SNVT_state			Off	On
SF_Cmd	Supply Fan Command	R		nvoDoStat1	11	SNVT_state			Off	On
Digital Inputs										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Ext_OCC	Occupied Mode Input	R		nvoDiStat1	0	SNVT_state			Off	On
Ext_Call_Fan	External Fan Call Input (G)	R		nvoDiStat1	1	SNVT_state			Off	On
Ext_Call_Heat	External Heat Call Input (W1)	R		nvoDiStat1	2	SNVT_state			Off	On
Ext_Call_Cool	External Cool Call Input (Y1)	R		nvoDiStat1	3	SNVT_state			Off	On
Ext_Call_Dh	External Dehum Call Input	R		nvoDiStat1	4	SNVT_state			Off	On
Digital Inputs										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Ext_OCC	Occupied Mode Input	R		nvoDiStat2	0	SNVT_state			Off	On
Ext_Switch_1	External Damper Position Sw 1	R		nvoDiStat2	1	SNVT_state			Off	On
Ext_Switch_2	External Damper Position Sw 2	R		nvoDiStat2	2	SNVT_state			Off	On
Phase_Alarm	Phase Protection Alarm	R		nvoDiStat2	3	SNVT_state			Off	On
Safety_Sts	Safety Input Status	R		nvoDiStat2	4	SNVT_state			Normal	Alarm
SF_Sts	Supply Fan Status	R		nvoDiStat2	5	SNVT_state			Off	On
Filter_Sts	Dirty Filter Status	R		nvoDiStat2	6	SNVT_state			Off	On
Unit Modes										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
NA_Clg_Md	Neutral Air Cooling Mode	R		nvoMdStat1	0	SNVT_state			Off	On
NA_DeHum_Md	Neutral Air Dehum Mode	R		nvoMdStat1	1	SNVT_state			Off	On
NA_Htg_Md	Neutral Air Heating Mode	R		nvoMdStat1	2	SNVT_state			Off	On
Spc_Clg_Md	Space Cooling Mode	R		nvoMdStat1	3	SNVT_state			Off	On
Spc_DeHum_Md	Space Dehum Mode	R		nvoMdStat1	4	SNVT_state			Off	On
Spc_Htg_Md	Space Heating Mode	R		nvoMdStat1	5	SNVT_state			Off	On

Option D21 Points List

BACnet® MSTP Points List

R = Read
W = Write

AV = Analog Variable
BV = Binary Variable

Option D21 BACnet® Point List							
Analog Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
OA_Temp_Raw	Outside Air Temp	R	AV1	Deg F			
OA_Hum_Raw	Outside Air Humidity	R	AV2	%rH			
OA_Temp_BMS	Outside Air Temp BMS - Sets OA Temp when OA_Temp_Sel is set to 1=BMS	R/W	AV3	Deg F			
OA_Hum_BMS	Outside Air Humidity BMS -Sets OA Humidity when OA_Hum_Sel is set to 1=BMS	R/W	AV4	%rH			
OA_Dew_Point	Outside Air Dew Point	R	AV5	Deg F			
DA_Temp	Discharge Air Temp	R	AV6	Deg F			
CC_Temp	Cooling Coil Discharge Air Temp	R	AV7	Deg F			
MA_Temp	Mixed Air Temp	R	AV8	Deg F			
DA_SpcClg_SP	Discharge Air Temp Space Cooling SP	R/W	AV9	Deg F	55	50	100
DA_SpcHtg_SP	Discharge Air Temp Space Heating Sp	R/W	AV10	Deg F	90	50	140
DA_NAClg_SP	Discharge Air Temp Neutral Cooling SP	R/W	AV11	Deg F	70	50	100
DA_NAHtg_SP	Discharge Air Temp Neutral Heating SP	R/W	AV12	Deg F	70	50	140
DA_SpcHtCl_SP	Discharge Air Temp Space Heat Mode Cooling SP	R/W	AV13	Deg F	55	50	100
DA_SP	Discharge Air Temp Active SP	R	AV14	Deg F			
SpcTempSP	Space Temp SP	R/W	AV15	Deg F	72	65	85
SpcEffClgSP	Space Effective Cooling SP	R	AV16	Deg F			
SpcEffHtgSP	Space Effective Heating SP	R	AV17	Deg F			
Spc_Temp	Space Temp	R	AV18	Deg F			
OACHgOv_SP	OA Change Over SP	R/W	AV19	Deg F	65	45	80
DhOADP_SP	Dehum OA Dew Point SP	R/W	AV20	Deg F	58	50	100
Damper_BMS	Damper Output BMS Command	R/W	AV21	%		0	100
Damper_Cmd	Damper Output Command	R	AV22	%		0	100
SF_BMS	Supply Fan Output BMS Command	R/W	AV23	%		0	100
SF_VFD_Cmd	Supply Fan VFD Command	R	AV24	%		0	100
HX_Mod_Cmd	Heating Modulation Command	R	AV25	%		0	100
RH_Mod_Out	Reheat Modulation Output %	R	AV26	%		0	100
Integer Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
Bldg_Press_SP*	Building Static Pressure SP	R/W	AV1001	iwc	100	-500	500
Bldg_Pressure*	Building Static Pressure	R	AV1002	iwc			
Duct_Press_SP*	Duct Static Pressure SP	R/W	AV1003	iwc	500	0	2500
Duct_Pressure*	Duct Static Pressure	R	AV1004	iwc			
SpcCO2SP	Space CO2 SP	R/W	AV1005	ppm	1,000	0	2,000
Spc_CO2	Space CO2	R	AV1006	ppm			
SpcHumSP	Space Humidity SP	R/W	AV1007	%rH	55	35	75
Spc_Hum	Space Humidity	R	AV1008	%rH			
OccMode_Sel	Occ Mode Select 0= Schedule 1= Digital Input 2= BMS	R/W	AV1009		1	0	2
State_Sel	State Select 2=AUTO 3=COOL 4=HEAT 5=OFF	R/W	AV1010		5	2	5

REZNOR® COMMUNICATION CARDS (cont'd)

BACnet® MSTP Points List (cont'd)

Option D21 Points List

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

*Note: Divide by 1000 with the supervisory system to reflect the appropriate decimal precision.

Digital Variables							
Name	Description	R/W	BMS Address	Unit	Default	Min	Max
Ext_OCC	Occupied Mode Input	R	BV1			Off	On
NA_Clg_Md	Neutral Air Cooling Mode	R	BV2			Off	On
NA_Htg_Md	Neutral Air Heating Mode	R	BV3			Off	On
NA_DeHum_Md	Neutral Air Dehum Mode	R	BV4			Off	On
SpC_Clg_Md	Space Cooling Mode	R	BV5			Off	On
SpC_Htg_Md	Space Heating Mode	R	BV6			Off	On
SpC_DeHum_Md	Space Dehum Mode	R	BV7			Off	On
SpC_HtgClg_Md	Space Heating Cooling Mode	R	BV8			Off	On
SF_Cmd	Supply Fan Command	R	BV9			Off	On
Comp_Stg1_Cmd	Compressor Stage 1 Command	R	BV10			Off	On
Comp_Stg2_Cmd	Compressor Stage 2 Command	R	BV11			Off	On
Comp_Stg3_Cmd	Compressor Stage 3 Command	R	BV12			Off	On
HX_Stg1_Cmd	Heating Stage 1 Command	R	BV13			Off	On
HX_Stg2_Cmd	Heating Stage 2 Command	R	BV14			Off	On
HX_Stg3_Cmd	Heating Stage 3 Command	R	BV15			Off	On
HX_Stg4_Cmd	Heating Stage 4 Command	R	BV16			Off	On
HX_Stg5_Cmd	Heating Stage 5 Command	R	BV17			Off	On
HX_Stg6_Cmd	Heating Stage 6 Command	R	BV18			Off	On
RH_Cmd	Reheat Compressor Command	R	BV19			Off	On
Alm_Rly_Cmd	Unit General Alarm Relay Command	R	BV20			Off	On
SF_Sts	Supply Fan Status	R	BV21			Off	On
Filter_Sts	Dirty Filter Status	R	BV22			Off	On
Safety_Sts	Safety Input Status	R	BV23			Normal	Alarm
Phase_Alarm	Phase Protection Alarm	R	BV24			Off	On
Ext_Switch_1	External Damper Position Sw 1	R	BV25			Off	On
Ext_Switch_2	External Damper Position Sw 2	R	BV26			Off	On
OA_Temp_Sel	Share OA Temp from BMS (0=Probe 1=BMS)	R/W	BV27		Off	Off	On
OA_Hum_Sel	Share OA Humidity from BMS (0=Probe 1=BMS)	R/W	BV28		Off	Off	On
Occupied	Occupied Mode Status	R	BV29			Off	On
Occupied_BMS	Occupied Mode BMS - Sets Unit Occupancy when OccMode_Sel is set to 2=BMS	R/W	BV30		Off	Off	On
BMS_Alm_Rst	BMS Alarm Reset	R/W	BV31		Off	Off	On

Lon Points List

Option D21 Lon Point List										
Analog Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
OA_Temp_Raw	Outside Air Temp	R	1	nvoOA_Temp_Raw		SNVT_temp_p	Deg F/C			
OA_Hum_Raw	Outside Air Humidity	R	2	nvoOA_Hum_Raw		SNVT_lev_percent	%rH			
OA_Temp_BMS	Outside Air Temp BMS - Sets OA Temp when OA_Temp_Sel is set to 1=BMS	R/W	3	nviOA_Temp_BMS		SNVT_temp_p	Deg F/C			
OA_Hum_BMS ¹	Outside Air Humidity BMS -Sets OA Humidity when OA_Hum_Sel is set to 1=BMS	R/W	4	nviOA_Hum_BMS		SNVT_lev_percent	%rH			
OA_Dew_Point	Outside Air Dew Point	R	5	nvoOA_Dew_Point		SNVT_temp_p	Deg F/C			
DA_Temp	Discharge Air Temp	R	6	nvoDA_Temp		SNVT_temp_p	Deg F			
CC_Temp	Cooling Coil Discharge Air Temp	R	7	nvoCC_Temp		SNVT_temp_p	Deg F/C			
MA_Temp	Mixed Air Temp	R	8	nvoMA_Temp		SNVT_temp_p	Deg F/C			
DA_SpcClg_SP	Discharge Air Temp Space Cooling SP	R/W	9	nviDA_SpcClg_SP		SNVT_temp_p	Deg F/C	55/12.7	50/10	100/37.7
DA_SpcHtg_SP	Discharge Air Temp Space Heating Sp	R/W	10	nviDA_SpcHtg_SP		SNVT_temp_p	Deg F/C	90/32.2	50/10	140/60
DA_NAClg_SP	Discharge Air Temp Neutral Cooling SP	R/W	11	nviDA_NAClg_SP		SNVT_temp_p	Deg F/C	70/21.1	50/10	100/37.7
DA_NAHtg_SP	Discharge Air Temp Neutral Heating SP	R/W	12	nviDA_NAHtg_SP		SNVT_temp_p	Deg F/C	70/21.1	50/10	140/60
DA_SpcHtCl_SP	Discharge Air Temp Space Heat Mode Cooling SP	R/W	13	nviDA_SpcHtCl_SP		SNVT_temp_p	Deg F/C	55/12.7	50/10	100/37.7
DA_SP	Discharge Air Temp Active SP	R	14	nvoDA_SP		SNVT_temp_p	Deg F/C			
SpcTempSP	Space Temp SP	R/W	15	nviSpcTempSP		SNVT_temp_p	Deg F/C	72/22.2	65/18.3	85/29.4
SpcEffClgSP	Space Effective Cooling SP	R	16	nvoSpcEffClgSP		SNVT_temp_p	Deg F/C			
SpcEffHtgSP	Space Effective Heating SP	R	17	nvoSpcEffHtgSP		SNVT_temp_p	Deg F/C			
Spc_Temp	Space Temp	R	18	nvoSpc_Temp		SNVT_temp_p	Deg F/C			
OAChgOv_SP	OA Change Over SP	R/W	19	nviOAChgOv_SP		SNVT_temp_p	Deg F/C	65/18.3	45/7.2	80/26.6
DhOADP_SP	Dehum OA Dew Point SP	R/W	20	nviDhOADP_SP		SNVT_temp_p	Deg F/C	58/14.4	50/10	100/37.7
Damper_BMS ⁵	Damper Output BMS Command	R/W	21	nviDamper_BMS		SNVT_lev_percent	%		0	100
Damper_Cmd	Damper Output Command	R	22	nvoDamper_Cmd		SNVT_lev_percent	%		0	100
SF_BMS ⁴	Supply Fan Output BMS	R/W	23	nviSF_BMS		SNVT_lev_percent	%		0	100
SF_VFD_Cmd	Supply Fan VFD Command	R	24	nvoSF_VFD_Cmd		SNVT_lev_percent	%		0	100
HX_Mod_Cmd	Heating Modulation Command	R	25	nvoHX_Mod_Cmd		SNVT_lev_percent	%		0	100
RH_Mod_Out	Reheat Modulation Output %	R	26	nvoRH_Mod_Out		SNVT_lev_percent	%		0	100



COMMUNICATION CARDS (cont'd)

Option D21 Points List

Lon Points List (cont'd)

Integer Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Bldg_Press_SP	Building Static Pressure SP	R/W	1	nviBldg_Press_SP		SNVT_press_p	Pa	24.9	-124	124
Bldg_Pressure	Building Static Pressure	R	2	nvoBldg_Pressure		SNVT_press_p	Pa			
Duct_Press_SP	Duct Static Pressure SP	R/W	3	nviDuct_Press_SP		SNVT_press_p	Pa	124	0	622
Duct_Pressure	Duct Static Pressure	R	4	nvoDuct_Pressure		SNVT_press_p	Pa			
SpcCO2SP	Space CO2 SP	R/W	5	nviSpcCO2SP		SNVT_ppm	ppm	1,000		
Spc_CO2	Space CO2	R	6	nvoSpc_CO2		SNVT_ppm	ppm			
SpcHumSP ³	Space Humidity SP	R/W	7	nviSpcHumSP		SNVT_lev_percent	%rH	55	35	75
Spc_Hum ²	Space Humidity	R	8	nvoSpc_Hum		SNVT_lev_percent	%rH			
OccMode_Sel	Occ Mode Select 0= Schedule 1= Digital Input 2= BMS	R	9	nvoOccMode_Sel		SNVT_count		1	0	2
State_Sel	State Select 2=AUTO 3=COOL 4=HEAT 5=OFF	R/W	10	nviState_Sel		SNVT_count		5	2	5
<p>Note 1: Divide the BMS humidity value by 20 before writing to the OA_Hum_BMS variable (scale 1=20%).</p> <p>Note 2: Multiply the Spc_Humidity value by 10 (scale 1=10%).</p> <p>Note 3: Divide the desired space humidity set point value by 10 before writing to the SpcHumSP variable (scale 1=10%).</p> <p>Note 4: Divide the BMS Supply Fan value by 20 before writing to the SF_BMS variable (scale 1=20%).</p> <p>Note 5: Divide the BMS Damper value by 20 before writing to the Damper_BMS variable (scale 1=20%).</p>										
Digital Variables										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
OA_Temp_Sel	Share OA Temp from BMS (0=Probe 1=BMS)	R/W	27	nviOA_Temp_Sel		SNVT_switch		Off	Off	On
OA_Hum_Sel	Share OA Humidity from BMS (0=Probe 1=BMS)	R/W	28	nviOA_Hum_Sel		SNVT_switch		Off	Off	On
Occupied	Occupied Mode Status	R	29	nvoOccupied		SNVT_switch			Off	On
Occupied_BMS	Occupied Mode BMS - Sets Unit Occupancy when OccMode_Sel is set to 2=BMS	R/W	30	nviOccupied_BMS		SNVT_switch		Off	Off	On
Digital Outputs										
Name	Description	R/W	Index	Name NV	Bit#	TypeNV	Unit	Default	Min	Max
Alm_Rly_Cmd	Unit General Alarm Relay Command	R		nvoDoStat1	0	SNVT_state			Off	On
Comp_Stg1_Cmd	Compressor Stage 1 Command	R		nvoDoStat1	1	SNVT_state			Off	On
Comp_Stg2_Cmd	Compressor Stage 2 Command	R		nvoDoStat1	2	SNVT_state			Off	On
Comp_Stg3_Cmd	Compressor Stage 3 Command	R		nvoDoStat1	3	SNVT_state			Off	On
HX_Stg1_Cmd	Heating Stage 1 Command	R		nvoDoStat1	4	SNVT_state			Off	On
HX_Stg2_Cmd	Heating Stage 2 Command	R		nvoDoStat1	5	SNVT_state			Off	On
HX_Stg3_Cmd	Heating Stage 3 Command	R		nvoDoStat1	6	SNVT_state			Off	On
HX_Stg4_Cmd	Heating Stage 4 Command	R		nvoDoStat1	7	SNVT_state			Off	On
HX_Stg5_Cmd	Heating Stage 5 Command	R		nvoDoStat1	8	SNVT_state			Off	On
HX_Stg6_Cmd	Heating Stage 6 Command	R		nvoDoStat1	9	SNVT_state			Off	On
RH_Cmd	Reheat Compressor Command	R		nvoDoStat1	10	SNVT_state			Off	On
SF_Cmd	Supply Fan Command	R		nvoDoStat1	11	SNVT_state			Off	On

REZNOR®

COOLING COIL MODULE WITH DX OR CHILLED WATER COIL

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

Description

PREEVA units have a wide selection of factory installed custom designed DX and Chilled Water coils tailor made to the application, from 100% outside air in severe climates to 100% return air in mild climates. Coil application is designed by Reznor Software such as RezQuote™ or RezPro® Toolbox. The performance data is in compliance with ARI Standard 410. Design/Performance Data Sheets are generated by the software or are available from your Reznor Representative by submitting the Request Form found later in this catalog.

The double wall insulated draw-through coil cabinet is factory assembled to the system blower cabinet. Both DX and Chilled Water Coil cabinets are available. Both sides of the cooling coil section have easily removable door panels for routine coil inspection and cleaning. The removable stainless steel drain pan has an exterior 1" NPT connection.

- Reznor Coil Selection Software is downloadable from ReznorHVAC.com

Primary considerations are:

- 1) Sizing the PREEVA unit to meet both heating and cooling requirements.
- 2) Deciding on condenser capacity and staging.
- 3) Specifying cooling controls

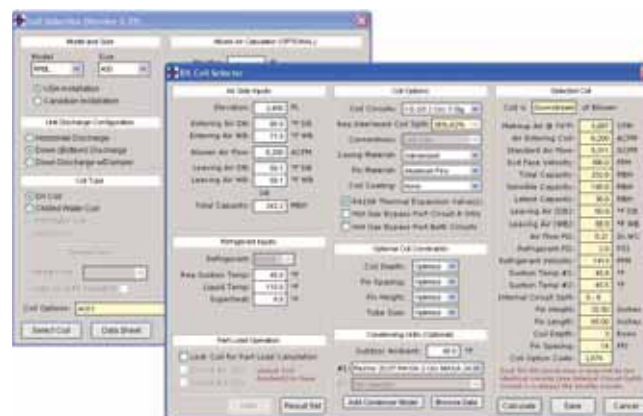
Approximate cooling airflow ranges and capacity ranges (sea level at 45° suction and 45° chilled water) are shown in the DX and Chilled Water Performance Range Tables. Somewhat higher or lower capacities will result from changes in elevation, operating temperatures, flow rates, etc.

Cooling Coil Module Options

DX Coil and dH Coil Circuiting	Single Circuit
	50-50 Dual Circuit
	1/3 - 2/3 Split Circuit
Coil Casing	Galvanized Steel
	Stainless Steel
Refrigerant Options	R22, R134a, R407c, R410a
Filters	2", or 4" Pleated
Coil Material	Copper Tube with Aluminum Fins
	Copper Tube with Copper Fins
Coil Coating	ElectroFin™ Polymeric Coating
Cabinet	Double wall w/ insulation
	Double wall with high density insulation

ElectroFin™ is a registered trademark of AST ElectroFin, Inc.

NOTE: To select the correct coil, you (or your Reznor Representative) must run the Reznor Coil Selection Software Program.



The Reznor Coil Selection Software (DX selection, shown above) that is part of RezQuote™ and RezPro® Toolbox packages will optimally design heating and cooling coils for your specific application for all Reznor models utilizing custom coils.

Exact design and performance are shown on coil data sheets output by Reznor coil selection software. You may request or download a copy of the software or submit the coil request form (found at the end of this section on cooling) to your Reznor Representative, who can then provide you with a detailed coil run.

DX Coil Controls and Circuits

DX coils are available for one, two, or three stage operation. Two or three stage operation is generally recommended for makeup air, where the load on the coil may vary considerably. PREEVA digital control option D19 and D21 are ideally suited to sense makeup air discharge temperature and provide two or three stages of capacity, as required. Up to 3:1 cooling turndown makes hot gas bypass unnecessary or keeps hot gas bypass operation to a minimum.

Two stage DX cooling operation is accomplished by two equal capacity interlaced coil circuits for connection to a two stage condensing unit or two equal capacity single stage condensers. Three stage operation is accomplished by two unequal interlaced circuits, with approximately 1/3 of the coil tubes on the first circuit and 2/3 of the coil tubes on the second. Two condensing units of unequal capacity are used – one 5 ton and one 10 ton for example. The first circuit is connected to the smaller condenser and the second to the larger. The 3 stage digital cooling control system in the PREEVA will activate the first condenser on first stage. On second stage, the first condenser is deactivated and the larger second condenser is activated. On third stage, both condensers are activated. The three-stage digital cooling control and thermostat (Option D19 or D21) in the PREEVA actually makes 3 separate staging relays, so other logics are configurable. TXVs, liquid line solenoids, any desired hot gas bypass valves, and condensing units are provided by others. Alternate analog heating controls are available for cooling controls by others or heating/cooling by room thermostat only. Call your Reznor Representative for special requirements.

Coil Design – DX Coils

Individual coils are custom designed and internally circuited by Reznor coil selection/design software to optimize for the exact conditions specified. Variables are:

External Circuiting: Single (one stage), Dual 50-50 (2 stage), Dual 1/3-2/3 (3 stage)

- Refrigerants: R410a
- Rows: 2, 3, 4, or 6
- Fins per Inch: 8, 10, 12, or 14
- Tube OD: 1/2" (standard) or 3/8" (low load)
- Fin Height: 20", 22.5", or 25" (75 to 150 sizes)
30", 32.5", or 35" (175 to 400A sizes)

Internal Circuiting: The number of internal coil circuits is thermodynamically optimized, but circuits may be increased to decrease refrigerant pressure drop or decreased to increase refrigerant velocity. Refrigerant velocity should be above 1000 fpm and refrigerant pressure drop should be less than 8 psi. When coil loads are light and refrigerant velocity would be less than 1100 fpm with 1/2" tube, 3/8" tube is used to improve refrigerant velocity. Note that higher refrigerant velocities are available with 20", 25", 30" and 35" height coils and lower refrigerant pressure drop with optimal thermodynamic efficiency are available with 22.5" and 32.5" height coils (due to internal circuiting). In general, preference is given to coils having the lowest air pressure drop, which favors taller fin heights.

Coil Design - Chilled Water Coils

Individual coils are custom designed and internally circuited by Reznor coil selection/design software to optimize for the exact conditions specified. Variables are:

- Refrigerants: Water, Ethylene Glycol(%), or Propylene Glycol(%)
- Rows: 4 or 6
- Fins per Inch: 6, 8, 10, 12, or 14
- Tube OD: 1/2"
- Fin Height: 25" (75 to 150 sizes) or 35" (175 to 400A sizes)
- Internal Circuiting: Quarter, Half, Three Quarter, or Single serpentine

Quarter circuit coils are used for low flow rates and have high pressure drops. Full circuit coils are for high flow rates and have low pressure drops. Half and Three Quarter circuit coils are in between. The best circuiting for a given application can be optimized based on flow rate, pressure drop and output requirements.

Chilled water coil performance is significantly diminished by glycol, higher percentages causing lower performance. The unit size/coil face may have to be increased to achieve adequate cooling performance with glycol in some cases. See approximate derates in the table below:

Chilled Water Coil Output Derate (from pure water) for Glycol						
Glycol Type	% Glycol by Wt	12%	20%	28%	36%	40%
Ethylene	Derate	2.7%	4.2%	6.4%	10.1%	11.7%
	Freezing Point °F	24.7	17.9	9.2	-1.5	-8.1
Propylene	Derate	3.9%	7.0%	13.6%	22.9%	28.2%
	Freezing Point °F	24.9	19.2	2.2	0.8	-6.0



R410 DX & CHILLED WATER PERFORMANCE TABLES

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

DX Coil Performance Range Table R-410a @ 45° F Sat Suction, Sea Level															
PEH, REH Cabinet Size	PDH, RDH, SDH Size	RHH, SHH Size	PXH, RXH Size	Entering Air DB/ WB °F	Fin Height (in.)	Cooling Airflow (scfm)	Face Vel (sfpm)	2 Row, 8 Fin (minimum)				6 Row, 14 Fin (maximum)			
								Total/Sens MBH	Leaving DB/WB °F	APD (in. WC)	Coil Wt (lbs)	Total/Sens MBH	Leaving DB/WB °F	APD (in. WC)	Coil Wt (lbs)
A	75, 100	-	000A	80/67	20	833	250	19 / 14	64.6 / 60.4	0.06	36	39 / 26	51.2 / 51.2	0.32	73
								30 / 26	68.5 / 62.9	0.20	42	88 / 60	53.4 / 53.4	0.74	93
B	125, 150	-	000B	80/67	20	1181	250	25 / 19	64.9 / 60.6	0.06	43	60 / 39	49.7 / 49.7	0.25	100
								40 / 36	68.7 / 63.0	0.19	51	121 / 84	53.8 / 53.8	0.74	120
C	175, 200, 225	130C, 180C	000C	80/67	30	1250	250	28 / 21	64.6 / 60.4	0.06	53	59 / 39	51.2 / 51.2	0.32	102
								43 / 37	68.4 / 62.7	0.20	56	123 / 84	53.4 / 53.4	0.74	124
D	250, 300	260D	000D	80/67	30	2096	250	45 / 34	64.9 / 60.6	0.06	64	105 / 68	50.0 / 50.0	0.25	160
								71 / 61	68.4 / 62.8	0.20	72	206 / 141	53.4 / 53.4	0.74	182
E	350, 400A	350E	000E	80/67	30	2513	250	56 / 42	64.6 / 60.3	0.06	72	123 / 80	50.6 / 50.6	0.32	172
								89 / 75	68.2 / 62.6	0.20	81	253 / 171	53.0 / 53.0	0.74	211

PEH, REH Cabinet Size	Gas Unit Size	RHH, SHH Size	PXH, RXH Size	Entering Air DB/ WB °F	Fin Height (in.)	Cooling Airflow (scfm)	Face Vel (sfpm)	2 Row, 8 Fin (minimum)				6 Row, 14 Fin (maximum)			
								Total/Sens MBH	Leaving DB/WB °F	APD (in. WC)	Coil Wt (lbs)	Total/Sens MBH	Leaving DB/WB °F	APD (in. WC)	Coil Wt (lbs)
A	75, 100	-	000A	95/75	20	833	250	41 / 28	72.7 / 66.1	0.06	43	65 / 40	51.1 / 51.1	0.25	77
								46 / 38	78.2 / 69.5	0.20	42	135 / 87	56.5 / 56.5	0.74	93
B	125, 150	-	000B	95/75	20	1181	250	40 / 28	72.9 / 66.3	0.06	43	89 / 55	52.2 / 52.2	0.32	94
								68 / 54	77.9 / 69.3	0.20	51	194 / 124	56.2 / 56.1	0.74	120
C	175, 200, 225	130C, 180C	000C	95/75	30	1250	250	41 / 30	73.1 / 66.5	0.06	49	98 / 59	51.1 / 51.1	0.25	109
								64 / 53	78.2 / 69.5	0.20	56	189 / 121	56.5 / 56.5	0.74	124
D	250, 300	260D	000D	95/75	30	2096	250	73 / 51	72.5 / 65.9	0.06	64	158 / 97	52.4 / 52.4	0.32	149
								118 / 89	78.2 / 68.9	0.17	76	327 / 208	55.7 / 55.7	0.74	182
E	350, 400A	350E	000E	95/75	30	2513	250	90 / 61	72.7 / 65.6	0.05	76	200 / 120	50.6 / 50.6	0.25	185
								148 / 108	78.0 / 68.6	0.17	85	392 / 249	55.7 / 55.7	0.74	211

Note: Coils designed in the RezPro Coil Designer are optimized (fin height, tube diameter, circuiting, fin type, refrigerant velocity & PD) for specific conditions and condenser circuit capacities. Above selections are based on 45 °F SST, 100 °F liquid line temp, 8 °F superheat. Coil weights vary depending upon specific circuiting and coil design.

Chilled Water Coil Performance Range Table, 45° Water, Sea Level (no glycol)																			
PEH, REH Cabinet Size	PDH, RDH, SDH Size	RHH, SHH Size	PXH, RXH Size	Entering Air WB/ DB °F	Fin Height (in.)	Cooling Airflow (scfm)	Face Vel (sfpm)	4 Row, 6 Fin (minimum)					6 Row, 14 Fin (maximum)						
								Total/ Sens MBH	Leaving WB/DB °F	APD (in. WC)	LWT °F	Dry Wt (lbs)	Fluid Wt (lbs)	Total/ Sens MBH	Leaving WB/DB °F	APD (in. WC)	LWT °F	Dry Wt (lbs)	Fluid Wt (lbs)
A	75, 100	-	000A	80/67	25	1042	250	35 / 24	59.3 / 56.4	0.09	53.3	62	82	48 / 32	51.7 / 51.6	0.25	56.6	93	121
								54 / 38	63.1 / 59.1	0.28	51.4	62	82	88 / 60	53.5 / 53.3	0.74	55.5	93	121
B	125, 150	-	000B	80/67	25	1476	250	51 / 34	59.0 / 56.1	0.09	53.6	78	103	65 / 44	52.6 / 52.5	0.25	56.0	120	157
								79 / 56	62.7 / 58.7	0.28	51.7	78	103	130 / 88	52.7 / 52.6	0.74	56.0	120	157
C	175, 200, 225	130C, 180C	000C	80/67	35	1458	250	49 / 33	59.3 / 56.4	0.09	53.3	82	110	67 / 45	51.7 / 51.6	0.25	56.6	124	164
								75 / 54	63.1 / 59.1	0.28	51.4	82	110	123 / 85	53.5 / 53.3	0.74	55.5	124	164
D	250, 300	260D	000D	80/67	35	2446	250	80 / 55	59.5 / 56.6	0.09	53.2	114	155	110 / 75	52.1 / 52.1	0.25	56.3	182	241
								133 / 93	62.6 / 58.6	0.28	51.8	114	155	218 / 147	52.5 / 52.3	0.74	56.1	182	242
E	350, 400A	350E	000E	80/67	35	2932	250	98 / 66	59.3 / 56.4	0.09	53.3	130	178	136 / 91	51.7 / 51.6	0.25	56.6	211	280
								162 / 113	62.4 / 58.4	0.28	51.9	130	178	256 / 174	52.8 / 52.7	0.74	55.9	211	280

PEH, REH Cabinet Size	PDH, RDH, SDH Size	RHH, SHH Size	PXH, RXH Size	Entering Air °F WB/DB	Fin Height (in.)	Cooling Airflow (scfm)	Face Vel (sfpm)	4 Row, 6 Fin (minimum)					6 Row, 14 Fin (maximum)						
								Total/ Sens MBH	Leaving WB/DB °F	APD (in. WC)	LWT °F	Dry Wt (lbs)	Fluid Wt (lbs)	Total/ Sens MBH	Leaving WB/DB °F	APD (in. WC)	LWT °F	Dry Wt (lbs)	Fluid Wt (lbs)
A	75, 100	-	000A	95/75	25	1042	250	57 / 36	63.7 / 59.7	0.09	52.7	62	82	74 / 47	54.0 / 53.8	0.25	55.1	93	121
								89 / 58	69.5 / 63.6	0.28	51.0	62	82	148 / 93	54.4 / 54.1	0.74	55.0	93	121
B	125, 150	-	000B	95/75	25	1476	250	79 / 50	64.2 / 60.1	0.09	52.5	78	103	118 / 72	50.7 / 50.5	0.25	56.3	120	157
								124 / 82	69.6 / 63.7	0.28	50.9	78	103	208 / 131	54.5 / 54.3	0.74	54.9	120	157
C	175, 200, 225	130C, 180C	000C	95/75	35	1458	250	80 / 50	63.7 / 59.7	0.09	52.7	82	110	104 / 65	54.0 / 53.8	0.25	55.1	124	163
								124 / 81	69.5 / 63.6	0.28	51.0	82	110	207 / 130	54.4 / 54.1	0.74	55.0	124	164
D	250, 300	260D	000D	95/75	35	2446	250	133 / 83	63.9 / 59.9	0.09	52.6	114	155	178 / 111	53.5 / 53.4	0.25	55.2	182	245
								211 / 137	69.4 / 63.4	0.28	51.1	114	155	339 / 215	54.9 / 54.6	0.74	54.8	182	241
E	350, 400A	350E	000E	95/75	35	2932	250	162 / 100	63.7 / 59.6	0.09	52.8	130	178	219 / 135	52.8 / 52.7	0.25	55.5	211	284
								250 / 164	69.5 / 63.6	0.28	51.0	130	177	396 / 253	55.6 / 55.3	0.74	54.5	211	284

Note: Some variation in capacity is possible by varying circuiting (Quarter, Half, Three-Quarter, and Single serpentine available), Flow Rate and Fluid Pressure Drop. Values shown represent a requested fluid temp rise of 10 °F with a requested max fluid PD of 18 ft WC. All circuit types are represented.

^a Actual Main Coil Capacity and Total System Cooling MBH will depend upon design of main coil and condenser selected. It is not feasible to achieve an exact main coil temperature or system discharge temperature - condenser used will either be smaller or larger than requested capacity. The goal of neutral air and the neutral air control system is to provide outside air to the space at a temperature and humidity ratio that will allow a conventional cooling system for the space to maintain precise conditions regardless of outside air condition.
^b Wet bulb temperature (essentially enthalpy) is by far the primary determinant of system performance at a given SCFM. Entering dry bulb and main coil condenser ambient have a much less dramatic effect. A system operating at 100/74 can be conservatively estimated at 95/75.

DEHUMIDIFICATION COOLING MODULE

Reheat Application Overview:

PREVA^{dH} DX Coil option (AU7L & AU7R) are specifically designed for conditioning 100% outside or mixed air (outside and return air).

In conventional systems, dehumidification occurs by chilling the air below a desired dewpoint. This typically means a 55°F dry bulb leaving coil temperature (50% Rh at 75°F). Because conventional systems limit the outside air to less than 25%, it is not necessary to continuously dehumidify the air. The 25% OA limit allows the conventional system to dehumidify the space air such that it rarely exceeds normal indoor expectations. If you allow a conventional return air unit to treat 100% outside, the following happens. The zone temperature will reach the desired space setpoint and then deactivate the DX cooling. This in turns allows 100% untreated hot and moist outside air to enter the zone, thus increasing the space temperature and humidity. Over time, the zone will reach the desired temperature setpoint but will have a dewpoint greater than 60-70°F depending on the climate. A room with a 75°F temperature setpoint at 70°F dewpoint, results in a space relative humidity of 84%! This is uncomfortable as well as a perfect environment for growing mold. The high SHR of conventional systems does not remove enough moisture.

100% outside air entering a non process environment should consider dehumidification depending on the climate. To prevent the space from over cooling, the AU7 option reheats the leaving air from the main evaporator to 70-75°F, thus providing Neutral air to the zone. The neutral air essentially has zero effect on the space conditions, thus preventing over cooling. If required the dehumidification system can be turned off thus allowing 55°F to enter the space for space cooling requirements. (Unit must be sized correctly to allow 55°F from the main evaporator when the reheat system is turned off.)

Specifying the quantity (reheat availability under all load conditions), control of reheat (staged or modulating) and selection of the appropriate reheat system requires a working knowledge of the refrigeration cycle and HVAC system design. Considerations for the reheat system typically fall into three application types:

Constant Reheat - Applied where the space sensible and latent loads are small in comparison to the outside air load. When the outside air load dominates the space load, a neutral air (continuous dehumidified air delivered between 70° and 75°F) approach may be preferred. Typical applications include corridors and locker rooms.

Variable Reheat - Applied where the space sensible or latent loads vary in comparison to the outside air loads. Variable sensible heat gains (solar, electric loads, occupancy etc.) affect the amount of reheat required to maintain space temperature and relative humidity. If the equipment treats both outside air and maintains space temperature (a sole source unit), a variable reheat system will be required. Typical examples include surgical rooms and “clean” rooms.

No Reheat - Applied where the space sensible load is constant and much greater than the outside air load. Typical examples include motor and telecommunications centers where cooling is required at all times.

Dehumidification Module Description:

The **dH DX Coil modules** are only applicable in climates where dehumidification is required. Typically, this represents geographical areas that see a 60°F dewpoint frequency greater than 400 hours per year. To illustrate the performance, compare the performance of a cooling-only model to the cooling/dehumidifying model.

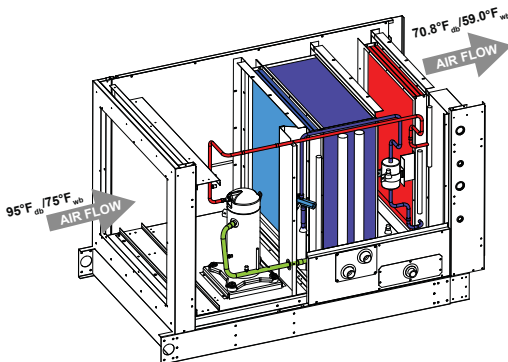
The dehumidification unit Re-Heat Pump™ system uses a basic heat pump refrigeration circuit for dehumidification and reheat. Evaporator capacity is a small part (approximately 15-20%) of the total design capacity, allowing continuous operation at low loads (between 55 and 60°F ambient dewpoint). The reheat pump system precooling evaporator coil is installed upstream of the main evaporator coil, and the reheat pump condenser coil is in the downstream position. The upstream precool coil tempers outside air and lowers wet bulb depression of the air entering the main evaporator coil (86.4/75.3). Heat removed from the precool coil is rejected to the downstream reheat coil (71.2/61.5 including compressor heat of compression). In this mode of operation the system is configured as a stand-alone neutral air unit which conditions only the outside air to the building. If the main evaporator coil were removed, the refrigeration system would resemble a standard residential dehumidifier.

Since the dehumidification unit refrigeration circuit is independent of the main evaporative cooling coil, performance is relatively constant. **This translates into ease of commissioning and verification of the Re-Heat Pump™ system performance under mild or extreme conditions.** Other package systems that use hot gas reheat must maintain higher than needed condenser head pressures for reliable operation and adequate reheat. Under low load conditions, poor performance of hot gas reheat and subcooling reheat systems can be caused by compressor unloading and oil return issues. These system often require low ambient run kits to be installed for proper operation. Service, diagnosis, and performance of hot gas reheat systems can be difficult to verify at conditions other than design.

The Re-Heat Pump™ downstream reheat (condenser) coil provides a nominal 10 to 17 degrees of “reheat” to the supply airstream. This temperature rise is accomplished with high compressor COP's and low air pressure drop coils. **For equivalent reheat performance, other technologies, such as heat pipes or flat plate heat exchangers may have greater than ten times the air pressure drop of the Re-Heat Pump™ coils.**

Additionally, performance of the heat pump is independent of the main cooling coil, while wrap around heat pipes or flat plate heat exchangers require an active cooling coil for energy transfer. At part load, the reheat pump can operate in a stand alone mode to provide both dehumidification and reheat.

While the dehumidification unit compressor consumes additional energy during dehumidification modes, the year round benefit of reduced fan energy will result in lower annual energy costs.



PREVA^{dH} Coil Module



REHEAT PUMP (RHP) PERFORMANCE

Applies to Models PDH, PEH, PXH,
RDH, REH, RHH, RXH, SDH and SHH

Performance Range Table R-410a at Sea Level

Horizontal Split System - Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH

PREEVA Cab Size	RHP Nom Tons	Cooling Airflow (scfm)	Face Vel SFPM	Main Coil Fin Height (in.)	95/77 °F Entering Air, LAT 55/55 °F Main Coil							95/77 °F Entering Air, LAT 51/51 °F Main Coil						
					LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH	LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH
					DB °F	WB °F		DB °F	WB °F			DB °F	WB °F		DB °F	WB °F		
A	2	1000	300	20	80.5	71.0	51.1	85.0	65.8	76.3	32.3	80.3	70.9	61.2	81.2	62.7	86.9	32.4
		1667	400	25	84.4	73.0	98.0	74.4	62.3	126.5	34.7	84.2	72.9	115.2	70.5	58.8	144.2	34.9
		2083	500	25	85.6	73.7	128.1	71.0	61.1	158.0	35.8	85.6	73.6	149.8	67.1	57.6	180.2	36.1
B	2.5	1417	300	20	82.5	71.4	74.6	80.6	64.4	106.6	38.9	82.5	71.4	89.4	76.7	61.1	121.9	39.1
		2361	400	25	86.4	73.5	143.7	71.4	61.2	179.0	41.5	86.2	73.5	168.3	67.5	57.7	204.1	41.8
		2951	500	25	87.6	74.2	187.1	68.4	60.1	223.7	42.6	87.5	74.0	216.7	64.5	56.6	253.8	42.8
C	2.5	1500	300	30	77.9	70.6	74.4	82.9	65.1	113.2	44.8	77.8	70.5	89.8	79.0	61.9	129.3	45.2
		2333	400	35	82.0	72.8	135.3	73.9	62.1	177.2	47.3	81.9	72.7	159.5	70.0	58.7	202.1	47.7
		2917	500	35	83.5	73.5	177.0	70.5	60.9	220.3	48.5	83.5	73.4	207.3	66.6	57.4	251.4	48.9
D	5	2516	300	30	79.3	70.4	123.2	84.7	65.7	190.0	80.2	79.1	70.3	148.4	80.8	62.6	216.2	80.6
		3913	400	35	83.3	72.6	223.8	75.2	62.5	296.9	84.9	83.2	72.5	264.3	71.3	59.2	338.5	85.5
		4891	500	35	84.8	73.4	295.2	71.6	61.3	371.1	87.1	84.8	73.3	346.0	67.7	57.8	423.1	87.7
E	5	3016	300	30	77.0	70.6	149.5	83.1	65.2	229.2	91.1	76.9	70.5	180.3	79.3	62.0	261.3	91.8
		4691	400	35	81.2	72.7	271.1	74.0	62.1	356.6	95.7	81.2	72.7	319.7	70.2	58.7	406.5	96.5
		5864	500	35	82.8	73.4	355.1	70.6	60.9	443.2	97.9	82.8	73.4	416.1	66.7	57.4	505.6	98.8

PREEVA Cab Size	RHP Nom Tons	Cooling Airflow (scfm)	Face Vel SFPM	Main Coil Fin Height (in.)	95/75 °F Entering Air, LAT 55/55 °F Main Coil							95/75 °F Entering Air, LAT 51/51 °F Main Coil						
					LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH	LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH
					DB °F	WB °F		DB °F	WB °F			DB °F	WB °F		DB °F	WB °F		
A	2	1000	300	20	79.5	68.9	43.1	84.3	65.6	67.7	31.4	79.3	68.8	53.2	80.4	62.4	78.3	31.6
		1667	400	25	83.6	70.9	84.4	73.9	62.1	112.1	33.8	83.5	70.9	101.6	70.0	58.7	129.8	34.0
		2083	500	25	84.9	71.6	111.0	70.6	60.9	140.1	34.9	84.8	71.6	132.6	66.7	57.4	162.2	35.1
B	2.5	1417	300	20	81.9	69.5	64.1	80.0	64.2	95.2	38.0	81.8	69.4	78.7	76.0	60.9	110.3	38.1
		2361	400	25	85.8	71.5	124.4	71.0	61.1	158.6	40.5	85.7	71.4	148.9	67.0	57.5	183.7	40.7
		2951	500	25	87.1	72.1	162.7	68.1	60.0	198.2	41.5	87.0	72.0	192.3	64.2	56.4	228.3	41.7
C	2.5	1500	300	30	76.7	68.6	63.2	82.2	64.9	101.1	43.8	76.6	68.5	78.6	78.3	61.7	117.0	44.1
		2333	400	35	81.0	70.7	116.4	73.4	61.9	157.2	46.1	80.9	70.6	140.5	69.5	58.5	182.0	46.5
		2917	500	35	82.6	71.4	153.0	70.1	60.8	195.3	47.3	82.6	71.4	183.4	66.3	57.3	226.4	47.8
D	5	2516	300	30	78.3	68.4	104.2	84.0	65.5	169.3	78.3	78.2	68.3	129.9	80.1	62.3	196.0	78.7
		3913	400	35	82.4	70.5	192.1	74.7	62.4	263.3	82.8	82.3	70.5	232.6	70.8	59.0	304.8	83.4
		4891	500	35	84.1	71.3	255.1	71.2	61.1	329.0	85.0	84.0	71.3	305.9	67.3	57.6	380.9	85.6
E	5	3016	300	30	75.7	68.5	125.8	82.4	65.0	203.4	88.8	75.5	68.4	156.6	78.6	61.8	235.4	89.5
		4691	400	35	80.1	70.6	233.1	73.6	62.0	316.4	93.4	80.1	70.6	281.5	69.7	58.5	366.1	94.2
		5864	500	35	82.0	71.3	306.6	70.3	60.8	392.9	96.0	81.9	71.3	367.5	66.4	57.3	455.1	96.8

PREEVA Cab Size	RHP Nom Tons	Cooling Airflow (scfm)	Face Vel SFPM	Fin Height (in.)	95/72 °F Entering Air, LAT 55/55 °F Main Coil							95/72 °F Entering Air, LAT 51/51 °F Main Coil						
					LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH	LAT Precool Coil		Main Coil Capacity MBH	Leaving Reheat Coil		Total Cooling MBH ^A	Reheat MBH
					DB °F	WB °F		DB °F	WB °F			DB °F	WB °F		DB °F	WB °F		
A	2	1000	300	20	78.0	65.7	31.9	83.1	65.2	55.5	30.2	77.8	65.6	42.1	79.2	62.0	66.1	30.3
		1667	400	25	82.4	67.8	65.3	73.1	61.8	91.9	32.4	82.3	67.7	82.4	69.2	58.4	109.5	32.6
		2083	500	25	83.9	68.6	87.6	70.0	60.7	115.5	33.5	83.7	68.5	108.4	66.1	57.2	136.8	33.7
B	2.5	1417	300	20	80.8	66.3	48.2	79.0	63.9	78.0	36.5	80.7	66.3	63.0	75.1	60.5	93.3	36.7
		2361	400	25	84.9	68.4	97.1	70.4	60.8	129.9	38.9	84.8	68.3	121.5	66.4	57.3	154.8	39.1
		2951	500	25	86.3	69.0	128.3	67.6	59.8	162.3	39.9	86.3	69.0	159.0	63.7	56.2	193.5	40.1
C	2.5	1500	300	30	74.9	65.4	46.6	81.2	64.6	82.9	42.2	74.8	65.3	61.9	77.3	61.3	98.8	42.4
		2333	400	35	79.7	67.5	89.3	72.9	61.7	128.8	44.8	79.6	67.5	113.4	69.0	58.3	153.5	45.1
		2917	500	35	82.0	68.1	117.8	69.9	60.7	159.3	46.6	81.8	68.1	148.1	66.0	57.1	190.2	46.9
D	5	2516	300	30	76.8	65.2	76.3	83.0	65.2	138.8	75.5	76.7	65.1	102.0	79.1	61.9	165.4	75.8
		3913	400	35	81.1	67.4	147.5	74.0	62.1	215.7	79.8	81.1	67.3	187.8	70.1	58.7	257.1	80.3
		4891	500	35	83.0	68.2	198.6	70.5	60.9	198.6	81.3	82.8	68.1	248.1	66.6	57.4	320.0	82.2
E	5	3016	300	30	73.7	65.2	92.1	81.5	64.7	166.9	85.9	73.6	65.2	122.9	77.7	61.5	198.8	86.5
		4691	400	35	78.8	67.4	176.7	71.4	61.2	258.3	91.5	79.0	67.4	226.2	69.3	58.4	308.8	92.2
		5864	500	35	81.7	68.1	234.9	70.3	60.9	320.5	95.3	81.5	68.0	295.5	66.2	57.2	382.3	95.9

^A Actual Main Coil Capacity and Total System Cooling MBH will depend upon design of main coil and condenser selected. It is not feasible to achieve an exact main coil temperature or system discharge temperature - condenser used will either be smaller or larger than requested capacity. The goal of neutral air and the neutral air control system is to provide outside air to the space at a temperature and humidity ratio that will allow a conventional cooling system for the space to maintain precise conditions regardless of outside air condition.

^B Wet bulb temperature (essentially enthalpy) is by far the primary determinant of system performance at a given SCFM. Entering dry bulb and main coil condenser ambient have a much less dramatic effect. A system operating at 100/74 can be conservatively estimated at 95/75.

NOTE: For complete MCA & MOP Data, contact your Factory Representative or go to ReznorHVAC.com.

PDH, RDH, SDH Size	PXH, RXH Cabinet Size	RHH, SHH Cabinet Size	Reheat Compressor Model	AK2 208/1/60						AK3 230/1/60							
				Compressor			Blower Motor			Compressor			Blower Motor			MCA	MOP
				RLA	MCC	LRA	HP	FLA	MCA	MOP	RLA	MCC	LRA	HP	FLA		
75-100	000A	--	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	35	14.1	22.0	77.0	1/4	2.3	19.9	35
							5	28.3	49.5	70				5	25.6	46.1	70
125-150	000B	--	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	35	14.1	22.0	77.0	1/4	2.3	19.9	35
							5	28.3	49.5	70				5	25.6	46.1	70
175-200-225	000C	130C, 180C	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	35	14.1	22.0	77.0	1/4	2.3	19.9	35
							5	28.3	49.5	70				5	25.6	46.1	70
250-300	000D	260D	ZP57K3E	30.1	47.0	158.0	1/4	2.3	40.0	70	30.1	47.0	158.0	1/4	2.3	40.0	70
							5	28.3	66.0	90				5	25.6	63.3	90
350-400	000E	350E	ZP57K3E	30.1	47.0	158.0	1/4	2.3	40.0	70	30.1	47.0	158.0	1/4	2.3	40.0	70
							5	28.3	66.0	90				5	25.6	63.3	90

PDH, RDH, SDH Size	PXH, RXH Cabinet Size	RHH, SHH Cabinet Size	Reheat Compressor Model	AK6 230/3/60						AK5 208/3/60							
				Compressor			Blower Motor			Compressor			Blower Motor			MCA	MOP
				RLA	MCC	LRA	HP	FLA	MCA	MOP	RLA	MCC	LRA	HP	FLA		
75-100	000A	--	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	20	9.0	14.0	71.0	1/4	1.1	12.3	20
							5	13.2	25.5	35				5	13.4	25.7	40
125-150	000B	--	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	20	9.0	14.0	71.0	1/4	1.1	12.3	20
							5	13.2	25.5	35				5	13.4	25.7	40
175-200-225	000C	130C, 180C	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	20	9.0	14.0	71.0	1/4	1.1	12.3	20
							5	13.2	25.5	35				5	13.4	25.7	40
250-300	000D	260D	ZP57K3E	20.5	32.0	155.0	1/4	1.4	27.0	45	20.5	32.0	155.0	1/4	1.1	26.7	45
							5	13.2	38.8	60				5	13.4	39.0	60
350-400	000E	350E	ZP57K3E	20.5	32.0	155.0	1/4	1.4	27.0	45	20.5	32.0	155.0	1/4	1.1	26.7	45
							5	13.2	38.8	60				5	13.4	39.0	60

PDH, RDH, SDH Size	PXH, RXH Cabinet Size	RHH, SHH Cabinet Size	Reheat Compressor Model	AK7 480/3/60						AK8 575/3/60							
				Compressor			Blower Motor			Compressor			Blower Motor			MCA	MOP
				RLA	MCC	LRA	HP	FLA	MCA	MOP	RLA	MCC	LRA	HP	FLA		
75-100	000A	--	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	15	3.8	5.9	36.5	1/2	0.9	5.6	15
							5	6.6	13.9	20				5	5.4	10.5	15
125-150	000B	--	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	15	3.8	5.9	36.5	1/2	0.9	5.6	15
							5	6.6	13.9	20				5	5.4	10.5	15
175-200-225	000C	130C, 180C	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	15	3.8	5.9	36.5	1/2	0.9	5.6	15
							5	6.6	13.9	20				5	5.4	10.5	15
250-300	000D	260D	ZP57K3E	9.6	15.0	75.0	1/4	0.75	12.8	20	7.6	11.9	54.0	1/2	0.9	10.4	15
							5	6.6	18.6	25				5	5.4	14.9	20
350-400	000E	350E	ZP57K3E	9.6	15.0	75.0	1/4	0.75	12.8	20	7.6	11.9	54.0	1/2	0.9	10.4	15
							5	6.6	18.6	25				5	5.4	14.9	20



MCA & MOP Data (ranges) For PREEVA® Electric Units without Dehumidification Models PEH or REH

NOTE: For complete MCA & MOP Data, contact your Factory Representative or go to ReznorHVAC.com.

PEH, REH Cabinet Size	kW	AK2 208/1/60						AK3 230/1/60					
		EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP	EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP
			HP	FLA					HP	FLA			
A	10	36.1	1/4	2.3	47.4	80	80	41.7	1/4	2.3	54.4	90	90
			5	28.3	73.4	100	100		5	25.6	77.7	100	100
	20	72.2	1/4	2.3	92.6	150	150	83.3	1/4	2.3	106.5	175	175
			5	28.3	118.6	175	175		5	25.6	129.8	200	200
B	15	54.2	1/4	2.3	70.0	125	125	62.5	1/4	2.3	80.4	125	125
			5	28.3	96.0	150	150		5	25.6	103.7	150	150
	30	108.3	1/4	2.3	137.7	225	225	125.0	1/4	2.3	158.6	250	250
			5	28.3	163.7	250	250		5	25.6	181.9	300	300

PEH, REH Cabinet Size	kW	AK5 208/3/60						AK6 230/3/60					
		EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP	EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP
			HP	FLA					HP	FLA			
A	20	41.7	1/4	1.1	53.2	90	90	48.1	1/4	1.4	61.5	100	100
			5	13.4	65.5	100	100		5	13.2	73.3	100	100
	40	83.4	1/4	1.1	105.3	175	175	96.2	1/4	1.4	121.7	200	200
			5	13.4	117.6	200	200		5	13.2	133.5	225	225
B	30	62.5	1/4	1.1	79.3	125	125	72.2	1/4	1.4	91.6	150	150
			5	13.4	91.6	150	150		5	13.2	103.4	175	175
	60	125.1	1/4	1.1	126.5	125	150	144.3	1/4	1.4	146.1	125	150
			5	13.4	141.8	150	150		5	13.2	160.8	175	175
D	30	62.5	1/4	1.1	79.3	125	125	72.2	1/4	1.4	91.6	150	150
			5	13.4	91.6	150	150		5	13.2	103.4	175	175
	60	125.1	1/4	1.1	126.5	125	150	144.3	1/4	1.4	146.1	125	150
			5	13.4	141.8	150	150		5	13.2	160.8	175	175
	90	187.6	1/4	1.1	189.0	175	200	216.5	1/4	1.4	218.3	200	225
			5	13.4	204.4	200	225		5	13.2	233.0	225	250
	120	250.2	1/4	1.1	251.6	250	300	288.7	1/4	1.4	290.4	250	300
			5	13.4	266.9	250	300		5	13.2	305.2	300	350
E	40	83.4	1/4	1.1	105.3	175	175	96.2	1/4	1.4	121.7	200	200
			5	13.4	117.6	200	200		5	13.2	133.5	225	225
	80	166.8	1/4	1.1	168.2	150	175	192.5	1/4	1.4	194.2	175	200
			5	13.4	183.5	175	200		5	13.2	209.0	225	225
120	250.2	1/4	1.1	251.6	250	300	288.7	1/4	1.4	290.4	250	300	
			5	13.4	266.9	250	300		5	13.2	305.2	300	350

PEH, REH Cabinet Size	kW	AK7 480/3/60						AK8 575/3/60					
		EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP	EH FLA	Blower Motor		MCA	MOP (Fuse)	MOP
			HP	FLA					HP	FLA			
A	20	24.1	1/4	0.75	30.8	50	50	20.1	1/2	0.9	26.0	45	45
			5	6.6	36.7	60	60		5	5.4	30.5	50	50
	40	48.1	1/4	0.75	60.9	100	100	40.2	1/2	0.9	51.1	90	90
			5	6.6	66.7	100	100		5	5.4	55.6	90	90
B	30	36.1	1/4	0.75	45.9	80	80	30.1	1/2	0.9	38.6	60	60
			5	6.6	51.7	80	80		5	5.4	43.1	70	70
	60	72.2	1/4	0.75	73.1	70	80	60.2	1/2	0.9	61.4	60	70
			5	6.6	80.4	80	90		5	5.4	67.0	70	70
D	30	36.1	1/4	0.75	45.9	80	80	30.1	1/2	0.9	38.6	60	60
			5	6.6	51.7	80	80		5	5.4	43.1	70	70
	60	72.2	1/4	0.75	73.1	70	80	60.2	1/2	0.9	61.4	60	70
			5	6.6	80.4	80	90		5	5.4	67.0	70	70
	90	108.3	1/4	0.75	109.2	100	125	90.4	1/2	0.9	91.5	90	100
			5	6.6	116.5	100	125		5	5.4	97.1	100	100
	120	144.3	1/4	0.75	145.3	125	150	120.5	1/2	0.9	121.6	100	125
			5	6.6	152.6	150	175		5	5.4	127.2	125	150
E	40	48.1	1/4	0.75	60.9	100	100	40.2	1/2	0.9	51.1	90	90
			5	6.6	66.7	100	100		5	5.4	55.6	90	90
	80	96.2	1/4	0.75	97.2	90	100	80.3	1/2	0.9	81.5	80	90
			5	6.6	104.5	100	125		5	5.4	87.1	90	90
120	144.3	1/4	0.75	145.3	125	150	120.5	1/2	0.9	121.6	100	125	
			5	6.6	152.6	150	175		5	5.4	127.2	125	150

Horizontal Split System- Models PDH, PEH, PXH, RDH, REH, RXH, SDH & SHH



MCA & MOP Data (ranges) For PREEVA® Electric Units with Dehumidification Models PEH or REH

NOTE: For complete MCA & MOP Data, contact your Factory Representative or go to ReznorHVAC.com.

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK2 208/1/60								AK3 230/1/60							
			Blower Motor		Cooling		Heating		MCA	MOP	Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	10	1/4	2.3	19.9	35	47.4	80	47.4	80	1/4	2.3	19.9	35	54.4	90	54.4	90
			5	28.3	49.5	70	73.4	100	73.4	100	5	25.6	46.1	70	77.7	100	77.7	100
		20	1/4	2.3	19.9	35	92.6	150	92.6	150	1/4	2.3	19.9	35	106.5	175	106.5	175
			5	28.3	49.5	70	118.6	175	118.6	175	5	25.6	46.1	70	129.8	200	129.8	200
B	ZP29K5E	15	1/4	2.3	19.9	35	70.0	125	70.0	125	1/4	2.3	19.9	35	80.4	125	80.4	125
			5	28.3	49.5	70	96.0	150	96.0	150	5	25.6	46.1	70	103.7	150	103.7	150
		30	1/4	2.3	19.9	35	137.7	225	137.7	225	1/4	2.3	19.9	35	158.6	250	158.6	250
			5	28.3	49.5	70	163.7	250	163.7	250	5	25.6	46.1	70	181.9	300	181.9	300

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK5 208/3/60								AK6 230/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP	Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/4	1.1	12.3	20	53.2	90	53.2	90	1/4	1.4	12.6	20	61.5	100	61.5	100
			5	13.4	25.7	40	65.5	100	65.5	100	5	13.2	25.5	35	73.3	100	73.3	100
		40	1/4	1.1	12.3	20	105.3	175	105.3	175	1/4	1.4	12.6	20	121.7	200	121.7	200
			5	13.4	25.7	40	117.6	200	117.6	200	5	13.2	25.5	35	133.5	225	133.5	225
B	ZP29K5E	30	1/4	1.1	12.3	20	79.3	125	79.3	125	1/4	1.4	12.6	20	91.6	150	91.6	150
			5	13.4	25.7	40	91.6	150	91.6	150	5	13.2	25.5	35	103.4	175	103.4	175
		60	1/4	1.1	12.3	20	126.5	150	126.5	150	1/4	1.4	12.6	20	146.1	150	146.1	150
			5	13.4	25.7	40	141.8	150	141.8	150	5	13.2	25.5	35	160.8	175	160.8	175
D	ZP57K3E	30	1/4	1.1	12.3	20	79.3	125	79.3	125	1/4	1.4	12.6	20	91.6	150	91.6	150
			5	13.4	25.7	40	91.6	150	91.6	150	5	13.2	25.5	35	103.4	175	103.4	175
		60	1/4	1.1	12.3	20	126.5	150	126.5	150	1/4	1.4	12.6	20	146.1	150	146.1	150
			5	13.4	25.7	40	141.8	150	141.8	150	5	13.2	25.5	35	160.8	175	160.8	175
		90	1/4	1.1	12.3	20	189.0	200	189.0	200	1/4	1.4	12.6	20	218.3	225	218.3	225
			5	13.4	25.7	40	204.4	225	204.4	225	5	13.2	25.5	35	233.0	250	233.0	250
		120	1/4	1.1	12.3	20	251.6	300	251.6	300	1/4	1.4	12.6	20	290.4	300	290.4	300
			5	13.4	25.7	40	266.9	300	266.9	300	5	13.2	25.5	35	305.2	350	305.2	350
E	ZP57K3E	40	1/4	1.1	26.7	45	105.3	175	105.3	175	1/4	1.4	27.0	45	121.7	200	121.7	200
			5	13.4	39.0	60	117.6	200	117.6	200	5	13.2	38.8	60	133.5	225	133.5	225
		80	1/4	1.1	26.7	45	168.2	175	168.2	175	1/4	1.4	27.0	45	194.2	200	194.2	200
			5	13.4	39.0	60	183.5	200	183.5	200	5	13.2	38.8	60	209.0	225	209.0	225
		120	1/4	1.1	26.7	45	251.6	300	251.6	300	1/4	1.4	27.0	45	290.4	300	290.4	300
			5	13.4	39.0	60	266.9	300	266.9	300	5	13.2	38.8	60	305.2	350	305.2	350

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK7 480/3/60								AK8 575/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP	Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/4	0.75	7.8	15	30.8	50	30.8	50	1/2	0.9	5.6	15	26.0	45	26.0	45
			5	6.6	13.9	20	36.7	60	36.7	60	5	5.4	10.5	15	30.5	50	30.5	50
		40	1/4	0.75	7.8	15	60.9	100	60.9	100	1/2	0.9	5.6	15	51.1	90	51.1	90
			5	6.6	13.9	20	66.7	100	66.7	100	5	5.4	10.5	15	55.6	90	55.6	90
B	ZP29K5E	30	1/4	0.75	7.8	15	45.9	80	45.9	80	1/2	0.9	5.6	15	38.6	60	38.6	60
			5	6.6	13.9	20	51.7	80	51.7	80	5	5.4	10.5	15	43.1	70	43.1	70
		60	1/4	0.75	7.8	15	73.1	80	73.1	80	1/2	0.9	5.6	15	61.4	70	61.4	70
			5	6.6	13.9	20	80.4	90	80.4	90	5	5.4	10.5	15	67.0	70	67.0	70
D	ZP57K3E	30	1/4	0.75	7.8	15	45.9	80	45.9	80	1/2	0.9	5.6	15	38.6	60	38.6	60
			5	6.6	13.9	20	51.7	80	51.7	80	5	5.4	10.5	15	43.1	70	43.1	70
		60	1/4	0.75	7.8	15	73.1	80	73.1	80	1/2	0.9	5.6	15	61.4	70	61.4	70
			5	6.6	13.9	20	80.4	90	80.4	90	5	5.4	10.5	15	67.0	70	67.0	70
		90	1/4	0.75	7.8	15	109.2	125	109.2	125	1/2	0.9	5.6	15	91.5	100	91.5	100
			5	6.6	13.9	20	116.5	125	116.5	125	5	5.4	10.5	15	97.1	100	97.1	100
		120	1/4	0.75	7.8	15	145.3	150	145.3	150	1/2	0.9	5.6	15	121.6	125	121.6	125
			5	6.6	13.9	20	152.6	175	152.6	175	5	5.4	10.5	15	127.2	150	127.2	150
E	ZP57K3E	40	1/4	0.75	12.8	20	60.9	100	60.9	100	1/2	0.9	10.4	15	51.1	90	51.1	90
			5	6.6	18.6	25	66.7	100	66.7	100	5	5.4	14.9	20	55.6	90	55.6	90
		80	1/4	0.75	12.8	20	97.2	100	97.2	100	1/2	0.9	10.4	15	81.5	90	81.5	90
			5	6.6	18.6	25	104.5	125	104.5	125	5	5.4	14.9	20	87.1	90	87.1	90
		120	1/4	0.75	12.8	20	145.3	150	145.3	150	1/2	0.9	10.4	15	121.6	125	121.6	125
			5	6.6	18.6	25	152.6	175	152.6	175	5	5.4	14.9	20	127.2	150	127.2	150

GENERAL

Provide packaged, indoor heating (and cooling) units with separated combustion as Reznor brand equipment.

The units shall be the SHH series, minimum 91% efficiency, with separated-combustion gas furnace, designed for ceiling suspension or floor or slab mounting. The unit shall be specifically designed for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The base unit shall consist of blower and gas heat section. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & AIR CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency. The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked with gas controls to prevent gas heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

GAS HEAT SECTION

The gas furnace shall have a Reznor T_{CORE}³ heat exchanger and single burner combustion system. The Heating system shall provide a minimum of 91% thermal efficiency. All units shall be equipped for use with (natural gas) (propane). The T_{CORE}³ combustion system primary heat exchanger shall be of T_{CORE}^{CR} high corrosion resistance steel. The secondary heat exchanger shall be of aluminum alloy. The furnace shall be equipped with all required safety elements including flue high temperature switch, condensate drain, condensate drain blockage shutdown switch and heat exchanger high temperature shutdown. (Unit shall have vent cap.) (Unit shall have factory installed shut off valve and union.)The gas furnace is to be arranged for ducted inlet combustion air and flue gas exhaust. The unit must have single point wall or roof penetration for entry of combustion air and exhaust of flue gases by the use of a concentric adapter. Furnace operation shall be controlled through an integrated circuit board. The circuit board shall monitor heater operation and have LED diagnostic indicator lights to identify abnormalities in control functions. The circuit board shall monitor flame failure, failed ignition, airflow and low gas pressure. Unit shall have a (single stage control) (two stage control) (8:1 modulating control). The unit shall use (digital controller with space temperature reset sequence.) (analog discharge air control) (Thermostat control for space temperature control applications). The unit shall have (Lon) (N2) (bacNet) communications capability.

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 (aluminium) (copper) fins per inch, 200 to 500 FPM air flow, and ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.))

(Unit shall have custom configured chilled water evaporate coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.)

**EVAPORATIVE COOLING
SECTION**

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver® water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material, rigid glass fiber material-UL rated). Equipment shall include (1" or 2" prefilters) (drain and fill kit) (water hammer arrestor) and (freeze protection).

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC makeup air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls or MUA with direct-coupled 24 VAC spring return actuators. Construction of mixing box will be (single wall, insulated)(double wall, [insulated] [high density insulated]). Without a mixing box, the (single wall, insulated) (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (screened horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (screened horizontal supply air inlet opening with duct flanges) (horizontal supply air with on/off damper and duct flange).

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [floor mounting] [slab mounting] [ceiling suspension from (4) (6) (8) point base suspension]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges); (discharge louvers [horizontal] [horizontal and vertical]); (firestat); (discharge temperature low limit), (high, low, or high and low gas pressure switches); and (relays). The following accessories will be provided: horizontal or vertical vent/combustion air kit; (downturn nozzle [25- 65° with or without vertical louvers] [50-90° with or without vertical louvers]); (gas pressure regulator); and (remote console)

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience with separated combustion heating equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

**SAMPLE SPECIFICATION
MODEL RHH
OUTDOOR, HIGH EFFICIENCY SPLIT SYSTEM****GENERAL**

Provide packaged, Outdoor heating (and cooling) units as Reznor brand equipment.

The units shall be the RHH series, minimum 91% efficiency, with gas furnace, designed for mounting on a curb. The unit shall be specifically design for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The base unit shall consist of blower and gas heat section. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & AIR CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked with gas controls to prevent gas heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

GAS HEATING SECTION

The gas furnace shall have a Reznor TCore³ heat exchanger and single burner combustion system. The Heating system shall provide a minimum of 91% thermal efficiency. All units shall be equipped for use with (natural gas) (propane). The TCore³ combustion system primary heat exchanger shall be of (TCore^{CR} high corrosion resistance steel). The secondary heat exchanger shall be of aluminum alloy. The furnace shall be equipped with all required safety elements including flue high temperature switch, condensate drain, and heat exchanger high temperature shutdown. (Unit shall have factory installed shut off valve and union). Furnace operation shall be controlled through an integrated circuit board. The circuit board shall monitor heater operation and have LED diagnostic indicator lights to identify abnormalities in control functions. The circuit board shall monitor flame failure, failed ignition, airflow and low gas pressure. Unit shall have a (single stage control) (two stage control) (8:1 modulating control). The unit shall use (digital controller with make-up with space temperature reset sequence.) (analog discharge air control) (Thermostat control for space temperature control applications). The unit shall have (Lon) (N2) (bacNet) communications capability.

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporate coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced) (2 Stage unequal 40% -60% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and ½” or 3/8” tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4” from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.)

(Unit shall have custom configured chilled water evaporator coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2” or 3/8” to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications).

EVAPORATIVE COOLING SECTION

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material) (rigid glass fiber material-UL rated). Equipment shall include (1” or 2” pre-filters) and (drain and fill kit) and (water hammer arrestor).

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC make-up air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls with direct-coupled 24VAC spring return actuators. Construction of mixing box will be double wall, [insulated] [high density insulated]). Without a mixing box, the (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (Horizontal supply with downturn plenum) (screened horizontal supply air inlet opening with duct flanges) (horizontal supply air with on/off damper and duct flange). (The unit shall have outside air hood with permanent filters designed for 100% unit air flow from outside with zero water/snow entrainment. The hood shall meet ASHRAE std 62.1 entrainment intent.)

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [roof mounting with curb]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges); (downturn plenum with on/off damper); (firestat); (discharge temperature low limit), (high, low, or high and low gas pressure switches); and (relays). The following accessories will be provided: (roof curb) (gas pressure regulator); and (remote console)

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience with commercial/industrial HVAC equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

**SAMPLE SPECIFICATION
MODEL SDH****INDOOR, HEATING AND MAKEUP AIR UNITS (SEPARATED COMBUSTION)****GENERAL**

Provide packaged, indoor heating (and cooling) units with separated combustion as Reznor brand equipment.

The units shall be the SDH series, minimum 81% efficiency, with separated-combustion gas furnace, designed for ceiling suspension or floor or slab mounting. The unit shall be specifically designed for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The base unit shall consist of blower and gas heat section. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, heat, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & AIR CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked with gas controls to prevent gas heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

GAS HEAT SECTION

The gas furnace shall have a Reznor T_{CO}RE³ heat exchanger and single burner combustion system. The heating system shall provide a minimum of 81% thermal efficiency. All units shall be equipped for use with (natural gas) (propane). The heat exchanger shall be constructed of (aluminized steel) (409 stainless steel) (316 stainless steel). The furnace shall be equipped with all required safety elements including flue high temperature switch, condensate drain, condensate drain blockage shutdown switch and heat exchanger high temperature shutdown. (Unit shall have factory installed shut off valve and union.)The gas furnace is to be arranged for ducted inlet combustion air and flue gas exhaust. The unit must have single point wall or roof penetration for entry of combustion air and exhaust of flue gases by the use of a concentric adapter. Furnace operation shall be controlled through an integrated circuit board. The circuit board shall monitor heater operation and have LED diagnostic indicator lights to identify abnormalities in control functions. The circuit board shall monitor flame failure, failed ignition, airflow and low gas pressure. Unit shall have a (single stage control) (two stage control) (4:1 modulating control). The unit shall use (digital controller with space temperature reset sequence.) (analog discharge air control) (Thermostat control for space temperature control applications). The unit shall have (Lon) (N2) (bacNet) communications capability.

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 (aluminium) (copper) fins per inch, 200 to 500 FPM air flow, and 1/2" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.))

(Unit shall have custom configured chilled water evaporate coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, 3/4 or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications).

EVAPORATIVE COOLING SECTION

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material, rigid glass fiber material-UL rated). Equipment shall include (1" or 2" pre-filters) (drain and fill kit) (water hammer arrestor) and (freeze protection).

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC makeup air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls or MUA with direct-coupled 24VAC spring return actuators. Construction of mixing box will be (single wall, insulated)(double wall, [insulated] [high density insulated]). Without the mixing box, the (single wall, insulated) (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (screened horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (screened horizontal supply air inlet opening with duct flanges) (horizontal supply air with on/off damper and duct flange).

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [floor mounting] [slab mounting] [ceiling suspension from (4) (6) (8) point base suspension]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges); (discharge louvers [horizontal] [horizontal and vertical]); (firestat); (discharge temperature low limit), (high, low, or high and low gas pressure switches); and (relays). The following accessories will be provided: horizontal or vertical vent/combustion air kit; (downturn nozzle [25- 65° with or without vertical louvers] [50-90° with or without vertical louvers]); (gas pressure regulator); and (remote console)

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience with separated combustion heating equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

MODEL PDH**INDOOR, HEATING AND MAKEUP AIR UNITS****GENERAL**

Provide packaged, indoor heating (and cooling) units as Reznor brand equipment.

Provide packaged, indoor heating and makeup air, power-vented units as Reznor brand equipment. The units shall be the PDH series, minimum 81% efficiency, designed for ceiling suspension or slab or floor mounting. The unit shall be specifically designed for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The base unit shall consist of blower and gas heat section. The unit shall be modular such DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120 Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked with gas controls to prevent gas heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [2" MERV 8] [4" MERV 13 pleated] filters.

GAS HEAT SECTION

The gas furnace shall have a Reznor T_{CORE}² heat exchanger and single burner combustion system. The Heating system shall provide a minimum of 81% thermal efficiency. All units shall be equipped for use with (natural gas) (propane). The T_{CORE}³ combustion system heat exchanger shall be of (aluminum steel) (409 stainless steel) (316 stainless steel). The furnace shall be equipped with all required safety elements including flue high temperature switch, condensate drain, condensate drain blockage shutdown switch and heat exchanger high temperature shutdown. (Unit shall have vent cap.) (Unit shall have factory installed shut off valve and union). Furnace operation shall be controlled through an integrated circuit board. The circuit board shall monitor heater operation and have LED diagnostic indicator lights to identify abnormalities in control functions. The circuit board shall monitor flame failure, failed ignition, airflow and low gas pressure. Unit shall have a (two stage control) (4:1 modulating control). The unit shall use (digital controller with make-up with space temperature reset sequence.) (analog discharge air control) (Thermostat control for space temperature control applications). The unit shall have (Lon) (N2) (bacNet) communications capability.

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced) (2 Stage unequal 40% -60% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.)

(Unit shall have custom configured chilled water evaporator coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.)

EVAPORATIVE COOLING SECTION

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material) (rigid glass fiber material-UL rated). Equipment shall include (1" or 2" pre-filters) and (drain and fill kit) and (water hammer arrestor).

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC make-up air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls or MUA with direct-coupled 24VAC spring return actuators. Construction of mixing box will be (single wall, insulated)(double wall, [insulated] [high density insulated]). The (single wall, insulated) (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (screened horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (screened horizontal supply air inlet opening with duct flanges).

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [floor mounting] [slab mounting] [ceiling suspension from (4) (6) (8) point base suspension]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges); (discharge louvers [horizontal] [horizontal and vertical]); (firestat); (discharge temperature low limit), (high, low, or high and low gas pressure switches); and (relays). The following accessories will be provided: (downturn nozzle [25- 65° with or without vertical louvers] [50-90° with or without vertical louvers]); (gas pressure regulator); and (remote console)

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience with commercial/industrial HVAC equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

SAMPLE SPECIFICATION MODEL RDH OUTDOOR, HEATING AND MAKEUP AIR UNITS

GENERAL

Provide packaged, Outdoor heating (and cooling) units as Reznor brand equipment.

The units shall be the RDH series, minimum 81% efficiency, with gas furnace, designed for rooftop or outdoor slab installation. The unit shall be specifically design for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The base unit shall consist of blower and gas heat section. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked with gas controls to prevent gas heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

GAS HEAT SECTION

The gas furnace shall have a Reznor T_{CORE}² heat exchanger and single burner combustion system. The Heating system shall provide a minimum of 81% thermal efficiency. All units shall be equipped for use with (natural gas) (propane). The T_{CORE}² combustion system heat exchanger shall be of (409 stainless steel) (316 stainless steel) (Aluminized steel). The furnace shall be equipped with all required safety elements including flue high temperature switch, condensate drain, condensate drain blockage shutdown switch and heat exchanger high temperature shutdown. (Unit shall have factory installed shut off valve and union.) Furnace operation shall be controlled through an integrated circuit board. The circuit board shall monitor heater operation and have LED diagnostic indicator lights to identify abnormalities in control functions. The circuit board shall monitor flame failure, failed ignition, airflow and low gas pressure. Unit shall have a (single stage control) (two stage control) (4:1 modulating control) (8:1 modulating control). The unit shall use (digital controller with space temperature reset sequence.) (analog discharge air control) (Thermostat control for space temperature control applications). The unit shall have (Lon) (N2) (bacNet) communications capability.

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 (aluminum) (copper) fins per inch, 200 to 500 FPM air flow, and ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.))

(Unit shall have custom configured chilled water evaporator coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications).

EVAPORATIVE COOLING SECTION

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material) (rigid glass fiber material-UL rated). Equipment shall include (1" or 2" pre-filters) and (drain and fill kit) and (water hammer arrestor).)

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC make-up air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached modules:- (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls with direct-coupled 24VAC spring return actuators. Construction of mixing box will be double wall, [insulated] [high density insulated]. Without a mixing box the (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (Horizontal supply with downturn plenum) (screened horizontal supply air inlet opening with duct flanges). (The unit shall have outside air hood with permanent filters designed for 100% unit air flow from outside with zero water/snow entrainment. The hood shall meet ASHRAE std 62.1 entrainment intent.)

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [slab mounting] [roof mounting with curb]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)



SAMPLE SPECIFICATION MODEL RDH (cont'd)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges) (downturn plenum [with on/off damper]); (firestat); (discharge temperature low limit), (high, low, or high and low gas pressure switches); and (relays). The following accessories will be provided: (gas pressure regulator) (remote console) and (roof curb).

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience commercial/industrial HVAC equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

SAMPLE SPECIFICATION MODEL PEH & PXH

INDOOR, ELECTRIC/HOT WATER HEATING, COOLING, MAKEUP AIR UNITS

GENERAL

Provide packaged, indoor heating (and cooling) units as Reznor brand equipment.

Provide packaged, indoor heating and makeup air, power-vented units as Reznor brand equipment. The units shall be (PEH series with electric heat) (PXH air handling unit) for ceiling suspension or slab or floor mounting. The unit shall be specifically designed for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, hot water heat, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked to prevent heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

ELECTRIC HEAT SECTION

(Model PEH only)

(Unit shall include blow through electric resistance heating section using open element with insulated ceramic bushing, fuses, contactors, auto reset high temperature limit switch and other necessary safety devices. Provide capacity sizes and staged/modulating control as shown on the schedule. The furnace shall be equipped with all required safety elements. Unit shall have a (one-stage heat control for recalculating air space temperature control) (2-stage heat control for recalculating air space temperature control) (2-stage heating/3-stage cooling digital controller for MUA applications with space temperature reset) (SCR electronic modulation heating /3-stage cooling digital for MUA applications with space temperature reset.)

HOT WATER HEATING SECTION

(Model PXH only)

(Unit shall have custom configured hot water coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% Ethylene) (___% Propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom hot water coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The coil shall have 1 - 4 rows, 8 – 14 fins per inch, fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) Hot water control valve shall be provided by temperature controls contractor.)

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 – 14 (aluminum) (copper) fins per inch, 200 to 500 FPM air flow, and ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.)

(Unit shall have custom configured chilled water evaporator coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 – 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications).

EVAPORATIVE COOLING SECTION

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material, rigid glass fiber material-UL rated). Equipment shall include (1" or 2" pre filters) (drain and fill kit) (water hammer arrestor) and (freeze protection).

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC makeup air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have label terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls or MUA with direct-coupled 24VAC spring return actuators. Construction of mixing box will be (single wall, insulated)(double wall, [insulated] [high density insulated]). Without a mixing box the (single wall, insulated) (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply opening) (screened horizontal supply opening) (horizontal supply air inlet opening with duct flanges) (screened horizontal supply air inlet opening with duct flanges).

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [floor mounting] [slab mounting] [ceiling suspension from (4) (6) (8) point base suspension]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (duct flanges); (discharge louvers [horizontal] [horizontal and vertical]); (firestat); (discharge temperature low limit), and (relays). The following accessories will be provided: (downturn nozzle [25- 65° with or without vertical louvers] [50-90° with or without vertical louvers]); (gas pressure regulator); and (remote console)

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. See specific information for sizes and capacities. Product manufacturer must have minimum of 40 years of experience with commercial/industrial HVAC equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.

**MODEL REH & RXH
OUTDOOR, ELECTRIC/HOT WATER HEATING, COOLING, MAKEUP AIR UNITS****GENERAL**

Provide packaged, Outdoor heating (and cooling) units as Reznor brand equipment.

The units shall be (the REH series utilizing electric heating elements) (RXH air handling unit) designed for rooftop or outdoor slab installation. The unit shall be specifically design for make-up air and space control applications, meeting all the requirements found in AHSRAE standard 90.1 and 62.2. The unit shall be modular such that DX cooling, DX cooling with reheat, chilled water cooling, evaporative cooling, hot water heat, and mixing box sections can be added to the unit configuration.

POWER

All units shall be equipped for use with (115/1) (208/1) (230/1) (208/3) (230/3) (460/3) (575/3) unit supply voltage. The unit shall have single power connection for 3 phase or 1 phase wiring with factory installed distribution blocks. The unit shall have (unit mounted, non-fusible, NEMA 4X, lockable disconnect switch) (factory supplied, field installed, non-fusible, lockable, NEMA 1) field mounted disconnect switch) (factory supplied, field installed, fusible, lockable, NEMA 1 disconnect switch). The control voltage wiring shall be class 2, 120Vac and/or 24Vac/dc. Unit shall have (over/under voltage or phase loss protection); (factory supplied, field powered convenience outlet ground-fault circuit interrupter).

BLOWER & CONTROLS

The base unit blower shall include an adjustable belt-driven centrifugal fan with (open dripproof) (totally enclosed) motor (motors must meet EISA specifications for efficiency). The motor shall have [rubber][spring] vibration isolated with (contactor) (motor starter) (variable frequency drive). Fan shall have air proving switch inter-locked to prevent heat operation when the fan is not operational. The blower shall use (solid-belt) (linked belt). The blower assembly shall be factory set to specified CFM at the given static pressure. The blower assembly shall have adjustable sheave for airflow adjustment. (The blower assembly shall be shipped with spare belts). Unit shall have [2" disposable] [2" permanent] [2" pleated] [4" MERV 8] [4" MERV 13 pleated] filters.

ELECTRIC HEAT SECTION**(REH only)**

(Unit shall include blow through electric resistance heating section using open element with insulated ceramic bushing, fuses, contactors, auto reset high temperature limit switch and other necessary safety devices. Provide capacity sizes and staged/modulating control as shown on the schedule. The furnace shall be equipped with all required safety elements. Unit shall have a (one-stage heat control for recalculating air space temperature control) (2-stage heat control for recalculating air space temperature control) (2-stage heating/3-stage cooling digital controller for MUA applications with space temperature reset) (SCR electronic modulation heating /3-stage cooling digital for MUA applications with space temperature reset).)

HOT WATER HEATING SECTION**(RXH only)**

(Unit shall have custom configured hot water coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be design for (___% Ethylene) (___% Propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom hot water coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The coil shall have 1 - 4 rows, 8 - 14 fins per inch, fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) Hot water control valve shall be provided by temperature controls contractor.)

COOLING SECTION

Unit shall have draw thru cooling coil section that can provide condition of air per the schedule. The coil module shall be configurable to handle DX or chilled water coil. The coil module shall have double wall construction with insulation value of (R-3.8) (R 4.4). Coil cabinet shall have sloped slide out stainless steel drain pan under all coils per ASHRAE std 62.1. The airflow shall be limited to 500 FPM to prevent water blow off from the coil. (Cooling coil cabinet to include UVC lamp for neutralization of VOCs and microorganisms for improved IAQ).

(Unit shall have custom configured DX evaporator coil to maximize thermal efficiency and system performance with the selected condenser unit. The coil shall be (single circuit) (two stage 50%-50% dual interlaced) (3 stage 33%-66% interlaced) (2 Stage unequal 40% -60% interlaced). The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom coil shall have 3 to 6 rows, 8 - 14 fins per inch, 200 to 500 FPM air flow, and ½" or 3/8" tube size to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications.) (Unit shall be supplied with thermal expansion valve for each circuit.) (Unit shall be equipped with unit mounted reheat. Reheat system shall be self contained requiring no external piping connections. The reheat shall provide useful primary cooling of entering air meeting ASHRAE std 90.1 efficiency guidelines. The reheat coil position shall include a minimum separation of 4" from the cooling coil to eliminate re-evaporation of cooling coil condensate. Modulating capacity control not required unless necessary to maintain proper discharge air control.)

(Unit shall have custom configured chilled water evaporator coil to maximize thermal efficiency and system performance with the given GPM and fluid temperatures. The coil shall be designed for (___% ethylene) (___% propylene) (No) glycol. (The coil shall have turbospiral tubes for fluids with glycol percentages above 20%.) The coils shall have (left) (right) hand connections. Coil casing shall have (galvanized) (stainless steel) material construction. The custom chilled water evaporator coil shall have quarter, half, ¾ or full circuiting to meet the schedule performance. The evaporator coil shall have 4 or 6 rows, 8 - 14 fins per inch, 200 to 500 FPM air flow, and fluid pressure drop less than 18 psi to meet the scheduled performance. Manufacturer shall provide detail coil performance sheet. Tube size shall be 1/2" or 3/8" to meet the given schedule coil performance. (Coil shall have electro-fin polymeric coating for sea coast and other corrosive environment applications).

**EVAPORATIVE COOLING
SECTION**

(Provide evaporative cooling module as manufactured as Reznor brand for makeup air application. Cabinet shall be constructed of weatherized (aluminized steel) (stainless steel) for outdoor installation. A mesh screen will cover the air intake opening. Unit shall be provided with height adjustable legs. Units shall be equipped with terminal block wiring for use with 115 (208, 230) volt supply voltage. Cabinet bottom shall have overflow and drain connections and a 300 series grade stainless steel water reservoir. Module shall be equipped with pump and float control system including electrical motor with stainless steel arm, thermally protected water pump, float switch and bleed line connections (Aqua Saver water metering system with solenoid valve and timer). Evaporative cooling media supplied to be 12 inches in size and to be made of (rigid cellulose material), (rigid glass fiber material-UL rated). Equipment shall include (1" or 2" pre-filters) and (drain and fill kit) and (water hammer arrestor).)

CONTROLS

Unit shall be equipped with factory installed contactors, relays, sensor, switches to perform (analog discharge air control) (DDC make-up air with space temperature reset control. The unit shall control blower, heating, cooling & reheat functions.) (External BMS interface control) (Space thermostat control). The unit shall have labeled terminal blocks and unit mounted ladder logic wiring diagram.

CABINET

Packaged unit may have factory-attached: (mixing box for inlet air with selection of outside and return entering air configurations [top, bottom, rear combinations with or without screens], outside or outside and return air dampers modulating economizer controls with direct-coupled 24VAC spring return actuators. Construction of mixing box will be double wall, [insulated] [high density insulated]). Without a mixing box the (double wall [insulated] [high density insulated]) blower section shall be supplied with (horizontal supply air inlet opening with duct flanges) (Horizontal supply with downturn plenum) (screened horizontal supply air inlet opening with duct flanges). (The unit shall have outside air hood with permanent filters designed for 100% unit air flow from outside with zero water/snow entrainment. The hood shall meet ASHRAE std 62.1 entrainment intent.)

The packaged system shall have a pre-coat RAL 1001 white paint finish. Finish shall be a minimum 80 gloss on G30 galvanized steel. Cabinet shall be arranged for [slab mounting] [roof mounting with curb]. Control, burner, and blower service compartment doors shall be hinged. Blower door hardware shall be heavy duty stainless. Control and burner door hardware shall have heavy duty external hardware. (Cabinet shall have through-the-base electrical supply knockout.)

OPTIONAL ACCESSORIES

The following features will be factory installed: (firestat); (discharge temperature low limit), (downturn plenum [with on/off damper]) and (relays). The following accessories will be provided: (roof curb); and (remote console).

CERTIFICATIONS

The packaged heating and cooling system shall be design-certified to ANSI Z83.8 and CSA 2.6 Standards. The energy usage shall be designed to meet ASHRAE Standard 90.1. Product manufacturer must have minimum of 40 years of experience with commercial/industrial HVAC equipment. Product to be warranted to the original owner/user to be free from defects in material or workmanship. Limited warranty to be for twelve (12) months from date of installation or eighteen (18) months from date of shipment from manufacturer, whichever occurs first.



DESCRIPTION

The M series condensing units are optimized for use with any of the Reznor PREEVA series of indirect fired HVAC systems. The M series can be used with other Reznor equipment with appropriate evaporator coils or with other brand air handlers when properly selected, matched and installed.

The M series utilizes non-ozone depleting R-410A refrigerant. Dual circuits and scroll compressors are standard. The system is designed to achieve three stages of cooling. The cooling capacities range from 5 to 20 tons at full load.

The three-stage (1/3, 2/3, 3/3) design makes the M series/PREEVA combination very efficient in overall seasonal energy use. This is due to the fact that while applications are generally sized to design conditions, a major portion of the total operation time is at conditions less than design. In addition to the added energy efficiency, other advantages include smoother load response across the range of operating conditions. Plus fewer on/off cycles, as compared to conventional single or two stage systems, results in reduced cycling and improves reliability. For more information see the "Cooling Advantages" section of this catalog.

Besides the superior operational design, the M series is also designed in an attractive cabinet, optimized for performance and overall size. The cabinet is constructed of G-90 coated material with a primer on the interior surfaces. A pre-coat off-white gloss finish is applied so the unit will stay cleaner, brighter and better looking for a long period of time. Complete access to all electric and compressor parts is provided to enhance installation and service ease.

To further enhance performance and corrosion resistance the M series uses the latest aluminum micro-channel heat transfer technology. This rugged and proven technology is used in automotive AC condensing coils and provides superior performance with lower weight.

For information on selecting the right size condensing section, please use appropriate Reznor software (RezPro® Toolbox) or contact your Reznor Representative by calling 800-695-1901.

STANDARD FEATURES

- Non-ozone depleting, R-410A refrigerant
- Normal operating range 55° to 115°F ambient
- Dual compressor system to provide 3 stage capacity control - 1/3, 2/3 or full
- Pre-coat off-white gloss cabinet finish, G-90 coated material on exterior surface and primer on interior surface, 60 gloss, meets ASTM B117 specification for salt spray to 1,000 hours
- Service access door
- Corrosion resistant, easily cleanable, aluminum micro-channel condenser coil
- Liquid line filter driers - shipped loose with unit for field installation
- Refrigerant receiver for each circuit
- Fork lift openings built into the heavy gauge base
- 208-230/3/60 unit supply voltage (20 ton unit available in 460/3/60 only)
- 24 Volt Controls
- 75VA transformer with manual reset circuit breaker
- Isolation relay on control circuit
- High and low pressure switches
- Service valves on liquid and suction lines
- Angled condenser coil to prevent damage
- UL Listed for use in U.S. and Canada (UL 1995 Heating and Cooling Equipment)
- CE Approved to ENV 327 and EuroVent 7.1 and 8.1

FACTORY-INSTALLED OPTIONS

- 5 minute anti-short cycle timer
- Optional five (5) year limited warranty on compressors available
- ElectroFin™ condenser coil corrosion protection coating
- Condenser coil guard
- 460/3/60, 575/3/60, 220/3/50, 400/3/50 unit supply voltage
- Internal capacity control for circuit A only or circuits A and B
- Interfaces for 3 stages of cooling to modulating signal from room thermostat (Option CL36)

FIELD-INSTALLED OPTIONS

- Fusible and non-fusible disconnect switches

TECHNICAL DATA

MASA Size		60	90	120	150	180	240
Nominal Capacity (Tons)		5	7.5	10	12.5	15	20
Heat Rejection Capacity (Btu/h)	Circuit A	21,300	31,200	41,800	57,200	64,300	92,000
	Circuit B	38,000	59,500	84,400	107,300	135,200	154,000
Fan Motor Power (W)		345	345	690	690	690	690
EER		11.2	13.0	12.5	12.7	11.8	11.5
Operating Weight	lbs	440	461	632	699	749	771
	(kg)	(200)	(209)	(287)	(317)	(340)	(350)
Connection Outlet Sizes - Condensing Unit (inches)	Circuit A - Suction Line	7/8					
	Circuit B - Suction Line	7/8			1 3/8		
	Circuit A - Liquid Line	1/2					
	Circuit B - Liquid Line	1/2				5/8	
Filter Drier Connection Size (inches)	Circuit A - Liquid Line	1/2					7/8
	Circuit B - Liquid Line	1/2					1 3/8

Condensing unit rating are at 45°F SST and 95°F entering air temperature
Unit rated in accordance with ARI 365.

NOTE: For more condenser performance data, see the back pages of the online catalog PDF file.

ELECTRICAL DATA

MASA Size	Voltage Volts-Ph-Hz	Voltage Range		Compressor Circuit A		Compressor Circuit B		Condenser Fan Motors		Power Supply	
		Min	Max	RLA	LRA	RLA	LRA	Qty	FLA (ea.)	MCA	MOP
060	208/230-3-60	187	253	8.6	55.0	14.6	83.1	1	4.0	30.9	45
	460-3-60	414	506	4.4	22.4	6.8	41.0		2.0	14.9	20
	220-3-50	198	242	8.6	56.0	14.1	80.7		3.8	30.0	40
	400-3-50	360	440	4.4	24.0	6.7	43.0		1.9	14.7	20
090	208/230-3-60	187	253	10.0	71.0	22.9	155.0	1	4.0	42.6	60
	460-3-60	414	506	6.3	38.0	10.7	75.0		2.0	21.7	30
	220-3-50	198	242	10.4	78.0	22.9	170.0		3.8	42.8	60
	400-3-50	360	440	5.9	38.0	10.7	74.0		1.9	21.2	30
120	208/230-3-60	187	253	14.6	83.1	27.9	164.0	2	4.0	57.5	80
	460-3-60	414	506	6.8	41.0	13.6	100.0		2.0	27.8	50
	220-3-50	198	242	14.1	80.7	27.9	179.0		3.8	56.6	80
	400-3-50	360	440	6.7	43.0	13.6	101.0		1.9	27.5	35
150	208/230-3-60	187	253	20.2	137.0	33.6	225.0	2	4.0	70.2	100
	460-3-60	414	506	10.0	62.0	18.6	114.0		2.0	37.3	50
	575-3-60	523	632	7.6	50.0	13.6	80.0		1.5	27.6	40
	220-3-50	198	242	20.2	150.0	33.6	170.0		3.8	69.8	100
	400-3-50	360	440	10.0	64.0	18.6	111.0		1.9	37.1	50
180	208/230-3-60	187	253	22.9	155.0	37.1	239.0	2	4.0	77.3	100
	460-3-60	414	506	10.7	75.0	20.0	125.0		2.0	39.7	60
	575-3-60	523	632	8.5	54.0	14.3	80.0		1.5	29.4	40
	220-3-50	198	242	22.9	170.0	38.6	239.0		3.8	78.8	100
	400-3-50	360	440	10.7	74.0	20.0	118.0		1.9	39.5	50
240	208/230-3-60	187	253	27.9	164.0	57.1	300.0	2	4.0	107.3	150
	460-3-60	414	506	13.6	100.0	25.7	150.0		2.0	49.7	70
	575-3-60	523	632	10.0	78.0	22.1	109.0		1.5	40.6	60
	220-3-50	198	242	27.9	179.0	52.1	295.0		3.8	100.6	125
	400-3-50	360	440	13.6	101.0	25.0	140.0		1.9	48.7	70

REZNOR®

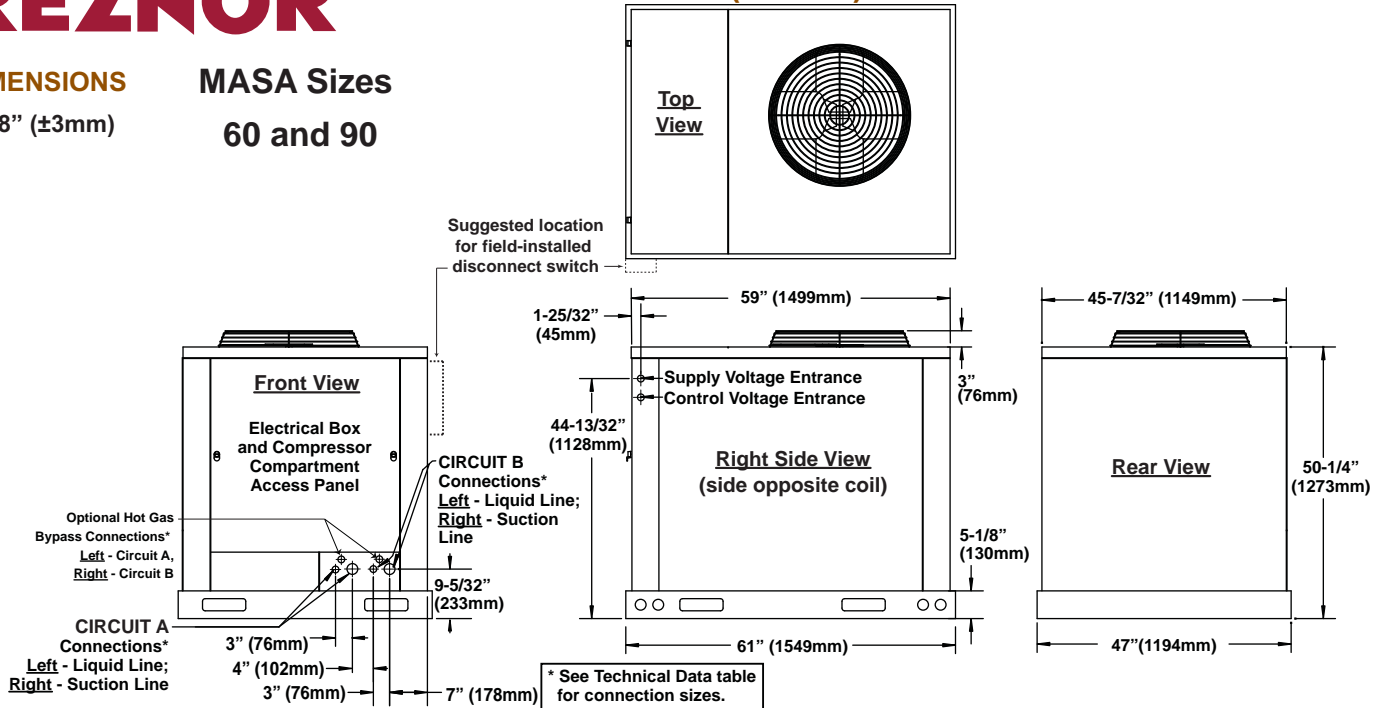
Model MASA (cont'd)

DIMENSIONS

±1/8" (±3mm)

MASA Sizes

60 and 90



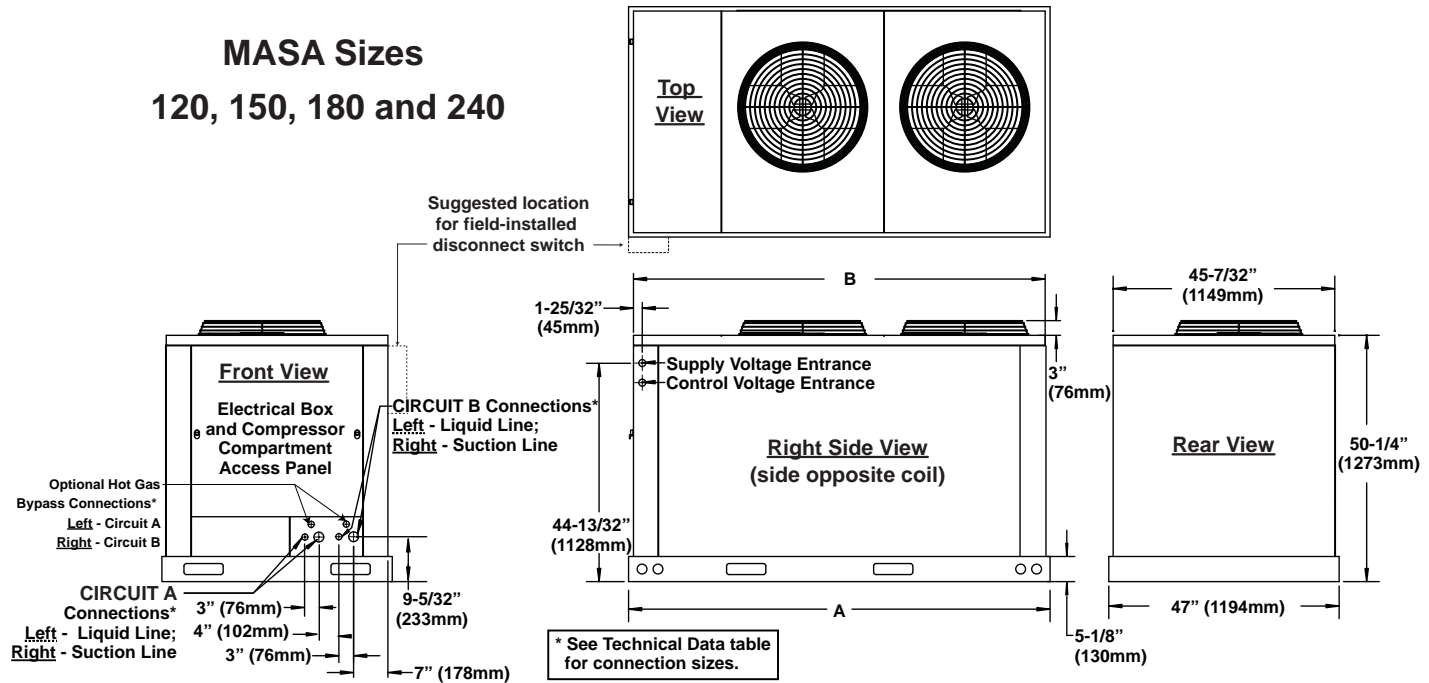
CLEARANCES

The recommended service clearance is 48" (1,219mm). The recommended clearance applies to all sizes of the Reznor condensing unit. Inlet airflow and top discharge airflow **MUST** be unrestricted. The **MANDATORY** top discharge clearance is 60" (1,524mm).

For details and exceptions, see the Installation/Parts/Service - Unit Installation Manual - MASA - Form I-COND available at ReznorHVAC.com.

MASA Sizes

120, 150, 180 and 240



MASA	A		B	
Sizes	Inches	(mm)	Inches	(mm)
120, 150	86	(2,184)	84	(2,134)
180, 240	110	(2,794)	108	(2,743)



R-410A THERMAL EXPANSION VALVES

Thermal Expansion Valves for PREEVA Split System								
Circuit Capacity*	Distributor Connection Size							
	5/8"		7/8"		1-1/8"		1-3/8"	
Max. MBH	Opt	Capacity	Opt	Capacity	Opt	Capacity	Opt	Capacity
1.82	T41A	1.5 Tons	T41B	1.5 Tons				
2.39	T42A	2 Tons	T42B	2 Tons				
3.32	T43A	3 Tons	T43B	3 Tons				
4.36	T44A	4 Tons	T44B	4 Tons	T44C	4 Tons		
6.23			T46B	6 Tons	T46C	6 Tons		
8.30			T48B	8 Tons	T48C	8 Tons	T48D	8 Tons
12.60			T4EB	15 Tons	T4EC	15 Tons	T4ED	15 Tons

* Based on 40°F evaporator temperature with 120 psi pressure drop (across the valve)

M Series Sound Power Level

MASA Model	Component		DBA Level/Avg	Avg. Sound Pressure Level (Lp) ^A
	ID	Model		
060	Comp. A	ZP20K	70.5	80.7
	Comp. B	ZP39K	73.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2			
090	Comp. A	ZP29K	71.5	81.0
	Comp. B	ZP57K	76.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2			
120	Comp. A	ZP39K	73.5	82.5
	Comp. B	ZP83K	77.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2	TNT2604-21	85.0	
150	Comp. A	ZP54K	74.5	82.7
	Comp. B	ZP103K	79.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2	TNT2604-21	85.0	
180	Comp. A	ZP57K	76.5	83.1
	Comp. B	ZP120K	81.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2	TNT2604-21	85.0	
240	Comp. A	ZP83K	77.5	83.4
	Comp. B	ZP154K	82.5	
	Condenser Fan 1	TNT2604-21	85.0	
	Condenser Fan 2	TNT2604-21	85.0	

^A Average Sound Pressure Level reflects a measurement of 5 feet from the unit and is expressed in decibels (dB).

SAMPLE SPECIFICATION

M-Series Condensing Unit

SAMPLE SPECIFICATION

Provide a condensing section for a split system as Reznor® brand equipment. The units shall be the Model MASA designed for outdoor mounting. Unit shall be compatible with Reznor split system.

Unit shall use non-ozone depleting, R-410A Refrigerant.

Unit shall have dual circuits with independent scroll compressors capable of operating in stages to operate at 1/3, 2/3 and 3/3 capacity as needed. Condensing section to be shipped pre-charged with nitrogen. Unit shall have an angled aluminum micro-channel type condensing coil (with an ElectroFin™ coating for protection from corrosion). (A coil guard will be included for protecting the condensing section.) Dual circuits shall have independent liquid line receivers.

All units shall be equipped for use with (208-230/3/60) (480/3/60) (575/3/60) (220/3/50) (400/3/50) supply voltage (with field-installed, [fusible] [non-fusible] disconnect switch). A 75 VA transformer with manual circuit breaker shall be included to provide independent secondary control voltage. Control circuit shall have isolation relay.

The unit shall have a corrosion protective pre-coat RAL 9001 white paint finish. Finish shall be a minimum 60 gloss with G90 substrate and meet ASTM B117 specification for salt spray to 1,000 hours. Inside cabinet shall also have corrosion protective finish.

Heavy gauge metal base cabinet will have fork lift openings to assist in installation.

All circuits shall have high and low pressure switches and liquid receivers. Service valves with gauge ports shall be supplied on liquid and suction lines. Liquid line filter driers shall be shipped loose with the unit for field installation.

Additional options to include: (5 minute anti-short-cycle timer).

See specific information for sizes and capacities.

Product manufacturer must have minimum of 40 years of experience with manufacturing HVAC Equipment.

HP	Motor Type	Motor F.L.A.	Motor RPM	Voltage	PH
0.25	OPEN	4.6	1750	120	1
0.25	OPEN	2.3	1750	208	1
0.25	OPEN	2.3	1750	240	1
0.25	OPEN	1.1	1750	208	3
0.25	OPEN	1.4	1750	240	3
0.25	OPEN	0.8	1750	480	3
0.25	TEFC	6.5	1750	120	1
0.25	TEFC	2.8	1750	208	1
0.25	TEFC	3.2	1750	240	1
0.25	TEFC	1.1	1750	208	3
0.25	TEFC	1.1	1750	240	3
0.25	TEFC	0.5	1750	480	3
0.33	OPEN	6.0	1750	120	1
0.33	OPEN	3.0	1750	208	1
0.33	OPEN	3.0	1750	240	1
0.33	OPEN	1.4	1750	208	3
0.33	OPEN	1.6	1750	240	3
0.33	OPEN	0.8	1750	480	3
0.33	TEFC	4.6	1750	120	1
0.33	TEFC	2.3	1750	208	1
0.33	TEFC	2.4	1750	240	1
0.33	TEFC	1.2	1750	208	3
0.33	TEFC	1.2	1750	240	3
0.33	TEFC	0.6	1750	480	3
0.50	OPEN	8.8	1750	120	1
0.50	OPEN	5.1	1750	208	1
0.50	OPEN	4.4	1750	240	1
0.50	OPEN	2.5	1750	208	3
0.50	OPEN	3.0	1750	240	3
0.50	OPEN	1.5	1750	480	3
0.50	OPEN	0.9	1750	575	3
0.50	TEFC	7.2	1750	120	1
0.50	TEFC	3.5	1750	208	1
0.50	TEFC	3.6	1750	240	1
0.50	TEFC	2.3	1750	208	3
0.50	TEFC	2.0	1750	240	3
0.50	TEFC	1.0	1750	480	3
0.50	TEFC	0.7	1750	575	3
0.75	OPEN	11.0	1750	120	1
0.75	OPEN	6.3	1750	208	1
0.75	OPEN	5.5	1750	240	1
0.75	OPEN	2.9	1750	208	3
0.75	OPEN	2.6	1750	240	3
0.75	OPEN	1.3	1750	480	3
0.75	OPEN	1.0	1750	575	3
0.75	TEFC	11.0	1750	120	1
0.75	TEFC	5.4	1750	208	1
0.75	TEFC	5.5	1750	240	1
0.75	TEFC	2.0	1750	208	3
0.75	TEFC	2.2	1750	240	3
0.75	TEFC	1.1	1750	480	3
0.75	TEFC	0.8	1750	575	3
1.00	OPEN	13.0	1750	120	1
1.00	OPEN	7.5	1750	208	1
1.00	OPEN	6.5	1750	240	1
1.00	OPEN	4.0	1750	208	3
1.00	OPEN	3.7	1750	240	3
1.00	OPEN	2.0	1750	480	3
1.00	OPEN	1.4	1750	575	3

HP	Motor Type	Motor F.L.A.	Motor RPM	Voltage	PH
1.00	TEFC	12.0	1750	120	1
1.00	TEFC	6.2	1750	208	1
1.00	TEFC	6.0	1750	240	1
1.00	TEFC	3.3	1750	208	3
1.00	TEFC	3.1	1750	240	3
1.00	TEFC	1.6	1750	480	3
1.00	TEFC	1.4	1750	575	3
1.50	OPEN	15.0	1750	120	1
1.50	OPEN	7.8	1750	208	1
1.50	OPEN	7.5	1750	240	1
1.50	OPEN	5.6	1750	208	3
1.50	OPEN	5.0	1750	240	3
1.50	OPEN	2.8	1750	480	3
1.50	OPEN	2.0	1750	575	3
1.50	TEFC	16.4	1750	120	1
1.50	TEFC	9.5	1750	208	1
1.50	TEFC	8.2	1750	240	1
1.50	TEFC	4.8	1750	208	3
1.50	TEFC	4.6	1750	240	3
1.50	TEFC	2.3	1750	480	3
1.50	TEFC	1.6	1750	575	3
2.00	OPEN	24.6	1750	120	1
2.00	OPEN	12.3	1750	208	1
2.00	OPEN	12.3	1750	240	1
2.00	OPEN	7.0	1750	208	3
2.00	OPEN	6.6	1750	240	3
2.00	OPEN	3.5	1750	480	3
2.00	OPEN	2.6	1750	575	3
2.00	TEFC	24.0	1750	120	1
2.00	TEFC	8.3	1750	240	1
2.00	TEFC	6.1	1750	208	3
2.00	TEFC	5.6	1750	240	3
2.00	TEFC	2.8	1750	480	3
2.00	TEFC	2.3	1750	575	3
3.00	OPEN	13.7	3600	208	1
3.00	OPEN	12.4	3600	240	1
3.00	OPEN	9.0	3600	208	3
3.00	OPEN	8.6	3600	240	3
3.00	OPEN	4.3	3600	480	3
3.00	OPEN	3.6	3600	575	1
3.00	TEFC	30.0	3600	120	1
3.00	TEFC	15.0	3600	240	3
3.00	TEFC	7.9	3600	208	3
3.00	TEFC	7.2	3600	240	3
3.00	TEFC	3.6	3600	480	3
3.00	TEFC	2.8	3600	575	3
5.00	OPEN	25.5	3600	208	1
5.00	OPEN	23.0	3600	240	1
5.00	OPEN	13.4	3600	208	3
5.00	OPEN	13.2	3600	240	3
5.00	OPEN	6.6	3600	480	3
5.00	OPEN	5.4	3600	575	3
5.00	TEFC	20.2	3600	240	1
5.00	TEFC	12.6	3600	208	3
5.00	TEFC	11.4	3600	240	3
5.00	TEFC	5.7	3600	480	3
5.00	TEFC	4.7	3600	575	3



PRODUCT LIMITED WARRANTY

Nortek Global HVAC, LLC warrants to the original owner-user that this product will be free from defects in material or workmanship. This warranty is limited to twelve (12) months from the date of original installation, whether or not actual use begins on that date, or eighteen (18) months from date of shipment, whichever occurs first.

Optional Extended Warranty (Limited to the following models and components)

Extended warranties on components may be purchased. Warranties include:

- Option XW1** - Extended four (4) year non-prorated warranty on compressors. (Models PDH, PEH, PXH, RDH, REH, RHH, RXH, SDH, & SHH). Extended warranty is conditional upon the submission of a properly completed Proof of Check/Test/Startup Form (Model MASA).
- Option XW2** - Extended four (4) year heat exchanger warranty (Models PDH, RDH, RHH, SDH and SHH only). Extended warranty on Model SHH requires selection of optional stainless steel heat exchanger.
- Option XW3** - Extended nine (9) year heat exchanger warranty (Models PDH, RDH, RHH, SDH and SHH only). Extended warranty on Model SHH requires selection of optional stainless steel heat exchanger.

LIMITATIONS AND EXCLUSIONS

Nortek Global HVAC, LLC obligations under this warranty and the sole remedy for its breach are limited to repair, at manufacturer's facility, of any part or parts of this product which prove to be defective; or, in its sole discretion, replacement of such products. All returns of defective parts or products must include the product model number and serial number, and must be made through an authorized distributor or arranged through Customer Service. Authorized returns must be shipped prepaid. Repaired or replacement parts will be shipped F.O.B. shipping point.

1. The warranty provided herein does not cover charges for labor or other costs incurred in the troubleshooting, repair, removal, installation, service or handling of parts or complete products.
2. All claims under the warranty provided herein must be made within ninety (90) days from the date of discovery of the defect. Failure to notify manufacturer of a warranted defect within ninety (90) days of its discovery voids manufacturer's obligations hereunder.
3. The warranty provided herein shall be void and of no effect in the event that (a) the product has been operated outside its designed output capacity (heating, cooling, airflow); (b) the product has been subjected to misuse, neglect, accident, improper or inadequate maintenance, corrosive environments, environments containing airborne contaminants (silicone, aluminum oxide, etc.), or excessive thermal shock; (c) unauthorized modifications are made to the product; (d) the product is not installed or operated in compliance with the manufacturer's printed instructions; (e) the product is not installed and operated in compliance with applicable building, mechanical, plumbing and electrical codes; or (f) the serial number of the product has been altered, defaced or removed.
4. The warranty provided herein is for repair or replacement only. Manufacturer shall not be liable for any loss, cost, damage, or expense of any kind arising out of a breach of the warranty. Further, manufacturer shall not be liable for any incidental, consequential, exemplary, special, or punitive damages, nor for any loss of revenue, profit or use, arising out of a breach of this warranty or in connection with the sale, maintenance, use, operation or repair of any product. In no event will manufacturer be liable for any amount greater than the purchase price of a defective product. The disclaimers of liability included in this paragraph 4 shall remain in effect and shall continue to be enforceable in the event that any remedy herein shall fail of its essential purpose.
5. THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY, AND IS IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES. MANUFACTURER SPECIFICALLY DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. No person or entity is authorized to bind Nortek Global HVAC, LLC to any other warranty, obligation or liability. Installation, operation or use of the product for which this warranty is issued shall constitute acceptance of the terms hereof.

REZNOR®

**For more information on Reznor HVAC Equipment,
contact your local Reznor Representative by calling
800-695-1901.**

**Or, find us on the internet at
ReznorHVAC.com**

In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

Specifications & illustrations subject to change without notice or incurring obligations.

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465E-0318

The following pages are not found in the printed catalog.

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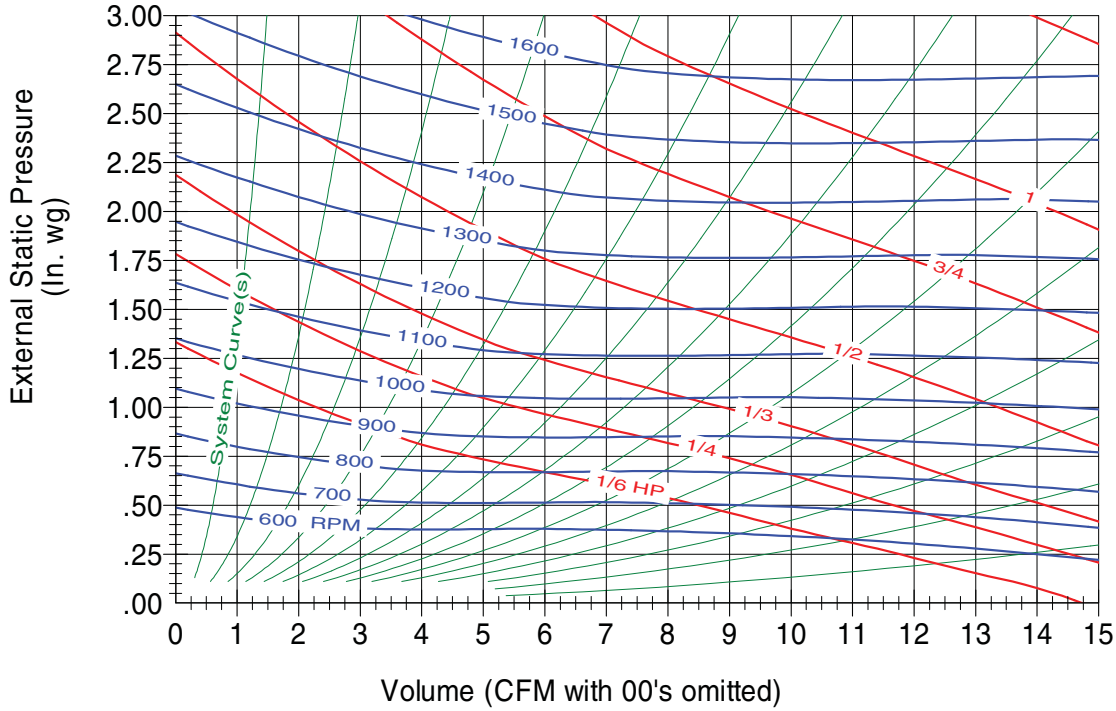
IMPORTANT: Specifications are subject to change without notice. This guide is intended to provide specifications and technical information only.

This guide is not intended to be an instruction manual. When installing heating and ventilating equipment, you must check and conform to all local and national building codes. Improper installation of heating and ventilating equipment could be dangerous. Consult manufacturer's installation manual for instructions and important warnings.

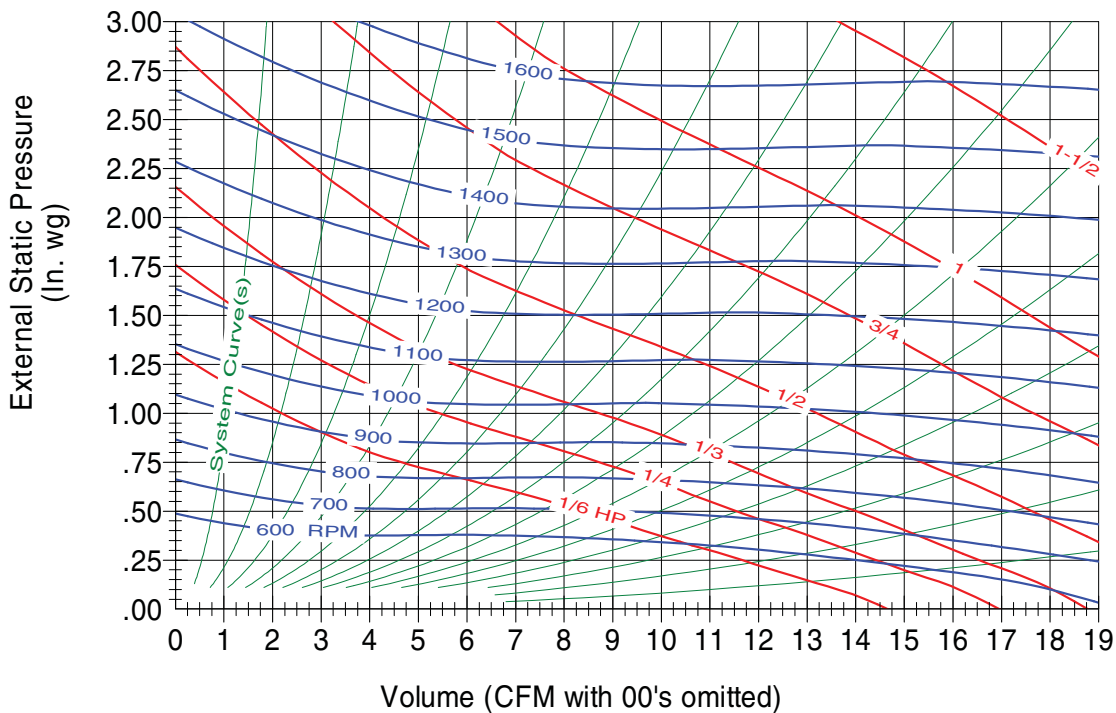
Blower Curves

Models PDH, RDH, and SDH 75

Performance curves based on tests made in accordance with A.M.C.A. 210-85. Tested with discharge duct. Horsepower includes estimated drive losses. Standard air density 0.075 Lb/Cu. Ft.



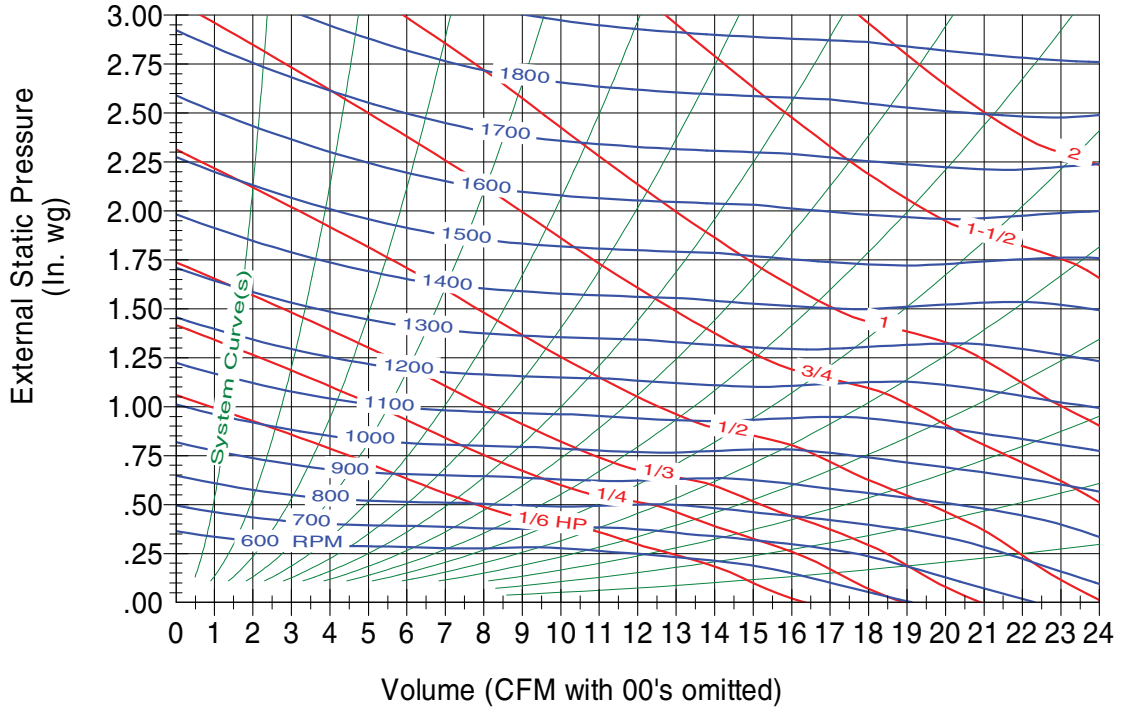
Models PDH, RDH, and SDH 100



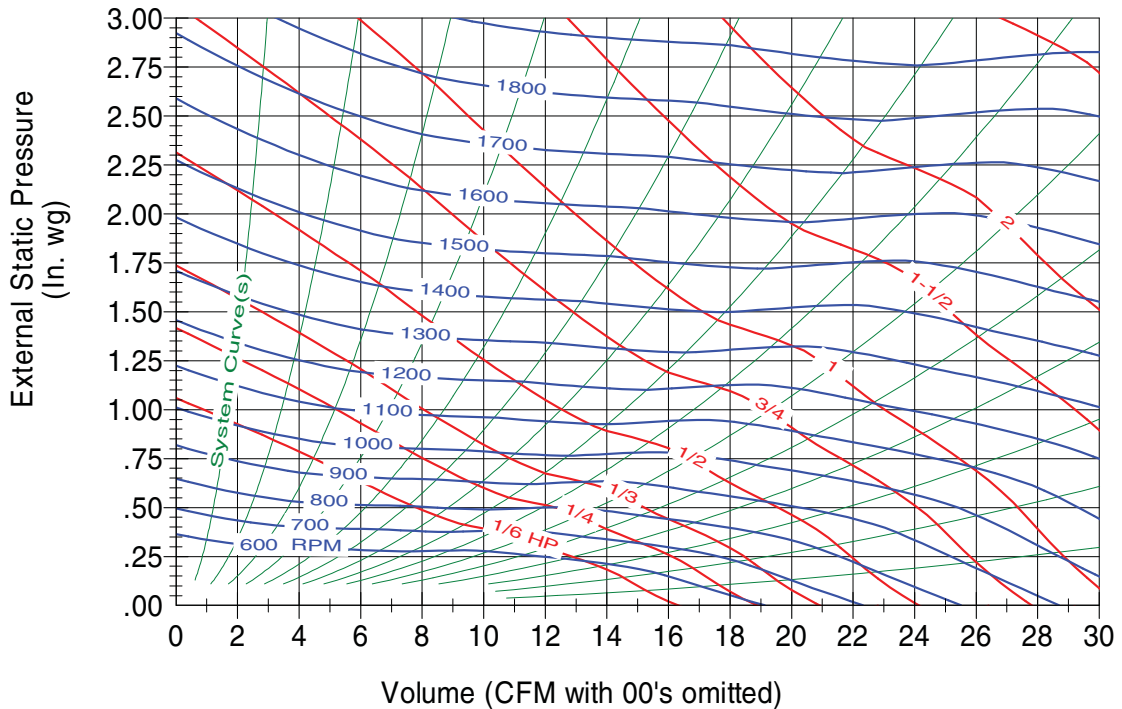
Blower Curves (cont'd)

Models PDH, RDH, and SDH 125

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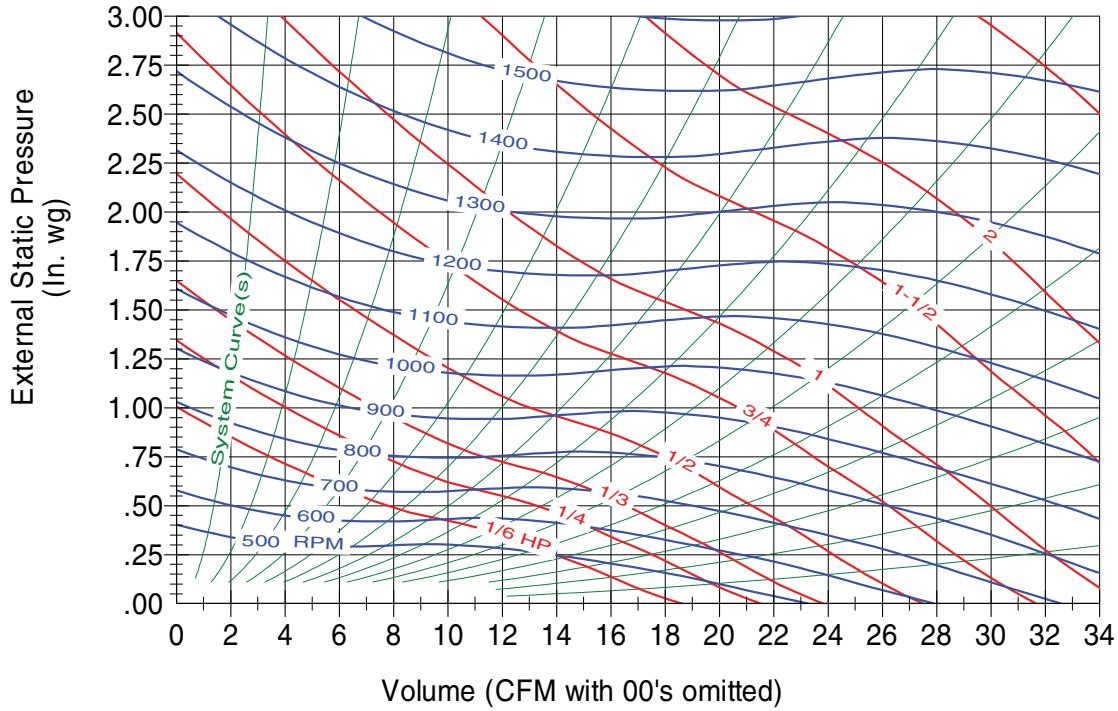
Models PDH, RDH, and SDH 150



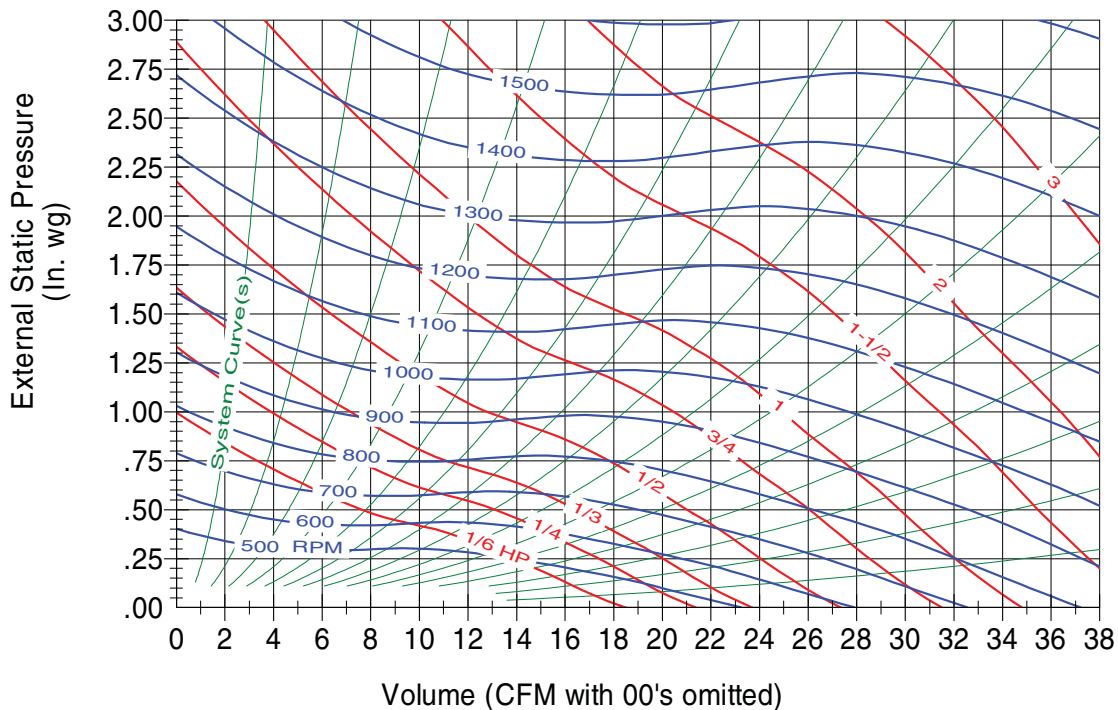
Blower Curves (cont'd)

Models PDH, RDH, and SDH 175

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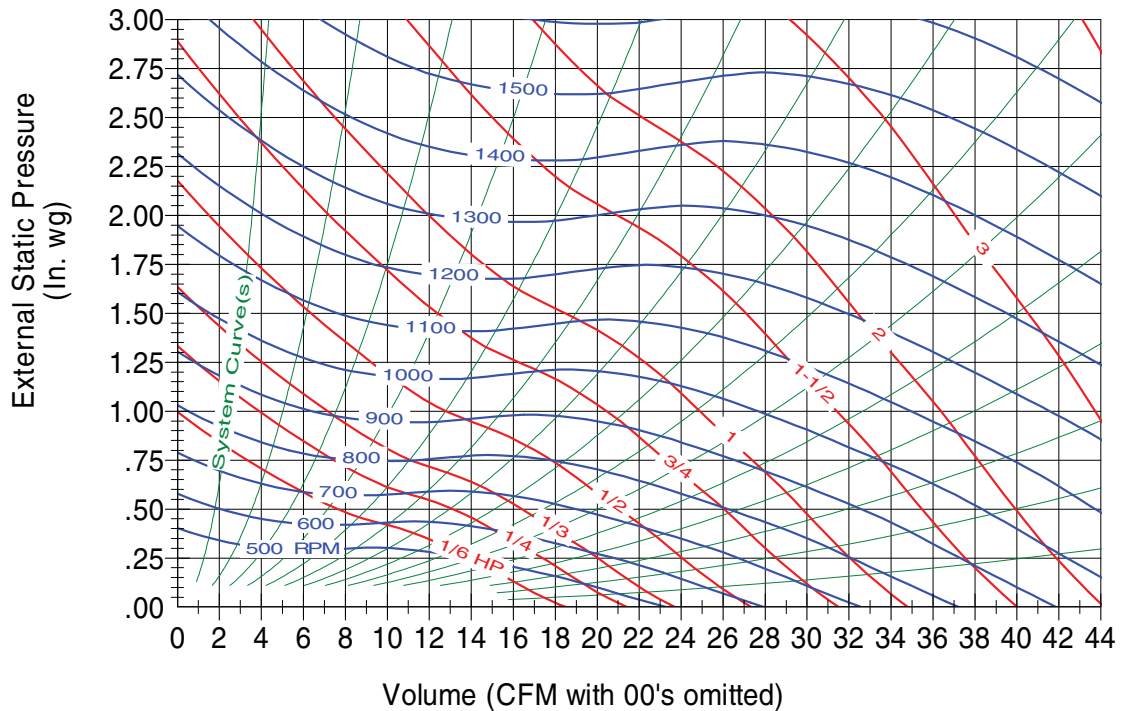
Models PDH, RDH, and SDH 200



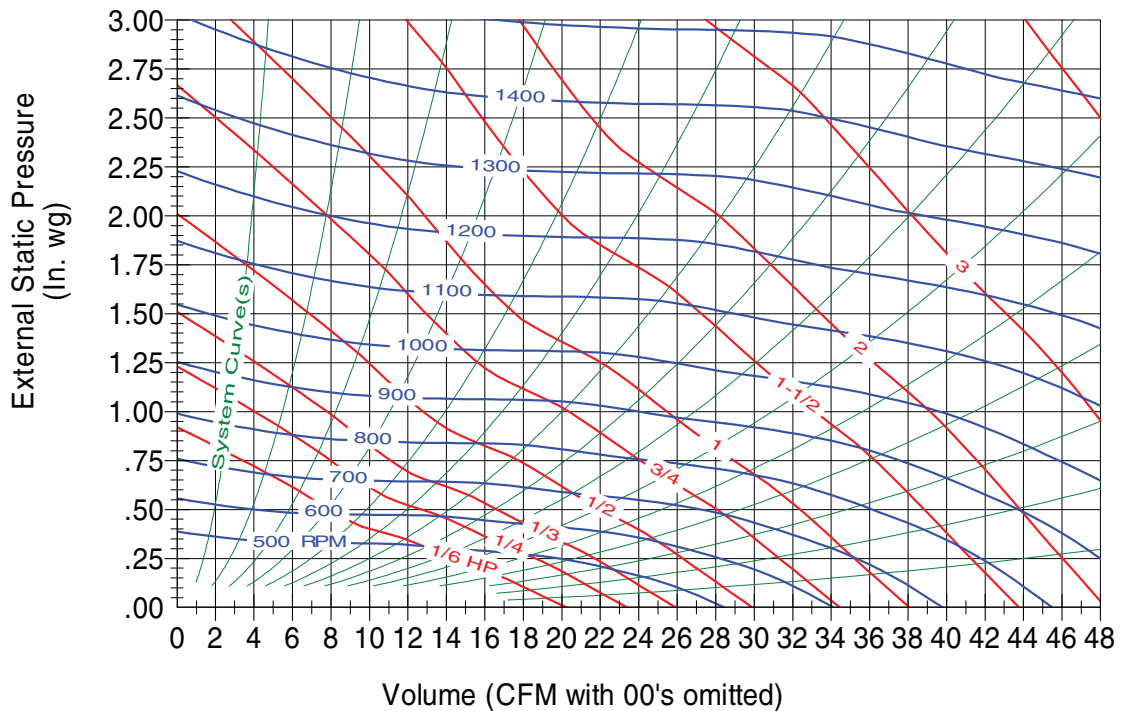
Blower Curves (cont'd)

Models PDH, RDH, and SDH 225

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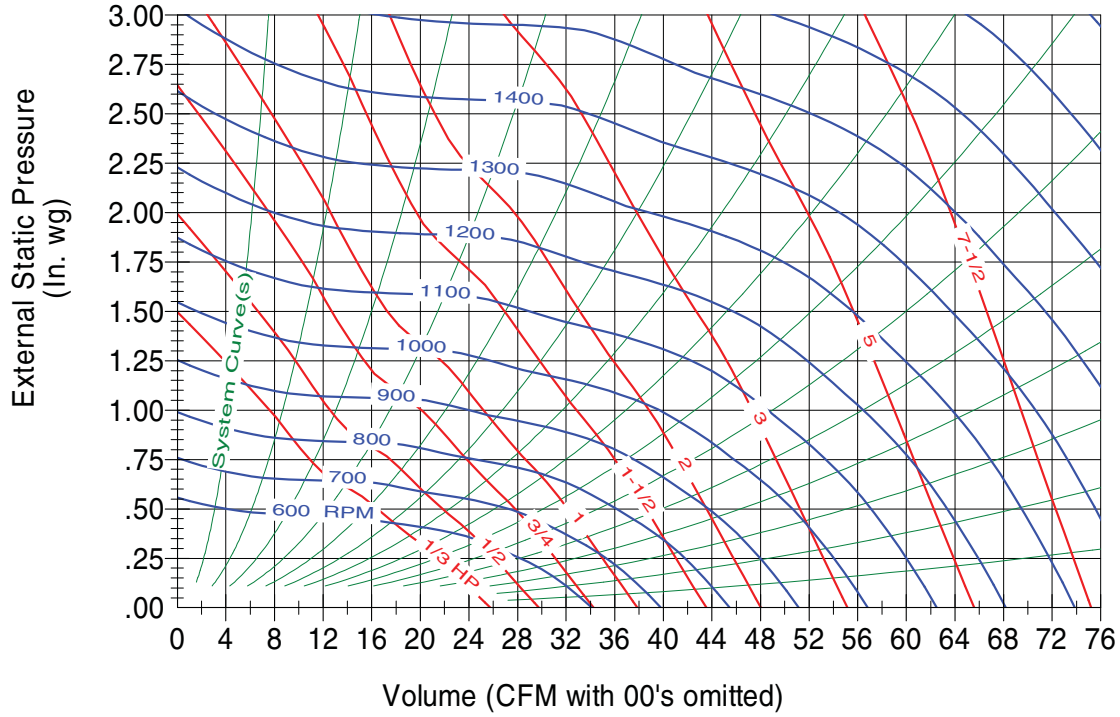
Models PDH, RDH, and SDH 250



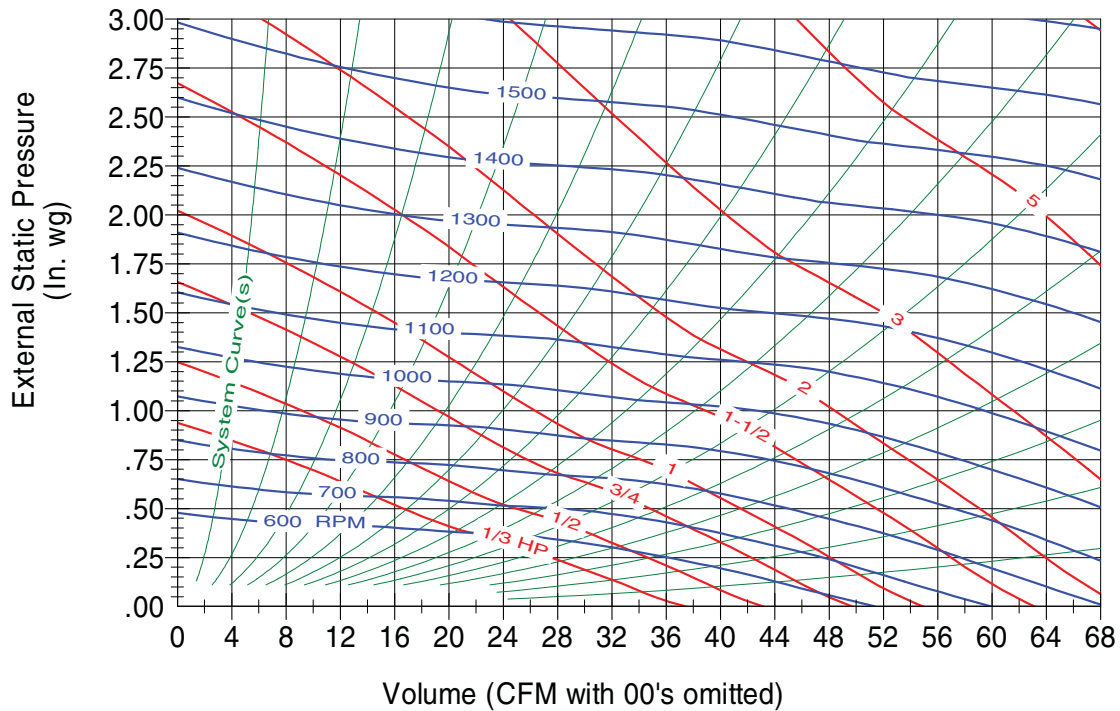
Blower Curves (cont'd)

Models PDH, RDH, and SDH 300

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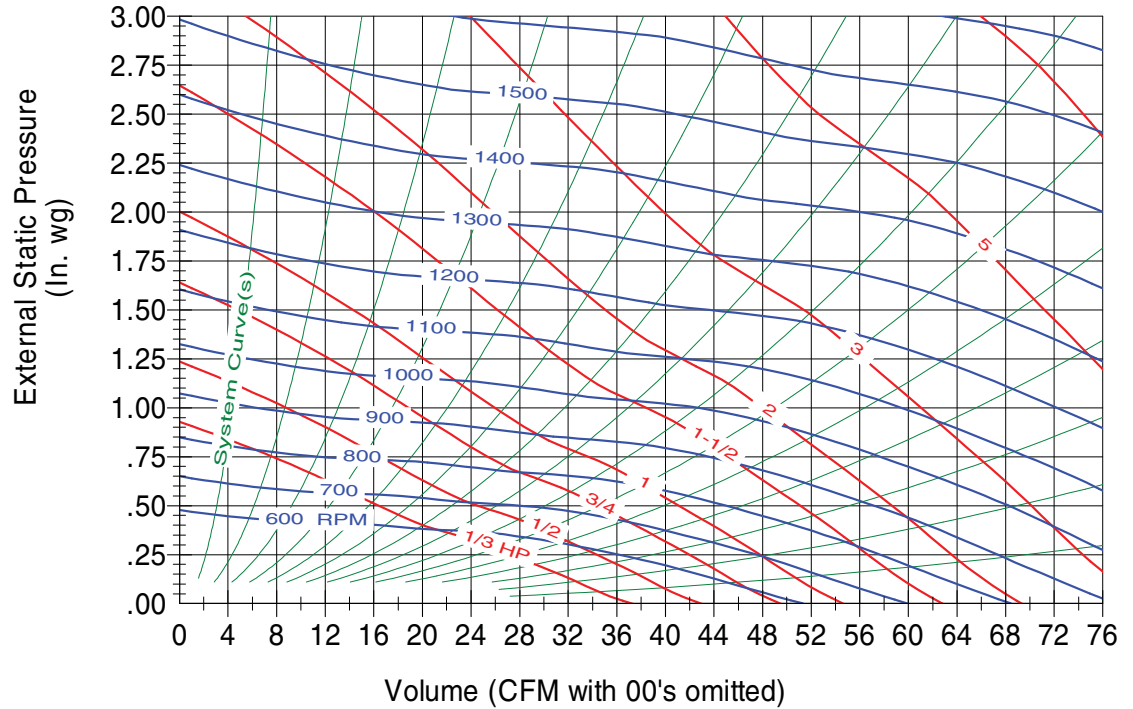
Models PDH, RDH, and SDH 350



Blower Curves (cont'd)

Models PDH, RDH, and SDH 400A

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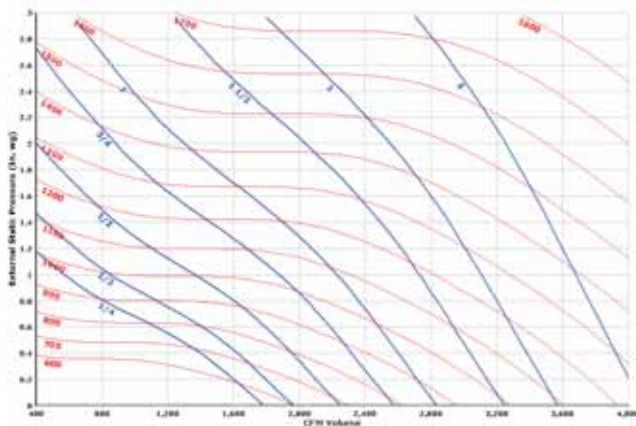


Blower Curves (cont'd) Models PEH and REH

Blower Curves (cont'd)

Models PEH, REH - 10A, 20A, 40A

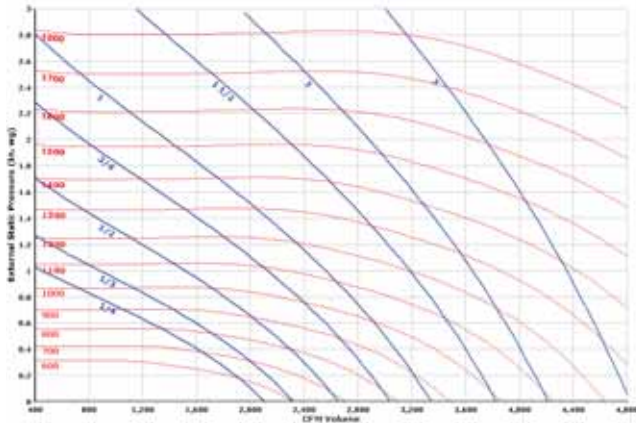
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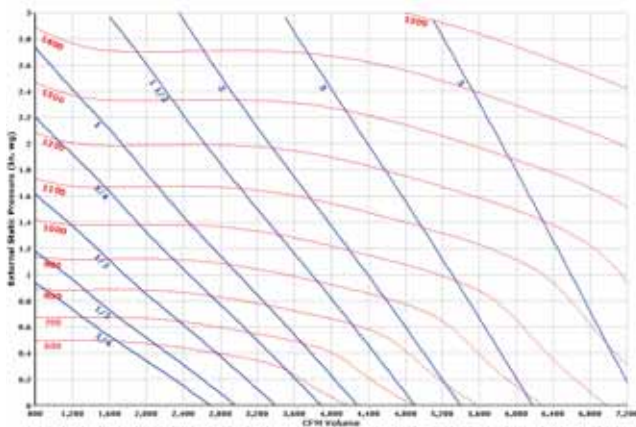
Blower Curves (cont'd)

Models PEH, REH - 15B, 30B, 60B

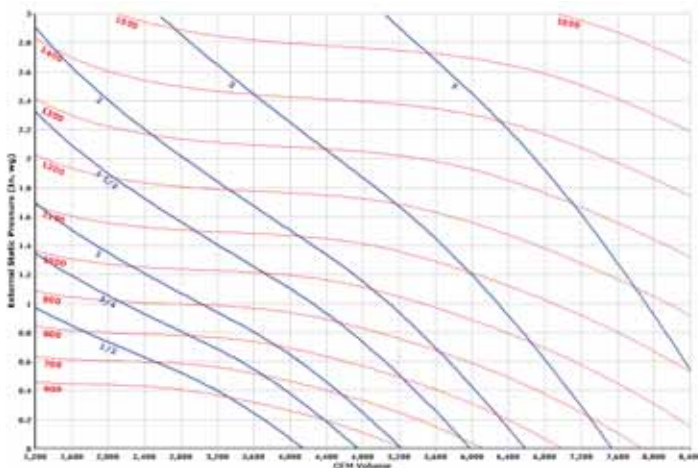
Performance curves based on tests made in accordance with A.M.C.A. 210-85. Tested with discharge duct. Horsepower includes estimated drive losses. Standard air density 0.075 Lb/Cu. Ft.



Models PEH, REH - 30D, 60D, 90D, 120D



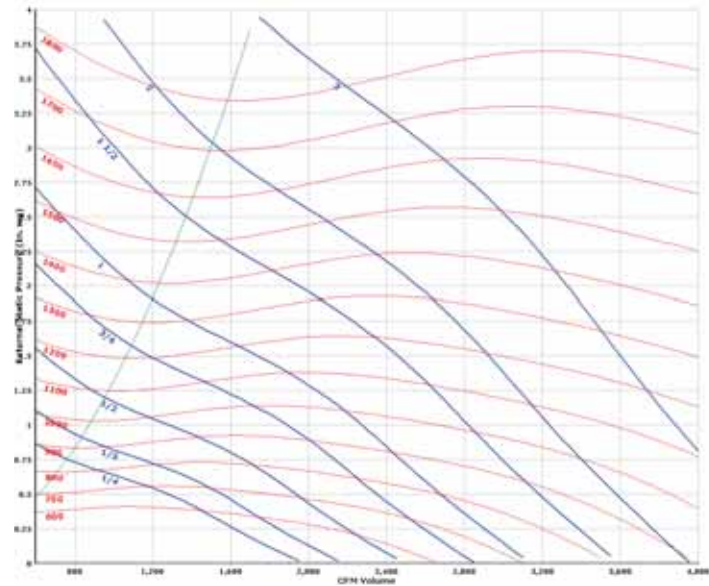
Models PEH, REH - 40E, 80E, 120E



Blower Curves (cont'd)

Models PXH and RXH 000A

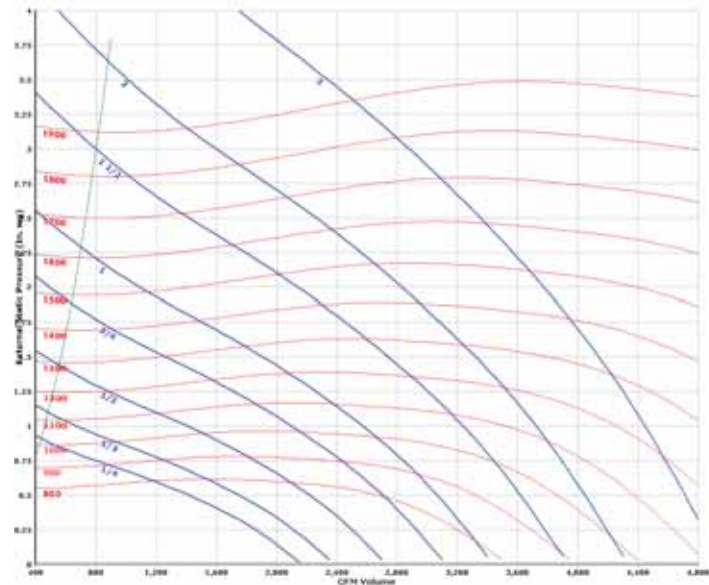
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Blower Curves (cont'd)

Models PXH and RXH 000B

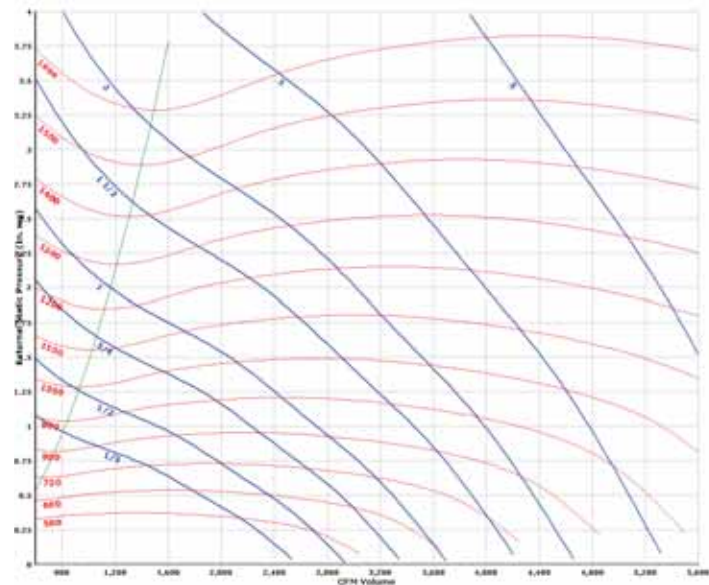
Performance curves based on tests made in accordance with A.M.C.A. 210-85. Tested with discharge duct. Horsepower includes estimated drive losses. Standard air density 0.075 Lb/Cu. Ft.



Blower Curves (cont'd)

Models PXH and RXH 000C

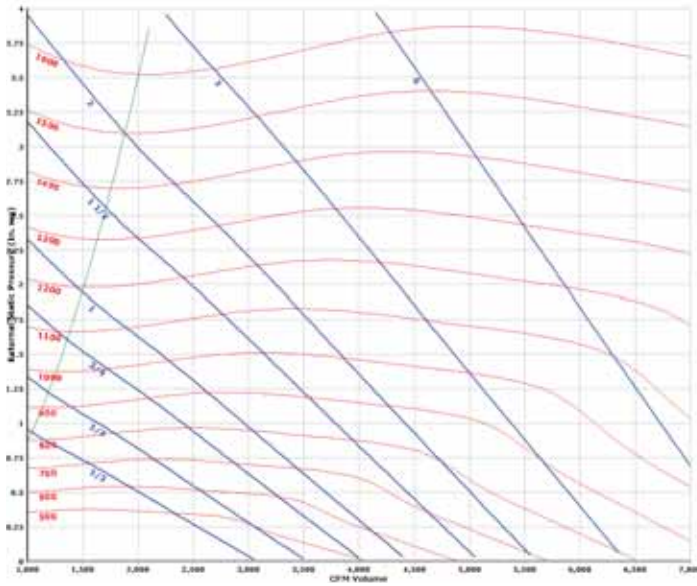
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Blower Curves (cont'd)

Models PXH and RXH 000D

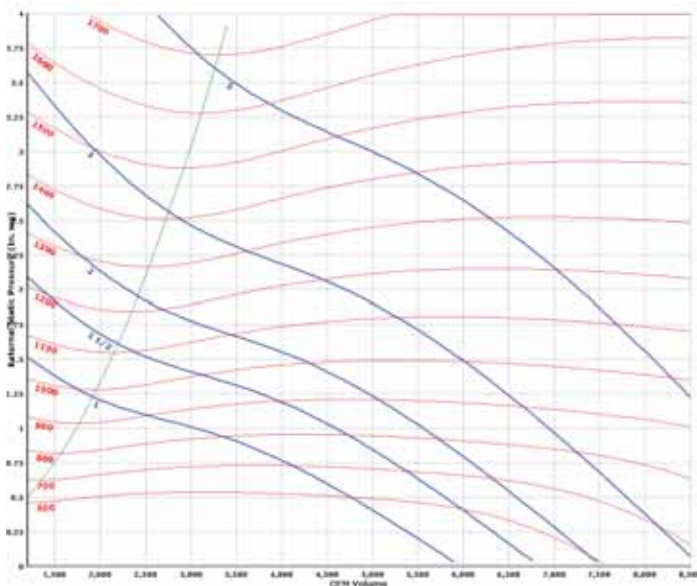
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Blower Curves (cont'd)

Models PXH and RXH 000E

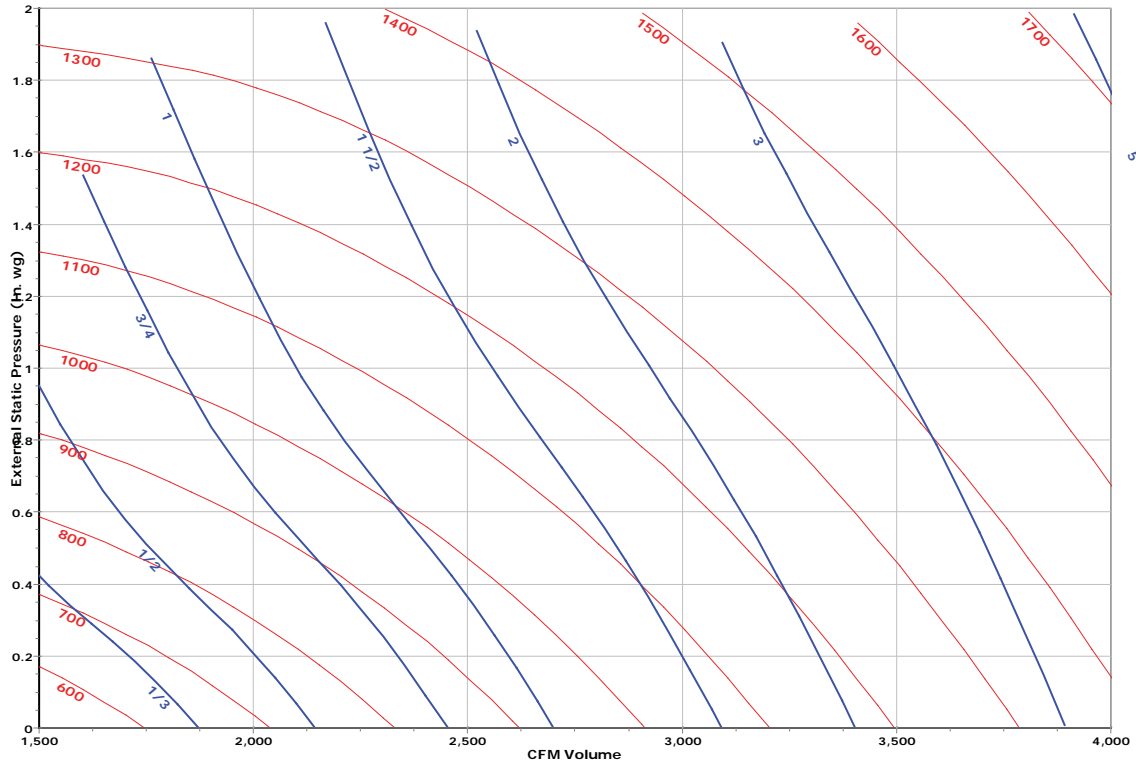
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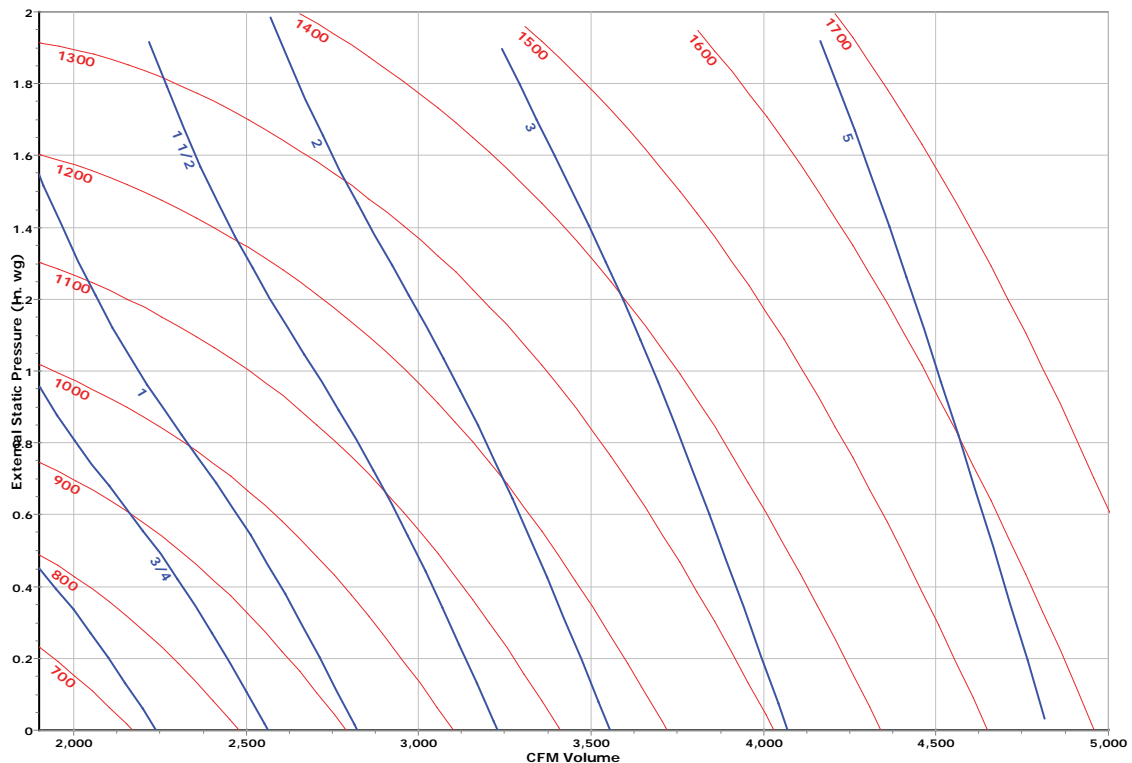
Blower Curves

Models RHH and SHH130C

Performance curves based on tests made in accordance with A.M.C.A. 210-85. Tested with discharge duct. Horsepower includes estimated drive losses. Standard air density 0.075 Lb/Cu. Ft.



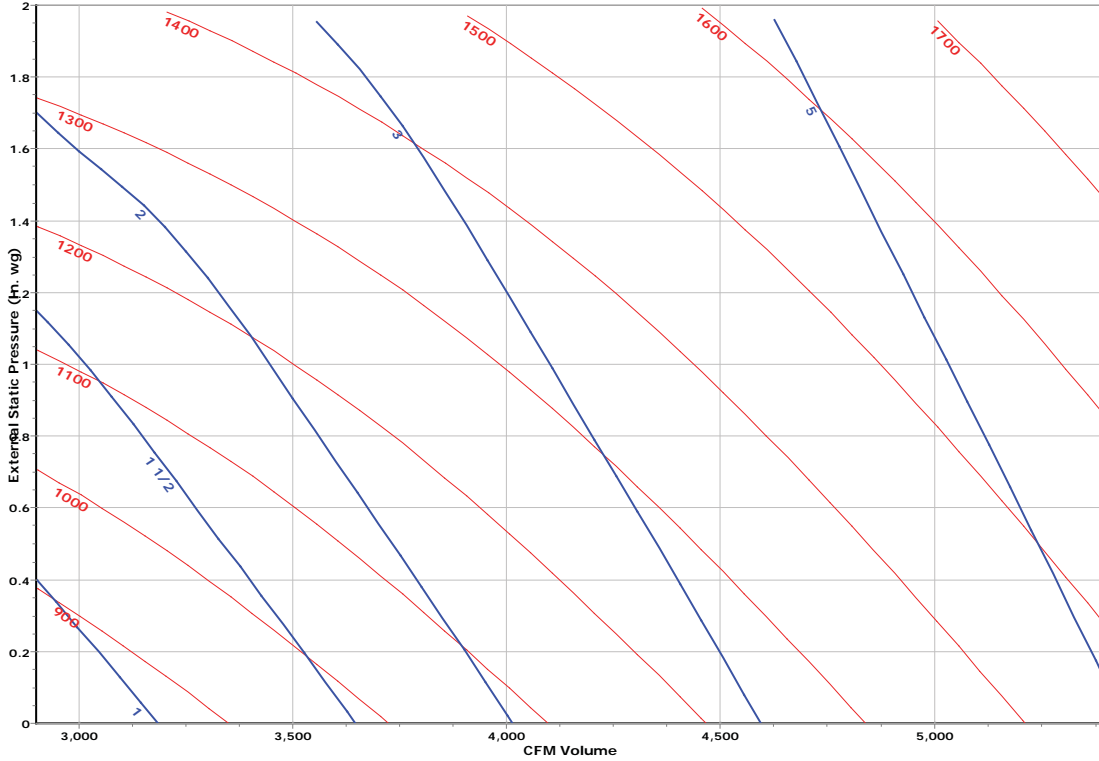
Models RHH and SHH180C



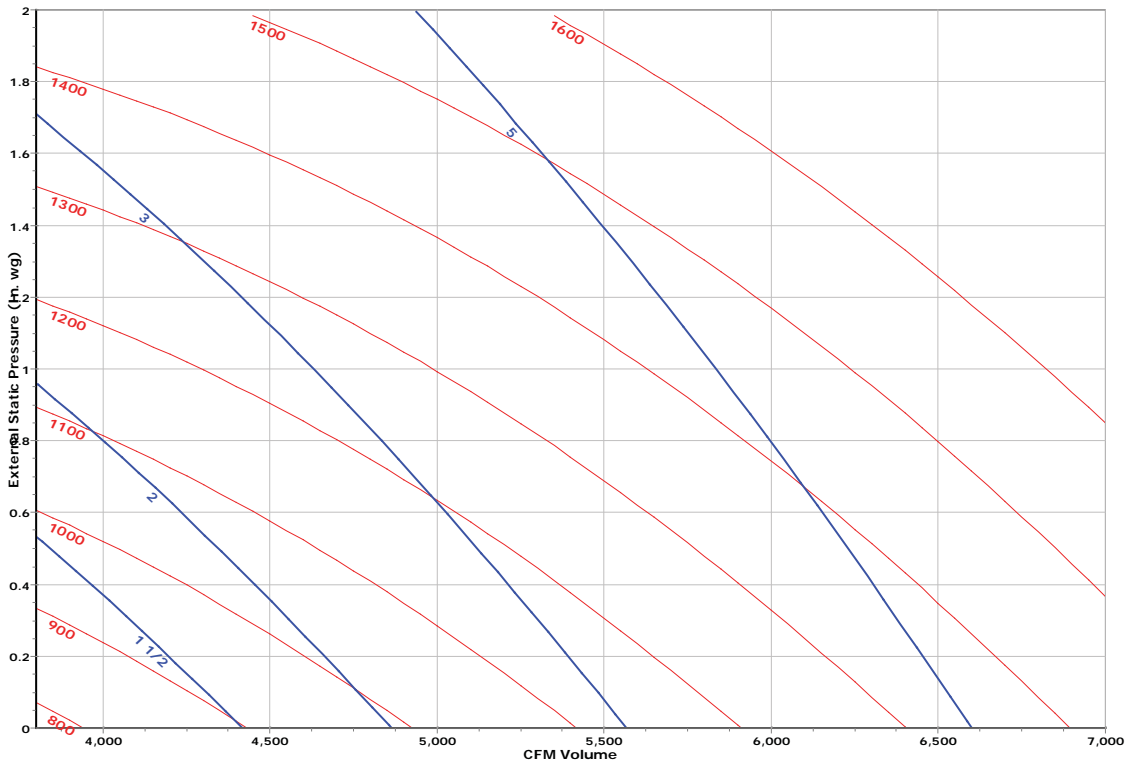
Blower Curves (cont'd)

Models RHH and SHH260D

Performance curves based on tests made in accordance with A.M.C.A. 210-85. Tested with discharge duct. Horsepower includes estimated drive losses. Standard air density 0.075 Lb/Cu. Ft.



Models SHH350E



MASA - 060											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	19600	17784	16272	15608	14996	14429	13904	13415	12533
		SDT (°F)	66.0	67.1	76.5	76.1	79.2	84.3	93.0	98.7	104.8
		TC (Btu/H)	33360	30040	27809	26830	26200	25549	25042	24475	23616
	B	SDT (°F)	75.9	76.6	82.9	88.9	98.0	100.6	102.1	108.6	111.1
		TC (Btu/H)	52961	47824	44081	42438	41195	39979	38945	37889	36149
		kW	2.6	2.9	3.0	3.5	3.7	4.3	4.4	4.8	6.6
35	A	TC (Btu/H)	22565	20527	18825	18075	17382	16740	16144	15589	14585
		SDT (°F)	75.1	77.2	85.8	87.4	91.4	96.8	104.5	110.2	117.2
		TC (Btu/H)	38404	34742	32257	31148	30451	29718	29150	28500	27523
	B	SDT (°F)	84.1	86.6	94.0	100.0	108.1	112.3	115.6	121.7	125.3
		TC (Btu/H)	60969	55269	51082	49223	47833	46459	45294	44089	42108
		kW	2.9	3.2	3.4	3.9	4.2	4.7	4.8	5.2	6.7
40	A	TC (Btu/H)	25443	23208	21332	20503	19737	19025	18363	17745	16626
		SDT (°F)	83.1	86.4	94.1	97.3	101.9	107.3	113.7	119.2	126.8
		TC (Btu/H)	43300	39357	36652	35506	34670	33862	33193	32511	31421
	B	SDT (°F)	90.7	95.5	104.0	109.7	116.6	121.7	126.4	131.8	136.4
		TC (Btu/H)	68743	62564	57984	56010	54406	52887	51556	50256	48048
		kW	3.2	3.5	3.8	4.3	4.6	5.0	5.2	5.6	6.7
45	A	TC (Btu/H)	28235	25825	23794	22893	22059	21283	20560	19884	18658
		SDT (°F)	90.0	94.6	101.3	105.5	110.1	115.1	120.2	125.2	133.4
		TC (Btu/H)	48048	43884	40993	39851	38855	37980	37202	36506	35312
	B	SDT (°F)	95.9	103.3	112.6	117.9	123.3	128.7	133.9	138.4	143.9
		TC (Btu/H)	76283	69709	64787	62744	60914	59262	57762	56390	53969
		kW	3.4	3.8	4.2	4.6	4.9	5.3	5.5	5.9	6.6
50	A	TC (Btu/H)	30941	28380	26210	25245	24349	23514	22734	22005	20678
		SDT (°F)	95.7	101.4	107.4	111.5	115.5	119.6	123.5	127.8	136.4
		TC (Btu/H)	52648	48325	45282	44048	43008	42072	41247	40486	39193
	B	SDT (°F)	99.5	110.0	119.8	124.3	128.4	133.0	137.4	140.9	147.1
		TC (Btu/H)	83589	76704	71492	69293	67357	65586	63982	62491	59872
		kW	3.5	4.0	4.5	4.8	5.1	5.4	5.7	6.0	6.7
55	A	TC (Btu/H)	33561	30871	28580	27558	26606	25718	24887	24109	22689
		SDT (°F)	99.9	106.9	112.4	115.0	117.5	120.2	123.2	126.6	135.4
		TC (Btu/H)	57101	52678	49517	48246	47128	46137	45250	44451	43067
	B	SDT (°F)	101.4	115.5	125.4	128.9	131.8	134.2	136.4	138.7	146.3
		TC (Btu/H)	90662	83549	78097	75804	73735	71855	70137	68559	65756
		kW	3.6	4.2	4.9	5.1	5.3	5.5	5.9	6.1	6.6

MASA - 090											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	28596	25891	22281	21777	20581	20301	18916	18602	19246
		SDT (°F)	80.1	78.5	86.9	84.8	71.4	90.8	83.2	103.7	120.1
		TC (Btu/H)	50163	48892	46040	44937	43271	41903	39806	38139	35180
	B	SDT (°F)	62.2	74.8	89.3	97.0	89.2	92.6	92.8	98.4	117.0
		TC (Btu/H)	78759	74783	68321	66714	63851	62204	58722	56742	54426
		kW	3.0	3.7	4.4	4.9	5.3	5.8	6.2	6.8	8.7
35	A	TC (Btu/H)	32732	29971	26148	25584	24255	23874	22286	21809	22112
		SDT (°F)	84.7	86.1	93.4	94.0	87.2	101.4	98.0	112.7	127.6
		TC (Btu/H)	58673	56907	53375	51849	49789	48016	45596	43626	40270
	B	SDT (°F)	74.8	86.4	99.1	105.3	102.0	105.5	107.4	112.4	127.3
		TC (Btu/H)	91405	86878	79523	77434	74044	71891	67881	65434	62382
		kW	3.5	4.2	4.9	5.4	5.8	6.3	6.7	7.3	8.8
40	A	TC (Btu/H)	36688	33983	30059	29442	27999	27502	25718	25045	24880
		SDT (°F)	87.9	92.3	98.4	101.6	100.9	110.1	110.5	119.7	132.8
		TC (Btu/H)	67227	64884	60612	58597	56110	53880	51143	48863	45140
	B	SDT (°F)	86.9	97.0	107.3	111.9	112.6	116.1	119.3	123.7	135.1
		TC (Btu/H)	103915	98866	90671	88039	84109	81382	76861	73908	70020
		kW	4.0	4.7	5.3	5.8	6.2	6.7	7.1	7.6	8.9
45	A	TC (Btu/H)	40464	37927	34014	33350	31813	31183	29212	28312	27550
		SDT (°F)	90.1	96.9	102.3	107.5	111.3	116.7	119.8	124.7	135.9
		TC (Btu/H)	75823	72822	67753	65179	62232	59495	56450	53852	49788
	B	SDT (°F)	98.1	106.3	113.8	117.1	120.5	123.9	127.8	131.6	140.3
		TC (Btu/H)	116288	110750	101767	98530	94045	90679	85662	82164	77339
		kW	4.5	5.1	5.7	6.2	6.5	7.0	7.4	7.9	8.9
50	A	TC (Btu/H)	44060	41805	38012	37310	35697	34919	32768	31610	30124
		SDT (°F)	91.7	100.0	105.4	111.5	117.2	120.9	125.1	127.9	137.5
		TC (Btu/H)	84463	80722	74798	71597	68157	64862	61515	58592	54216
	B	SDT (°F)	107.9	114.0	118.7	121.1	125.1	128.3	131.9	135.3	143.0
		TC (Btu/H)	128523	122527	112810	108907	103853	99781	94283	90202	84340
		kW	5.1	5.6	6.0	6.4	6.8	7.2	7.5	8.0	8.9
55	A	TC (Btu/H)	47477	45615	42055	41320	39650	38709	36387	34937	32599
		SDT (°F)	93.2	101.5	108.0	113.5	117.4	122.6	125.3	129.4	138.0
		TC (Btu/H)	93145	88584	81745	77850	73883	69979	66338	63084	58423
	B	SDT (°F)	116.0	119.7	121.8	124.2	125.9	128.7	130.6	134.0	143.2
		TC (Btu/H)	140622	134199	123800	119169	113533	108688	102725	98021	91022
		kW	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.9	9.0



Model MASA (cont'd) Performance Summaries (cont'd)

MASA -120											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	36568	35342	33029	31654	30231	30010	28770	26644	25923
		SDT (°F)	92.1	97.4	107.0	108.8	110.6	111.1	112.7	119.9	114.7
	B	TC (Btu/H)	90926	79219	67920	64998	62330	60365	58323	56471	54324
		SDT (°F)	72.1	84.5	96.9	104.7	110.4	114.6	121.6	122.4	135.2
	Total	TC (Btu/H)	127494	114561	100949	96652	92562	90375	87093	83115	80247
		kW	6.4	7.6	8.1	9.1	9.6	9.8	10.4	10.9	11.5
35	A	TC (Btu/H)	42355	40256	37604	36377	35069	34136	32556	31156	29159
		SDT (°F)	92.0	99.8	107.8	110.5	113.8	115.1	120.2	124.4	129.1
	B	TC (Btu/H)	96595	86567	77109	73629	70622	68279	65775	63620	60446
		SDT (°F)	86.7	97.0	106.9	111.4	115.9	119.9	124.7	129.2	137.1
	Total	TC (Btu/H)	138949	126823	114713	110005	105691	102415	98331	94775	89605
		kW	6.6	7.7	8.6	9.2	9.6	9.8	10.6	11.4	12.0
40	A	TC (Btu/H)	47300	44870	41870	40556	39116	38031	37412	34671	32328
		SDT (°F)	91.4	101.4	107.4	112.0	116.5	118.9	125.6	130.1	138.6
	B	TC (Btu/H)	96603	91312	85238	82246	79282	76512	73520	70708	65680
		SDT (°F)	89.6	100.3	108.1	114.0	118.7	122.9	127.8	133.9	140.8
	Total	TC (Btu/H)	143903	136182	127108	122802	118398	114543	110932	105380	98008
		kW	6.8	7.7	8.9	9.2	9.6	9.8	10.7	11.7	12.3
45	A	TC (Btu/H)	51804	49279	45933	44418	42763	41755	39580	37715	35285
		SDT (°F)	90.5	102.4	106.4	113.4	118.8	122.8	129.4	136.9	144.5
	B	TC (Btu/H)	93183	94538	92416	90273	87555	84391	80923	77308	70339
		SDT (°F)	97.8	107.5	109.6	115.5	120.8	125.2	131.1	136.8	145.8
	Total	TC (Btu/H)	144988	143817	138349	134691	130318	126146	120503	115023	105624
		kW	7.1	7.9	9.2	9.4	9.8	10.1	10.9	12.0	12.6
50	A	TC (Btu/H)	57435	53781	50146	48849	47526	45492	45867	42325	37375
		SDT (°F)	89.4	103.0	107.7	115.4	120.8	127.8	131.8	135.7	146.9
	B	TC (Btu/H)	101149	101666	98757	96090	92929	89438	85734	82095	75677
		SDT (°F)	105.8	114.4	121.5	125.0	128.4	132.4	134.8	138.4	143.9
	Total	TC (Btu/H)	158584	155448	148903	144939	140455	134930	131601	124420	113052
		kW	7.5	8.3	9.5	9.8	10.2	10.8	11.3	12.1	12.9
55	A	TC (Btu/H)	62604	58097	54174	52964	51864	49077	48261	46419	39345
		SDT (°F)	88.2	103.3	108.5	117.3	122.7	133.0	133.2	135.4	148.1
	B	TC (Btu/H)	106291	107463	104368	101564	98159	94365	90424	86601	80514
		SDT (°F)	118.8	125.3	129.9	132.9	134.9	138.7	138.6	139.0	143.0
	Total	TC (Btu/H)	168894	165560	158542	154527	150023	143442	138685	133020	119859
		kW	8.1	9.1	10.0	10.7	11.1	12.1	12.1	12.2	13.4

MASA -150											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	71730	65100	56415	54083	50514	48344	44441	42227	39943
		SDT (°F)	50.7	63.8	83.6	78.2	83.1	79.5	89.2	95.3	111.4
	B	TC (Btu/H)	115376	100764	81174	87647	84267	98601	81071	82201	83048
		SDT (°F)	60.9	63.6	65.9	71.6	75.5	82.4	85.2	92.0	110.1
	Total	TC (Btu/H)	187106	165864	137590	141730	134781	146946	125512	124428	122991
		kW	4.5	5.2	5.6	6.4	7.1	8.1	8.9	10.2	13.5
35	A	TC (Btu/H)	73353	67711	60094	57492	54092	51674	48218	46042	43806
		SDT (°F)	61.3	74.3	92.8	89.2	94.2	92.0	101.3	107.2	122.3
	B	TC (Btu/H)	124934	112016	94345	97624	93470	101990	88063	87582	87768
		SDT (°F)	73.4	76.6	79.1	84.9	88.7	95.4	98.1	104.5	121.5
	Total	TC (Btu/H)	198287	179727	154439	155116	147562	153664	136281	133625	131574
		kW	5.9	6.7	7.2	8.0	8.7	9.7	10.5	11.7	14.8
40	A	TC (Btu/H)	74707	69923	63317	60471	57251	54606	51613	49495	47328
		SDT (°F)	72.4	84.7	100.6	99.6	104.5	104.4	112.6	118.0	131.1
	B	TC (Btu/H)	133502	122451	107192	106898	101981	104843	94357	92299	90882
		SDT (°F)	86.6	90.4	92.9	98.6	102.0	108.3	110.6	116.3	131.0
	Total	TC (Btu/H)	208209	192375	170509	167369	159232	159449	145971	141793	138210
		kW	7.6	8.3	9.0	9.7	10.4	11.3	12.1	13.2	15.9
45	A	TC (Btu/H)	75861	71832	66176	63106	60071	57217	54692	52643	50561
		SDT (°F)	84.2	95.1	107.0	109.4	114.0	116.6	123.1	127.7	137.6
	B	TC (Btu/H)	141252	132174	118196	115557	109892	107290	100072	96483	92765
		SDT (°F)	100.4	104.9	107.4	112.6	115.5	121.0	122.8	127.3	138.5
	Total	TC (Btu/H)	217113	204006	184372	178663	169963	164507	154764	149126	143326
		kW	9.5	10.2	11.0	11.6	12.2	13.0	13.7	14.6	16.8
50	A	TC (Btu/H)	76861	73501	68737	65462	62611	59565	57504	55533	53547
		SDT (°F)	96.6	105.4	112.1	118.6	122.7	128.6	132.8	136.3	141.9
	B	TC (Btu/H)	148316	141270	131871	123672	117278	109421	105297	100232	93792
		SDT (°F)	114.9	120.1	122.5	127.0	129.2	133.5	134.6	137.5	144.0
	Total	TC (Btu/H)	225176	214771	200608	189134	179888	168986	162801	155765	147339
		kW	11.5	12.2	13.1	13.6	14.2	14.8	15.3	15.9	17.4
55	A	TC (Btu/H)	77738	74978	71050	67585	64916	61692	60087	58200	56316
		SDT (°F)	109.5	115.7	115.8	127.3	130.6	140.4	141.7	143.7	144.1
	B	TC (Btu/H)	154794	149807	144932	131301	124197	111299	110103	103619	94338
		SDT (°F)	130.1	136.0	138.2	141.8	143.0	145.8	146.0	146.9	147.6
	Total	TC (Btu/H)	232532	224785	215981	198886	189113	172991	170190	161820	150654
		kW	13.8	14.5	15.4	15.8	16.2	16.6	16.9	17.3	17.7



Model MASA (cont'd) Performance Summaries(cont'd)

MASA - 180											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	71840	58598	50705	47287	45461	43445	42021	40219	37748
		SDT (°F)	63.7	74.1	84.5	89.7	95.1	100.4	105.8	119.4	126.4
		TC (Btu/H)	148606	123345	108097	101573	98068	94279	91636	88344	83954
	B	SDT (°F)	76.0	92.5	92.7	95.5	101.1	110.6	121.7	134.0	141.1
		TC (Btu/H)	220446	181943	158802	148859	143529	137724	133657	128564	121701
		kW	6.8	7.8	9.9	11.4	12.7	13.3	15.2	17.2	18.9
35	A	TC (Btu/H)	79104	65880	57900	54429	52541	50468	48984	47129	44553
		SDT (°F)	82.3	93.3	103.3	107.9	112.2	116.2	119.9	123.3	129.0
		TC (Btu/H)	163542	138525	122993	116264	112461	108381	105419	101833	96819
	B	SDT (°F)	90.4	98.9	107.6	112.4	117.6	123.2	129.5	136.4	142.8
		TC (Btu/H)	242645	204405	180893	170693	165002	158849	154403	148962	141372
		kW	9.4	11.1	12.7	13.8	14.7	15.2	16.4	17.8	19.0
40	A	TC (Btu/H)	85016	72451	64737	61362	59483	57431	55939	54101	51509
		SDT (°F)	91.5	100.6	108.9	112.9	116.8	120.7	124.7	126.3	134.8
		TC (Btu/H)	175652	152162	136998	130317	126297	122024	118777	114971	109363
	B	SDT (°F)	104.7	106.9	115.5	118.7	122.8	127.6	132.5	137.7	143.1
		TC (Btu/H)	260668	224613	201734	191679	185779	179455	174716	169072	160872
		kW	9.4	12.1	13.6	14.6	15.4	15.8	16.7	18.2	19.2
45	A	TC (Btu/H)	89578	78313	71216	68087	66285	64334	62885	61136	58615
		SDT (°F)	97.2	102.8	108.5	111.6	115.2	119.4	124.2	129.9	144.4
		TC (Btu/H)	184936	164256	150109	143731	139576	135209	131711	127757	121587
	B	SDT (°F)	94.6	106.2	116.6	121.4	125.8	130.0	133.9	137.5	143.7
		TC (Btu/H)	274514	242569	221326	211818	205861	199543	194596	188893	180201
		kW	10.2	14.4	15.5	16.2	16.7	16.9	16.9	18.4	19.3
50	A	TC (Btu/H)	92789	83464	77338	74603	72948	71178	69823	68233	65871
		SDT (°F)	122.7	128.1	131.5	132.7	133.6	134.5	135.3	135.5	139.4
		TC (Btu/H)	191395	174808	162328	156506	152299	147935	144221	140193	133489
	B	SDT (°F)	132.6	134.5	136.4	137.6	138.6	139.3	141.3	143.9	146.5
		TC (Btu/H)	284184	258272	239667	231109	225247	219113	214044	208425	199360
		kW	15.9	16.9	17.4	17.7	17.9	18.0	18.5	19.0	19.3
55	A	TC (Btu/H)	94649	87905	83103	80910	79472	77962	76752	75392	73277
		SDT (°F)	139.5	142.3	142.1	141.3	140.2	138.9	137.6	144.4	140.9
		TC (Btu/H)	195027	183817	173655	168643	164465	160202	156306	152277	145071
	B	SDT (°F)	132.6	134.5	136.4	137.6	138.6	139.3	141.3	143.9	146.5
		TC (Btu/H)	289676	271722	256759	249553	243937	238164	233058	227668	218348
		kW	18.4	19.4	19.3	19.2	19.1	19.0	19.2	19.4	19.3

MASA - 240											
SST (°F)	Circuit	Description	Ambient (°F)								
			60	70	80	85	90	95	100	105	115
30	A	TC (Btu/H)	87462	82390	78155	76267	74504	72848	71288	69811	67078
		SDT (°F)	89.3	97.9	108.6	112.4	118.6	123.3	133.6	142.8	165.2
		TC (Btu/H)	123297	124796	124881	124900	124913	124920	124925	124927	124930
	B	SDT (°F)	94.4	103.0	113.2	117.0	122.6	127.0	136.0	144.1	163.8
		TC (Btu/H)	210759	207187	203036	201168	199416	197768	196212	194739	192009
		kW	12.4	13.8	16.1	16.9	18.4	19.7	22.4	25.0	31.3
35	A	TC (Btu/H)	94038	91338	85651	84183	81387	80457	76018	73726	70631
		SDT (°F)	92.8	100.7	110.8	114.4	120.4	125.0	135.4	144.7	168.0
		TC (Btu/H)	159646	149536	144506	138578	135777	133279	131034	129003	125466
	B	SDT (°F)	97.3	105.8	115.3	119.1	124.4	128.8	136.8	144.3	162.4
		TC (Btu/H)	253685	240874	230157	222761	217164	213736	207051	202729	196097
		kW	13.0	14.4	16.5	17.4	18.9	20.2	22.8	25.2	31.4
40	A	TC (Btu/H)	100203	97114	91776	89706	87123	85625	82693	81482	81228
		SDT (°F)	93.5	101.6	111.7	115.7	121.7	126.5	137.4	145.9	168.6
		TC (Btu/H)	166725	159314	154760	148952	146258	143494	141357	139411	136565
	B	SDT (°F)	99.7	108.0	117.3	121.3	126.7	131.4	139.9	147.2	166.1
		TC (Btu/H)	266927	256428	246536	238658	233381	229119	224050	220894	217793
		kW	13.2	14.5	16.7	17.7	19.3	20.8	23.6	26.1	31.6
45	A	TC (Btu/H)	105824	103482	98942	96579	94034	91983	89385	88038	87105
		SDT (°F)	95.8	104.4	114.3	118.4	124.0	128.5	138.4	145.2	164.4
		TC (Btu/H)	182086	170611	163874	159247	156431	153923	151494	149284	145405
	B	SDT (°F)	102.1	110.0	118.7	122.8	128.0	132.9	141.1	148.1	166.9
		TC (Btu/H)	287910	274092	262815	255826	250464	245906	240879	237322	232510
		kW	13.9	15.3	17.3	18.4	19.9	21.4	24.0	26.3	32.6
50	A	TC (Btu/H)	126323	111373	108169	106053	103225	100742	96465	93014	85798
		SDT (°F)	101.8	111.2	120.5	124.4	128.9	132.5	139.2	143.7	155.5
		TC (Btu/H)	196399	184499	176471	170484	166877	163448	160568	158262	153827
	B	SDT (°F)	105.2	112.6	120.3	124.2	128.9	133.7	140.6	147.2	164.4
		TC (Btu/H)	322722	295872	284640	276537	270101	264190	257034	251276	239625
		kW	15.5	16.9	18.8	19.8	21.0	22.3	24.3	26.0	30.1
55	A	TC (Btu/H)	146880	120868	119393	117669	114320	111223	104199	97427	80458
		SDT (°F)	111.2	122.5	131.5	135.1	138.1	140.6	142.4	143.5	143.9
		TC (Btu/H)	208236	195249	185652	181963	178570	176188	172829	170374	166100
	B	SDT (°F)	110.4	117.3	124.0	127.7	131.9	136.6	142.1	148.4	164.5
		TC (Btu/H)	355116	316118	305046	299632	292890	287411	277028	267800	246558
		kW	17.9	19.6	21.2	22.1	22.9	23.9	24.8	25.8	28.1

**Performance Data
Models ACUA**

Cooling Capacities (BTUH)			Indoor Design Conditions								
Model	Evaporator Temp. °F	T - Total S - Sensible	70/60 deg F			80/67 deg F			95/75 deg F		
			Airflow (CFM)			Airflow (CFM)			Airflow (CFM)		
			1800	2400	3000	1800	2400	3000	1800	2400	3000
060	35	T	62,037	69,961	75,571	82,252	91,738	98,376	107,409	118,394	126,172
		S	43,436	50,566	56,214	53,271	61,410	67,849	69,025	79,432	87,892
	40	T	52,221	59,192	64,271	73,576	82,540	88,912	99,998	110,969	118,447
		S	38,891	45,885	51,618	49,673	58,008	64,795	66,558	77,590	86,540
	45	T	40,870	46,486	52,199	63,102	71,142	76,944	90,804	101,154	108,595
		S	33,902	40,566	47,234	45,476	53,828	60,757	63,508	74,881	84,441
	50	T	30,225	36,484	41,548	50,916	57,642	64,281	79,704	89,254	96,040
		S	29,132	36,484	41,548	40,831	49,029	57,174	59,897	71,540	81,415
	55	T	19,047	25,570	30,681	39,606	45,735	52,840	66,687	77,599	84,990
		S	19,047	25,570	30,681	36,609	44,277	52,840	55,816	68,689	78,483
072	35	T	64,778	73,347	79,509	85,625	95,195	102,857	111,191	123,181	131,716
		S	45,185	52,875	59,063	55,297	64,081	70,917	71,289	82,507	91,761
	40	T	54,745	62,420	68,006	76,879	86,570	93,585	103,981	115,974	124,174
		S	40,514	48,137	54,426	51,648	60,627	68,027	68,918	80,843	90,589
	45	T	42,984	49,290	55,692	66,208	75,068	81,460	94,851	106,284	114,247
		S	35,299	42,629	49,940	47,346	56,431	64,036	65,891	78,240	88,576
	50	T	32,062	37,569	44,410	53,666	61,090	68,594	83,664	94,167	101,569
		S	30,487	37,247	44,410	42,528	51,437	60,382	62,233	74,856	85,623
	55	T	20,783	27,987	32,924	41,957	48,845	54,219	70,311	82,409	90,666
		S	20,783	27,987	32,924	38,182	46,641	53,891	58,004	72,007	82,807
090	35	T	79,069	92,482	102,483	104,891	121,127	132,798	136,539	155,610	169,811
		S	53,233	63,789	72,389	65,527	77,556	87,147	84,030	98,963	111,459
	40	T	67,037	79,051	88,122	94,357	109,806	120,932	128,177	146,802	160,582
		S	47,233	57,441	65,975	60,632	72,763	82,608	80,702	96,095	109,044
	45	T	52,954	62,813	70,381	81,566	95,591	105,985	117,137	135,209	148,257
		S	40,604	50,101	58,287	54,981	66,917	76,957	76,376	92,219	105,554
	50	T	35,972	45,816	53,161	66,493	78,331	87,303	103,708	120,470	132,846
		S	32,848	42,609	50,864	48,708	60,117	70,202	71,342	87,290	101,075
	55	T	23,605	29,750	37,529	50,353	60,289	68,162	87,664	103,713	115,711
		S	23,605	29,750	37,529	42,411	53,207	62,759	65,639	82,139	96,064

**Performance Data
Models ACUB**

Cooling Capacities (BTUH)			Indoor Design Conditions								
Model	Evaporator Temp. °F	T - Total S - Sensible	70/60 deg F			80/67 deg F			95/75 deg F		
			Airflow (CFM)			Airflow (CFM)			Airflow (CFM)		
			3000	4000	5000	3000	4000	5000	3000	4000	5000
090	35	T	106,315	119,748	128,953	138,822	154,201	164,604	178,214	195,576	207,979
		S	74,375	86,665	96,265	90,063	103,618	114,153	115,167	132,168	146,194
	40	T	91,047	103,390	112,266	126,011	141,295	151,602	168,152	186,192	198,533
		S	67,431	79,875	90,075	84,972	99,414	110,867	112,278	130,958	146,180
	45	T	72,454	82,926	93,087	109,900	123,991	134,210	154,935	172,854	184,757
		S	59,290	71,507	83,621	78,693	93,464	105,852	108,294	128,220	144,569
	50	T	54,296	63,671	75,500	90,190	102,560	114,265	138,231	155,092	166,828
		S	51,382	62,842	75,500	71,258	86,136	100,890	103,174	123,860	141,456
	55	T	38,757	49,131	56,581	70,831	82,644	91,663	117,693	136,705	149,969
		S	38,757	49,131	56,581	64,219	78,637	90,880	96,924	120,008	137,732
120	35	T	105,268	117,436	125,788	134,783	148,869	158,287	166,384	181,028	191,834
		S	73,944	85,497	94,523	88,099	100,888	110,762	109,371	124,753	137,538
	40	T	91,885	103,438	111,864	124,417	138,140	147,586	159,141	174,420	184,159
		S	68,070	80,133	90,110	84,360	97,948	108,834	108,129	125,188	138,630
	45	T	74,660	86,040	94,267	110,339	123,827	132,958	149,027	164,180	174,950
		S	60,646	73,641	83,988	79,143	93,677	105,516	105,809	124,221	139,762
	50	T	55,628	66,727	78,041	92,463	105,622	115,207	135,343	150,605	162,527
		S	52,416	65,073	78,041	72,601	88,258	100,851	102,200	122,147	139,930
	55	T	40,666	51,052	59,109	72,645	85,553	95,825	119,150	134,976	146,446
		S	40,666	51,052	59,109	65,239	81,236	93,787	98,023	118,633	136,186
150	35	T	131,023	152,995	168,890	173,270	199,242	217,944	220,786	250,488	270,963
		S	88,426	105,973	120,056	108,590	128,272	144,101	137,109	161,372	180,656
	40	T	111,278	131,063	145,886	156,255	181,450	199,726	207,850	236,689	257,889
		S	78,608	95,654	109,927	100,731	120,882	137,417	132,140	157,052	178,157
	45	T	88,016	104,312	118,524	135,331	158,351	175,281	191,061	219,448	239,854
		S	67,665	83,586	98,416	91,517	111,454	128,276	125,764	151,667	173,608
	50	T	62,382	76,541	89,101	110,468	129,994	146,714	169,901	196,540	215,634
		S	56,127	71,305	85,312	81,180	100,318	118,200	117,951	144,272	166,906
	55	T	39,530	52,511	65,269	84,093	100,730	113,901	144,225	170,486	190,117
		S	39,530	52,511	65,269	70,849	89,048	105,236	108,904	136,236	159,517

In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

Performance Data Models ACUC

Cooling Capacities (BTUH)			Indoor Design Conditions								
Model	Evaporator Temp. °F	T - Total S - Sensible	70/60 deg F			80/67 deg F			95/75 deg F		
			Airflow (CFM)			Airflow (CFM)			Airflow (CFM)		
			4000	5000	6000	4000	5000	6000	4000	5000	6000
120	35	T	122,794	128,675	135,431	155,126	161,885	169,261	194,613	202,972	210,840
		S	89,593	95,859	103,605	105,239	112,148	120,431	133,184	142,518	153,166
	40	T	108,462	114,383	120,708	144,535	151,206	159,210	187,147	195,027	203,874
		S	84,340	91,291	99,674	102,721	110,273	119,941	133,519	143,492	155,965
	45	T	88,958	94,355	102,997	129,536	136,193	143,797	176,563	184,603	193,101
S		76,853	84,152	94,891	98,479	106,831	117,377	132,866	143,943	157,701	
50	T	69,400	79,358	88,367	109,527	115,795	125,815	161,403	169,030	177,580	
	S	68,388	79,358	88,367	92,305	101,263	114,414	130,534	142,484	157,820	
55	T	54,470	60,014	67,072	89,512	95,998	111,629	143,750	153,203	163,504	
	S	54,470	60,014	67,072	85,220	94,042	111,629	127,861	140,332	155,769	
150	35	T	144,268	153,121	162,476	184,299	194,363	204,864	226,786	238,438	248,680
		S	102,244	110,540	120,270	121,542	130,621	141,221	150,838	162,433	175,054
	40	T	126,241	134,503	143,581	170,621	180,123	190,839	217,622	227,885	240,325
		S	94,560	103,109	113,576	116,934	126,401	138,136	149,812	161,536	176,763
	45	T	102,861	110,077	120,282	151,468	160,984	171,278	203,801	214,446	226,901
S		84,705	93,302	105,183	110,088	120,306	132,920	146,970	159,893	176,556	
50	T	77,098	85,554	94,477	127,140	135,522	147,504	185,446	196,231	207,822	
	S	73,606	82,867	93,477	101,438	111,844	126,295	142,527	156,550	174,291	
55	T	57,647	64,884	73,428	100,397	108,286	120,988	163,864	174,787	187,513	
	S	57,647	64,884	73,428	91,556	101,912	116,770	137,091	151,441	169,931	
180	35	T	154,698	164,504	176,145	198,675	210,040	223,439	245,514	257,989	273,484
		S	108,138	117,046	128,260	129,203	139,062	151,443	160,373	172,478	188,352
	40	T	134,592	143,974	155,037	183,022	194,110	207,309	235,023	247,921	261,636
		S	99,143	108,393	120,136	123,338	133,745	147,011	158,434	171,675	187,846
	45	T	108,953	117,304	128,511	162,050	172,643	185,373	219,868	232,387	246,337
S		87,947	97,243	110,105	115,382	126,252	140,335	154,668	168,758	186,424	
50	T	80,831	89,586	99,556	135,170	144,896	158,007	199,005	211,227	225,077	
	S	75,738	85,686	97,185	105,322	116,500	132,103	148,797	163,671	182,827	
55	T	58,122	66,530	76,108	105,721	114,618	127,694	174,456	186,978	201,938	
	S	58,122	66,530	76,108	94,307	105,320	121,352	142,223	157,607	177,627	

Coil Static Pressure Drops (in. w.c.)

Wet Coil Operating Conditions 80/67°F / Dry Coil Operating Conditions 80/58°F

Model	Operating Condition (wet/dry)	Airflow (CFM)										
		1800	2100	2400	2700	3000	3300	4000	4500	5000	5500	6000
ACUA-060	wet*	0.09	0.11	0.14	0.17	0.20	0.23	0.29				
	dry	0.06	0.08	0.11	0.14	0.17	0.20	0.25				
ACUA-072	wet*	0.11	0.14	0.17	0.21	0.25	0.26	0.36				
	dry	0.07	0.10	0.13	0.17	0.21	0.24	0.31				
ACUA-090	wet*		0.13	0.16	0.20	0.23	0.27	0.35				
	dry		0.10	0.13	0.17	0.20	0.23	0.26				
ACUB-090	wet*			0.04	0.07	0.10	0.12	0.15	0.18	0.22	0.27	
	dry			0.01	0.03	0.06	0.08	0.11	0.14	0.18	0.23	
ACUB-120	wet*				0.11	0.15	0.19	0.24	0.29	0.35	0.41	
	dry				0.07	0.11	0.15	0.20	0.25	0.31	0.37	
ACUB-150	wet*					0.15	0.19	0.23	0.29	0.34	0.39	
	dry					0.10	0.14	0.18	0.24	0.29	0.34	
ACUC-120	wet*				.04	0.06	0.09	0.11	0.13	0.16	0.18	0.21
	dry				.01	0.03	0.06	0.08	0.10	0.13	0.15	0.18
ACUC-150	wet*					0.08	0.12	0.15	0.18	0.22	0.25	0.31
	dry					0.04	0.08	0.11	0.14	0.18	0.21	0.27
ACUC-180	wet*						0.10	0.13	0.16	0.18	0.21	0.25
	dry						0.07	0.10	0.13	0.15	0.18	0.22

NOTES: * Wet values are for operation at 45°F saturated suction temperature.
Operation is not recommended for this range of airflow.

For PREEVA® Dehumidification Units Models PDH, PXH, RDH, RXH or SDH

PDH RHD SDH Size	PXH, RXH Size	Reheat Compressor Model	AK2							AK3								
			Compressor			Blower Motor				Compressor			Blower Motor					
			208/1/60	230/1/60	208/1/60	230/1/60	208/1/60	230/1/60	208/1/60	230/1/60	208/1/60	230/1/60	208/1/60	230/1/60				
RLA	MCC	LRA	HP	FLA	MCA	MOP (Calc)	MOP	RLA	MCC	LRA	HP	FLA	MCA	MOP (Calc)	MOP			
75-100	000A	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35
						1/3	3.0	20.6	34.7	35				1/3	3.0	20.6	34.7	35
						1/2	5.1	22.7	36.8	35				1/2	4.4	22.0	36.1	35
						3/4	6.3	23.9	38.0	35				3/4	5.5	23.1	37.2	35
						1	7.5	25.1	39.2	40				1	6.5	24.1	38.2	35
						1 1/2	7.8	25.4	39.5	40				1 1/2	7.5	25.1	39.2	40
						2	12.3	29.9	44.0	45				2	12.3	29.9	44.0	45
						3	13.7	31.3	45.4	45				3	12.4	30.0	44.1	45
						5	28.3	49.5	77.8	70				5	25.6	46.1	71.7	70
125-150	000B	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35
						1/3	3.0	20.6	34.7	35				1/3	3.0	20.6	34.7	35
						1/2	5.1	22.7	36.8	35				1/2	4.4	22.0	36.1	35
						3/4	6.3	23.9	38.0	35				3/4	5.5	23.1	37.2	35
						1	7.5	25.1	39.2	40				1	6.5	24.1	38.2	35
						1 1/2	7.8	25.4	39.5	40				1 1/2	7.5	25.1	39.2	40
						2	12.3	29.9	44.0	45				2	12.3	29.9	44.0	45
						3	13.7	31.3	45.4	45				3	12.4	30.0	44.1	45
						5	28.3	49.5	77.8	70				5	25.6	46.1	71.7	70
175-200-225	000C	ZP29K5E	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35	14.1	22.0	77.0	1/4	2.3	19.9	34.0	35
						1/3	3.0	20.6	34.7	35				1/3	3.0	20.6	34.7	35
						1/2	5.1	22.7	36.8	35				1/2	4.4	22.0	36.1	35
						3/4	6.3	23.9	38.0	35				3/4	5.5	23.1	37.2	35
						1	7.5	25.1	39.2	40				1	6.5	24.1	38.2	35
						1 1/2	7.8	25.4	39.5	40				1 1/2	7.5	25.1	39.2	40
						2	12.3	29.9	44.0	45				2	12.3	29.9	44.0	45
						3	13.7	31.3	45.4	45				3	12.4	30.0	44.1	45
						5	28.3	49.5	77.8	70				5	25.6	46.1	71.7	70
250-300	000D	ZP57K3E	30.1	47.0	158.0	1/4	2.3	40.0	70.1	70	30.1	47.0	158.0	1/4	2.3	40.0	70.1	70
						1/3	3.0	40.7	70.8	70				1/3	3.0	40.7	70.8	70
						1/2	5.1	42.8	72.9	70				1/2	4.4	42.1	72.2	70
						3/4	6.3	44.0	74.1	70				3/4	5.5	43.2	73.3	70
						1	7.5	45.2	75.3	70				1	6.5	44.2	74.3	70
						1 1/2	7.8	45.5	75.6	70				1 1/2	7.5	45.2	75.3	70
						2	12.3	50.0	80.1	80				2	12.3	50.0	80.1	80
						3	13.7	51.4	81.5	80				3	12.4	50.1	80.2	80
						5	28.3	66.0	96.1	90				5	25.6	63.3	93.4	90
350-400	000E	ZP57K3E	30.1	47.0	158.0	1/4	2.3	40.0	70.1	70	30.1	47.0	158.0	1/4	2.3	40.0	70.1	70
						1/3	3.0	40.7	70.8	70				1/3	3.0	40.7	70.8	70
						1/2	5.1	42.8	72.9	70				1/2	4.4	42.1	72.2	70
						3/4	6.3	44.0	74.1	70				3/4	5.5	43.2	73.3	70
						1	7.5	45.2	75.3	70				1	6.5	44.2	74.3	70
						1 1/2	7.8	45.5	75.6	70				1 1/2	7.5	45.2	75.3	70
						2	12.3	50.0	80.1	80				2	12.3	50.0	80.1	80
						3	13.7	51.4	81.5	80				3	12.4	50.1	80.2	80
						5	28.3	66.0	96.1	90				5	25.6	63.3	93.4	90



MCA & MOP Data
For PREEVA® Dehumidification Units
Models PDH, PXH, RDH, RXH or SDH

PDH RHD SDH Size	PXH, RXH Size	Reheat Compressor Model	AK6								AK5							
			230/3/60			208/3/60					230/3/60			208/3/60				
			Compressor			Blower Motor		MCA	MOP (Calc)	MOP	Compressor			Blower Motor		MCA	MOP (Calc)	MOP
RLA	MCC	LRA	HP	FLA	MCA	MOP (Calc)	MOP	RLA	MCC	LRA	HP	FLA	MCA	MOP (Calc)	MOP			
75-100	000A	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	21.6	20	9.0	14.0	71.0	1/4	1.1	12.3	21.3	20
						1/3	1.6	12.8	21.8	20				1/3	1.4	12.6	21.6	20
						1/2	3.0	14.2	23.2	20				1/2	2.5	13.7	22.7	20
						3/4	2.6	13.8	22.8	20				3/4	2.9	14.1	23.1	20
						1	3.2	14.4	23.4	20				1	3.7	14.9	23.9	20
						1 1/2	5.0	16.2	25.2	25				1 1/2	5.6	16.8	25.8	25
						2	6.6	17.8	26.8	25				2	7.0	18.2	27.2	25
						3	8.6	19.8	28.8	25				3	9.0	20.2	29.2	30
125-150	000B	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	21.6	20	9.0	14.0	71.0	1/4	1.1	12.3	21.3	20
						1/3	1.6	12.8	21.8	20				1/3	1.4	12.6	21.6	20
						1/2	3.0	14.2	23.2	20				1/2	2.5	13.7	22.7	20
						3/4	2.6	13.8	22.8	20				3/4	2.9	14.1	23.1	20
						1	3.2	14.4	23.4	20				1	3.7	14.9	23.9	20
						1 1/2	5.0	16.2	25.2	25				1 1/2	5.6	16.8	25.8	25
						2	6.6	17.8	26.8	25				2	7.0	18.2	27.2	25
						3	8.6	19.8	28.8	25				3	9.0	20.2	29.2	30
175-200-225	000C	ZP29K5E	9.0	14.0	71.0	1/4	1.4	12.6	21.6	20	9.0	14.0	71.0	1/4	1.1	12.3	21.3	20
						1/3	1.6	12.8	21.8	20				1/3	1.4	12.6	21.6	20
						1/2	3.0	14.2	23.2	20				1/2	2.5	13.7	22.7	20
						3/4	2.6	13.8	22.8	20				3/4	2.9	14.1	23.1	20
						1	3.2	14.4	23.4	20				1	3.7	14.9	23.9	20
						1 1/2	5.0	16.2	25.2	25				1 1/2	5.6	16.8	25.8	25
						2	6.6	17.8	26.8	25				2	7.0	18.2	27.2	25
						3	8.6	19.8	28.8	25				3	9.0	20.2	29.2	30
250-300	000D	ZP57K3E	20.5	32.0	155.0	1/4	1.4	27.0	47.6	45	20.5	32.0	155.0	1/4	1.1	26.7	47.3	45
						1/3	1.6	27.2	47.8	45				1/3	1.4	27.0	47.6	45
						1/2	3.0	28.6	49.2	50				1/2	2.5	28.1	48.7	45
						3/4	2.6	28.2	48.8	45				3/4	2.9	28.5	49.1	50
						1	3.2	28.8	49.4	50				1	3.7	29.3	49.9	50
						1 1/2	5.0	30.6	51.2	50				1 1/2	5.6	31.2	51.8	50
						2	6.6	32.2	52.8	50				2	7.0	32.6	53.2	50
						3	8.6	34.2	54.8	50				3	9.0	34.6	55.2	50
350-400	000E	ZP57K3E	20.5	32.0	155.0	1/4	1.4	27.0	47.6	45	20.5	32.0	155.0	1/4	1.1	26.7	47.3	45
						1/3	1.6	27.2	47.8	45				1/3	1.4	27.0	47.6	45
						1/2	3.0	28.6	49.2	50				1/2	2.5	28.1	48.7	45
						3/4	2.6	28.2	48.8	45				3/4	2.9	28.5	49.1	50
						1	3.2	28.8	49.4	50				1	3.7	29.3	49.9	50
						1 1/2	5.0	30.6	51.2	50				1 1/2	5.6	31.2	51.8	50
						2	6.6	32.2	52.8	50				2	7.0	32.6	53.2	50
						3	8.6	34.2	54.8	50				3	9.0	34.6	55.2	50
5	13.2	38.8	59.4	60	5	13.4	39.0	59.6	60									



MCA & MOP Data
For PREEVA® Dehumidification Units
Models PDH, PXH, RDH, RXH or SDH

PDH RHD SDH Size	PXH, RXH Size	Reheat Compressor Model	AK7								AK8							
			480/3/60								575/3/60							
			Compressor			Blower Motor		MCA	MOP (Calc)	MOP	Compressor			Blower Motor		MCA	MOP (Calc)	MOP
			RLA	MCC	LRA	HP	FLA				RLA	MCC	LRA	HP	FLA			
75-100	000A	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	13.4	15	3.8	5.9	36.5	1/2	0.9	5.6	9.4	15
						1/3	0.8	7.9	13.5	15				3/4	1.0	5.7	9.5	15
						1/2	1.5	8.6	14.2	15				1	1.1	5.8	9.6	15
						3/4	1.3	8.4	14.0	15				1 1/2	1.6	6.3	10.1	15
						1	1.6	8.7	14.3	15				2	2.1	6.8	10.6	15
						1 1/2	2.8	9.9	15.5	15				3	3.6	8.3	12.1	15
						2	3.5	10.6	16.2	15				5	5.4	10.5	15.9	15
						3	4.3	11.4	17.0	15								
						5	6.6	13.9	20.5	20								
125-150	000B	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	13.4	15	3.8	5.9	36.5	1/2	0.9	5.6	9.4	15
						1/3	0.8	7.9	13.5	15				3/4	1.0	5.7	9.5	15
						1/2	1.5	8.6	14.2	15				1	1.1	5.8	9.6	15
						3/4	1.3	8.4	14.0	15				1 1/2	1.6	6.3	10.1	15
						1	1.6	8.7	14.3	15				2	2.1	6.8	10.6	15
						1 1/2	2.8	9.9	15.5	15				3	3.6	8.3	12.1	15
						2	3.5	10.6	16.2	15				5	5.4	10.5	15.9	15
						3	4.3	11.4	17.0	15								
						5	6.6	13.9	20.5	20								
175-200-225	000C	ZP29K5E	5.6	8.8	38.0	1/4	0.75	7.8	13.4	15	3.8	5.9	36.5	1/2	0.9	5.6	9.4	15
						1/3	0.8	7.9	13.5	15				3/4	1.0	5.7	9.5	15
						1/2	1.5	8.6	14.2	15				1	1.1	5.8	9.6	15
						3/4	1.3	8.4	14.0	15				1 1/2	1.6	6.3	10.1	15
						1	1.6	8.7	14.3	15				2	2.1	6.8	10.6	15
						1 1/2	2.8	9.9	15.5	15				3	3.6	8.3	12.1	15
						2	3.5	10.6	16.2	15				5	5.4	10.5	15.9	15
						3	4.3	11.4	17.0	15								
						5	6.6	13.9	20.5	20								
250-300	000D	ZP57K3E	9.6	15.0	75.0	1/4	0.75	12.8	22.4	20	7.6	11.9	54.0	1/2	0.9	10.4	18.1	15
						1/3	0.8	12.8	22.4	20				3/4	1.0	10.5	18.2	15
						1/2	1.5	13.5	23.1	20				1	1.1	10.6	18.3	15
						3/4	1.3	13.3	22.9	20				1 1/2	1.6	11.1	18.8	15
						1	1.6	13.6	23.2	20				2	2.1	11.6	19.3	20
						1 1/2	2.8	14.8	24.4	25				3	3.6	13.1	20.8	20
						2	3.5	15.5	25.1	25				5	5.4	14.9	22.6	20
						3	4.3	16.3	25.9	25								
						5	6.6	18.6	28.2	25								
350-400	000E	ZP57K3E	9.6	15.0	75.0	1/4	0.75	12.8	22.4	20	7.6	11.9	54.0	1/2	0.9	10.4	18.1	15
						1/3	0.8	12.8	22.4	20				3/4	1.0	10.5	18.2	15
						1/2	1.5	13.5	23.1	20				1	1.1	10.6	18.3	15
						3/4	1.3	13.3	22.9	20				1 1/2	1.6	11.1	18.8	15
						1	1.6	13.6	23.2	20				2	2.1	11.6	19.3	20
						1 1/2	2.8	14.8	24.4	25				3	3.6	13.1	20.8	20
						2	3.5	15.5	25.1	25				5	5.4	14.9	22.6	20
						3	4.3	16.3	25.9	25								
						5	6.6	18.6	28.2	25								

For PREEVA® Electric Units without Dehumidification Models PEH or REH

PEH, REH Cabinet Size	kW	AK2 208/1/60							
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP
			HP	FLA					
A	10	36.1	1/4	2.3	47.4	83.6	80	50.0	80
			1/3	3.0	48.1	84.3	80	50.0	80
			1/2	5.1	50.2	86.4	80	60.0	80
			3/4	6.3	51.4	87.6	80	60.0	80
			1	7.5	52.6	88.8	80	60.0	80
			1 1/2	7.8	52.9	89.1	90	60.0	90
			2	12.3	57.4	93.6	90	60.0	90
			3	13.7	58.8	95.0	90	60.0	90
	5	28.3	73.4	109.6	100	80.0	100		
	20	72.2	1/4	2.3	92.6	164.8	150	100.0	150
			1/3	3.0	93.3	165.5	150	100.0	150
			1/2	5.1	95.4	167.6	150	100.0	150
			3/4	6.3	96.6	168.8	150	100.0	150
			1	7.5	97.8	170.0	150	100.0	150
			1 1/2	7.8	98.1	170.3	150	100.0	150
			2	12.3	102.6	174.8	175	125.0	175
3			13.7	104.0	176.2	175	125.0	175	
5	28.3	118.6	190.8	175	125.0	175			
B	15	54.2	1/4	2.3	70.0	124.2	125	80.0	125
			1/3	3.0	70.7	124.9	125	80.0	125
			1/2	5.1	72.8	127.0	125	80.0	125
			3/4	6.3	74.0	128.2	125	80.0	125
			1	7.5	75.2	129.4	125	80.0	125
			1 1/2	7.8	75.5	129.7	125	80.0	125
			2	12.3	80.0	134.2	125	90.0	125
			3	13.7	81.4	135.6	125	90.0	125
	5	28.3	96.0	150.2	150	100.0	150		
	30	108.3	1/4	2.3	137.7	246.1	225	150.0	225
			1/3	3.0	138.4	246.8	225	150.0	225
			1/2	5.1	140.5	248.9	225	150.0	225
			3/4	6.3	141.7	250.1	250	150.0	250
			1	7.5	142.9	251.3	250	150.0	250
			1 1/2	7.8	143.2	251.6	250	150.0	250
			2	12.3	147.7	256.1	250	150.0	250
3			13.7	149.1	257.5	250	150.0	250	
5	28.3	163.7	272.1	250	175.0	250			

PEH, REH Cabinet Size	kW	AK3 230/1/60							
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP
			HP	FLA					
A	10	41.7	1/4	2.3	54.4	96.1	90	60.0	90
			1/3	3.0	55.1	96.8	90	60.0	90
			1/2	4.4	56.5	98.2	90	60.0	90
			3/4	5.5	57.6	99.3	100	60.0	100
			1	6.5	58.6	100.3	100	60.0	100
			1 1/2	7.5	59.6	101.3	100	60.0	100
			2	12.3	64.4	106.1	100	70.0	100
			3	12.4	64.5	106.2	100	70.0	100
	5	25.6	77.7	119.4	100	80.0	100		
	20	83.3	1/4	2.3	106.5	189.8	175	125.0	175
			1/3	3.0	107.2	190.5	175	125.0	175
			1/2	4.4	108.6	191.9	175	125.0	175
			3/4	5.5	109.7	193.0	175	125.0	175
			1	6.5	110.7	194.0	175	125.0	175
			1 1/2	7.5	111.7	195.0	175	125.0	175
			2	12.3	116.5	199.8	200	125.0	200
3			12.4	116.6	199.9	200	125.0	200	
5	25.6	129.8	213.1	200	150.0	200			
B	15	62.5	1/4	2.3	80.4	142.9	125	90.0	125
			1/3	3.0	81.1	143.6	125	90.0	125
			1/2	4.4	82.5	145.0	125	90.0	125
			3/4	5.5	83.6	146.1	125	90.0	125
			1	6.5	84.6	147.1	125	90.0	125
			1 1/2	7.5	85.6	148.1	125	90.0	125
			2	12.3	90.4	152.9	150	100.0	150
			3	12.4	90.5	153.0	150	100.0	150
	5	25.6	103.7	166.2	150	125.0	150		
	30	125.0	1/4	2.3	158.6	283.6	250	175.0	250
			1/3	3.0	159.3	284.3	250	175.0	250
			1/2	4.4	160.7	285.7	250	175.0	250
			3/4	5.5	161.8	286.8	250	175.0	250
			1	6.5	162.8	287.8	250	175.0	250
			1 1/2	7.5	163.8	288.8	250	175.0	250
			2	12.3	168.6	293.6	250	175.0	250
3			12.4	168.7	293.7	250	175.0	250	
5	25.6	181.9	306.9	300	200.0	300			

PEH, REH Cabinet Size	kW	AK5 208/3/60							
		EH FLA	Blower Motor		MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP	
			HP	FLA					
A	20	41.7	1/4	1.1	53.5	44.2	45	60.0	60
			1/3	1.4	53.9	44.8	45	60.0	60
			1/2	2.5	55.2	47.3	45	60.0	60
			3/4	2.9	55.7	48.2	45	60.0	60
			1	3.7	56.7	50.0	50	60.0	60
			1 1/2	5.6	59.1	54.3	50	60.0	60
			2	7.0	60.9	57.4	50	70.0	70
			3	9.0	63.4	61.9	60	70.0	70
			5	13.4	68.9	71.8	70	70.0	70
	40	83.4	1/4	1.1	105.6	85.9	80	125.0	125
			1/3	1.4	106.0	86.5	80	125.0	125
			1/2	2.5	107.4	89.0	90	125.0	125
			3/4	2.9	107.9	89.9	90	125.0	125
			1	3.7	108.9	91.7	90	125.0	125
			1 1/2	5.6	111.2	96.0	90	125.0	125
			2	7.0	113.0	99.1	100	125.0	125
			3	9.0	115.5	103.6	100	125.0	125
			5	13.4	121.0	113.5	100	125.0	125

PEH, REH Cabinet Size	kW	AK5 208/3/60							
		EH FLA	Blower Motor		MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP	
			HP	FLA					
B	30	62.5	1/4	1.1	79.6	65.0	60	80.0	80
			1/3	1.4	79.9	65.7	60	80.0	80
			1/2	2.5	81.3	68.2	60	90.0	90
			3/4	2.9	81.8	69.1	70	90.0	90
			1	3.7	82.8	70.9	70	90.0	90
			1 1/2	5.6	85.2	75.1	70	90.0	90
			2	7.0	86.9	78.3	70	90.0	90
			3	9.0	89.4	82.8	80	90.0	90
			5	13.4	94.9	92.7	90	100.0	100
	60	125.1	1/4	1.1	126.5	127.6	125	150.0	150
			1/3	1.4	126.8	128.2	125	150.0	150
			1/2	2.5	128.2	130.7	125	150.0	150
			3/4	2.9	128.7	131.6	125	150.0	150
			1	3.7	129.7	133.4	125	150.0	150
			1 1/2	5.6	132.1	137.7	125	150.0	150
			2	7.0	133.8	140.8	125	150.0	150
			3	9.0	136.3	145.3	125	150.0	150
			5	13.4	141.8	155.2	150	150.0	150
D	90	187.6	1/4	1.1	189.0	190.1	175	200.0	200
			1/3	1.4	189.4	190.8	175	200.0	200
			1/2	2.5	190.8	193.3	175	200.0	200
			3/4	2.9	191.3	194.2	175	200.0	200
			1	3.7	192.3	196.0	175	200.0	200
			1 1/2	5.6	194.6	200.2	200	200.0	200
			2	7.0	196.4	203.4	200	200.0	200
			3	9.0	198.9	207.9	200	200.0	200
			5	13.4	204.4	217.8	200	225.0	225
	120	250.2	1/4	1.1	251.6	252.7	250	300.0	300
			1/3	1.4	251.9	253.3	250	300.0	300
			1/2	2.5	253.3	255.8	250	300.0	300
			3/4	2.9	253.8	256.7	250	300.0	300
			1	3.7	254.8	258.5	250	300.0	300
			1 1/2	5.6	257.2	262.8	250	300.0	300
			2	7.0	258.9	265.9	250	300.0	300
			3	9.0	261.4	270.4	250	300.0	300
			5	13.4	266.9	280.3	250	300.0	300
E	40	83.4	1/4	1.1	105.6	85.9	80	125.0	125
			1/3	1.4	106.0	86.5	80	125.0	125
			1/2	2.5	107.4	89.0	90	125.0	125
			3/4	2.9	107.9	89.9	90	125.0	125
			1	3.7	108.9	91.7	90	125.0	125
			1 1/2	5.6	111.2	96.0	90	125.0	125
			2	7.0	113.0	99.1	100	125.0	125
			3	9.0	115.5	103.6	100	125.0	125
			5	13.4	121.0	113.5	100	125.0	125
	80	166.8	1/4	1.1	168.2	169.3	150	175.0	175
			1/3	1.4	168.5	169.9	150	175.0	175
			1/2	2.5	169.9	172.4	150	175.0	175
			3/4	2.9	170.4	173.3	150	175.0	175
			1	3.7	171.4	175.1	175	175.0	175
			1 1/2	5.6	173.8	179.4	175	175.0	175
			2	7.0	175.5	182.5	175	200.0	200
			3	9.0	178.0	187.0	175	200.0	200
			5	13.4	183.5	196.9	175	200.0	200
120	250.2	1/4	1.1	251.6	252.7	250	300.0	300	
		1/3	1.4	251.9	253.3	250	300.0	300	
		1/2	2.5	253.3	255.8	250	300.0	300	
		3/4	2.9	253.8	256.7	250	300.0	300	
		1	3.7	254.8	258.5	250	300.0	300	
		1 1/2	5.6	257.2	262.8	250	300.0	300	
		2	7.0	258.9	265.9	250	300.0	300	
		3	9.0	261.4	270.4	250	300.0	300	
		5	13.4	266.9	280.3	250	300.0	300	



MCA & MOP Data

For PREEVA® Electric Units without
Dehumidification Models PEH or REH

PEH, REH Cabinet Size	kW	AK6 230/3/60							
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP
			HP	FLA					
A	20	48.1	1/4	1.4	61.9	51.3	50	70.0	70
			1/3	1.6	62.1	51.7	50	70.0	70
			1/2	3.0	63.9	54.9	50	70.0	70
			3/4	2.6	63.4	54.0	50	70.0	70
			1	3.2	64.1	55.3	50	70.0	70
			1 1/2	5.0	66.4	59.4	60	70.0	70
			2	6.6	68.4	63.0	60	70.0	70
	40	96.2	3	8.6	70.9	67.5	60	80.0	80
			5	13.2	76.6	77.8	70	80.0	80
			1/4	1.4	122.0	99.4	100	125.0	125
			1/3	1.6	122.3	99.8	100	125.0	125
			1/2	3.0	124.0	103.0	100	125.0	125
			3/4	2.6	123.5	102.1	100	125.0	125
			1	3.2	124.3	103.4	100	125.0	125
B	30	72.2	1 1/2	5.0	126.5	107.5	100	150.0	150
			2	6.6	128.5	111.1	100	150.0	150
			3	8.6	131.0	115.6	100	150.0	150
			5	13.2	136.8	125.9	125	150.0	150
			1/4	1.4	92.0	75.3	70	100.0	100
			1/3	1.6	92.2	75.8	70	100.0	100
			1/2	3.0	94.0	78.9	70	100.0	100
	60	144.3	3/4	2.6	93.5	78.0	70	100.0	100
			1	3.2	94.2	79.4	80	100.0	100
			1 1/2	5.0	96.5	83.4	80	100.0	100
			2	6.6	98.5	87.0	80	100.0	100
			3	8.6	101.0	91.5	90	125.0	125
			5	13.2	106.7	101.9	100	125.0	125
			1/4	1.4	146.1	147.5	125	150.0	150
1/3	1.6	146.3	147.9	125	150.0	150			
1/2	3.0	148.1	151.1	150	150.0	150			
3/4	2.6	147.6	150.2	150	150.0	150			
1	3.2	148.3	151.5	150	150.0	150			
1 1/2	5.0	150.6	155.6	150	175.0	175			
2	6.6	152.6	159.2	150	175.0	175			
3	8.6	155.1	163.7	150	175.0	175			
5	13.2	160.8	174.0	175	175.0	175			

PEH, REH Cabinet Size	kW	AK6 230/3/60									
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP		
			HP	FLA							
D	30	72.2	1/4	1.4	92.0	75.3	70	100.0	100		
			1/3	1.6	92.2	75.8	70	100.0	100		
			1/2	3.0	94.0	78.9	70	100.0	100		
			3/4	2.6	93.5	78.0	70	100.0	100		
			1	3.2	94.2	79.4	80	100.0	100		
			1 1/2	5.0	96.5	83.4	80	100.0	100		
			2	6.6	98.5	87.0	80	100.0	100		
			3	8.6	101.0	91.5	90	125.0	125		
			5	13.2	106.7	101.9	100	125.0	125		
			60	144.3	1/4	1.4	146.1	147.5	125	150.0	150
					1/3	1.6	146.3	147.9	125	150.0	150
					1/2	3.0	148.1	151.1	150	150.0	150
					3/4	2.6	147.6	150.2	150	150.0	150
					1	3.2	148.3	151.5	150	150.0	150
	1 1/2	5.0			150.6	155.6	150	175.0	175		
	2	6.6			152.6	159.2	150	175.0	175		
	90	216.5	3	8.6	155.1	163.7	150	175.0	175		
			5	13.2	160.8	174.0	175	175.0	175		
			1/4	1.4	218.3	219.7	200	225.0	225		
			1/3	1.6	218.5	220.1	200	225.0	225		
			1/2	3.0	220.3	223.3	225	225.0	225		
			3/4	2.6	219.8	222.4	225	225.0	225		
			1	3.2	220.5	223.7	225	225.0	225		
			1 1/2	5.0	222.8	227.8	225	225.0	225		
			2	6.6	224.8	231.4	225	225.0	225		
			3	8.6	227.3	235.9	225	250.0	250		
			5	13.2	233.0	246.2	225	250.0	250		
			120	288.7	1/4	1.4	290.4	291.8	250	300.0	300
1/3					1.6	290.7	292.3	250	300.0	300	
1/2					3.0	292.4	295.4	250	300.0	300	
3/4	2.6	291.9			294.5	250	300.0	300			
1	3.2	292.7			295.9	250	300.0	300			
1 1/2	5.0	294.9			299.9	300	300.0	300			
2	6.6	296.9			303.5	300	300.0	300			
3	8.6	299.4			308.0	300	300.0	300			
5	13.2	305.2			318.4	300	350.0	350			
40	96.2	1/4			1.4	122.0	99.4	100	125.0	125	
		1/3			1.6	122.3	99.8	100	125.0	125	
		1/2			3.0	124.0	103.0	100	125.0	125	
		3/4			2.6	123.5	102.1	100	125.0	125	
		1			3.2	124.3	103.4	100	125.0	125	
		1 1/2	5.0	126.5	107.5	100	150.0	150			
		2	6.6	128.5	111.1	100	150.0	150			
		3	8.6	131.0	115.6	100	150.0	150			
		5	13.2	136.8	125.9	125	150.0	150			
		80	192.5	1/4	1.4	194.2	195.6	175	200.0	200	
				1/3	1.6	194.5	196.1	175	200.0	200	
				1/2	3.0	196.2	199.2	200	200.0	200	
				3/4	2.6	195.7	198.3	175	200.0	200	
				1	3.2	196.5	199.7	200	200.0	200	
1 1/2	5.0			198.7	203.7	200	200.0	200			
2	6.6			200.7	207.3	200	225.0	225			
3	8.6			203.2	211.8	200	225.0	225			
5	13.2			209.0	222.2	225	225.0	225			
120	288.7			1/4	1.4	290.4	291.8	250	300.0	300	
				1/3	1.6	290.7	292.3	250	300.0	300	
				1/2	3.0	292.4	295.4	250	300.0	300	
				3/4	2.6	291.9	294.5	250	300.0	300	
				1	3.2	292.7	295.9	250	300.0	300	
		1 1/2	5.0	294.9	299.9	300	300.0	300			
		2	6.6	296.9	303.5	300	300.0	300			
		3	8.6	299.4	308.0	300	300.0	300			
		5	13.2	305.2	318.4	300	350.0	350			

PEH, REH Cabinet Size	kW	AK7 480/3/60							
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP
			HP	FLA					
A	20	24.1	1/4	0.75	30.8	54.9	50	35.0	50
			1/3	0.8	30.9	54.9	50	35.0	50
			1/2	1.5	31.6	55.6	50	35.0	50
			3/4	1.3	31.4	55.4	50	35.0	50
			1	1.6	31.7	55.7	50	35.0	50
			1 1/2	2.8	32.9	56.9	50	35.0	50
			2	3.5	33.6	57.6	50	35.0	50
			3	4.3	34.4	58.4	50	35.0	50
	5	6.6	36.7	60.7	60	40.0	60		
	40	48.1	1/4	0.75	60.9	109.0	100	70.0	100
			1/3	0.8	60.9	109.1	100	70.0	100
			1/2	1.5	61.6	109.8	100	70.0	100
			3/4	1.3	61.4	109.6	100	70.0	100
			1	1.6	61.7	109.9	100	70.0	100
			1 1/2	2.8	62.9	111.1	100	70.0	100
			2	3.5	63.6	111.8	100	70.0	100
3			4.3	64.4	112.6	100	70.0	100	
5	6.6	66.7	114.9	100	70.0	100			
B	30	36.1	1/4	0.75	45.9	81.9	80	50.0	80
			1/3	0.8	45.9	82.0	80	50.0	80
			1/2	1.5	46.6	82.7	80	50.0	80
			3/4	1.3	46.4	82.5	80	50.0	80
			1	1.6	46.7	82.8	80	50.0	80
			1 1/2	2.8	47.9	84.0	80	50.0	80
			2	3.5	48.6	84.7	80	50.0	80
			3	4.3	49.4	85.5	80	50.0	80
	5	6.6	51.7	87.8	80	60.0	80		
	60	72.2	1/4	0.75	73.1	73.9	70	80.0	80
			1/3	0.8	73.2	74.0	70	80.0	80
			1/2	1.5	74.0	75.5	70	80.0	80
			3/4	1.3	73.8	75.1	70	80.0	80
			1	1.6	74.2	75.8	70	80.0	80
			1 1/2	2.8	75.7	78.5	70	80.0	80
			2	3.5	76.5	80.0	80	80.0	80
3			4.3	77.5	81.8	80	80.0	80	
5	6.6	80.4	87.0	80	90.0	90			

PEH, REH Cabinet Size	kW	AK7 480/3/60							
		EH FLA	Blower Motor		MCA	MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP
			HP	FLA					
D	30	36.1	1/4	0.75	45.9	81.9	80	50.0	80
			1/3	0.8	45.9	82.0	80	50.0	80
			1/2	1.5	46.6	82.7	80	50.0	80
			3/4	1.3	46.4	82.5	80	50.0	80
			1	1.6	46.7	82.8	80	50.0	80
			1 1/2	2.8	47.9	84.0	80	50.0	80
			2	3.5	48.6	84.7	80	50.0	80
			3	4.3	49.4	85.5	80	50.0	80
	60	72.2	1/4	0.75	73.1	73.9	70	80.0	80
			1/3	0.8	73.2	74.0	70	80.0	80
			1/2	1.5	74.0	75.5	70	80.0	80
			3/4	1.3	73.8	75.1	70	80.0	80
			1	1.6	74.2	75.8	70	80.0	80
			1 1/2	2.8	75.7	78.5	70	80.0	80
			2	3.5	76.5	80.0	80	80.0	80
			3	4.3	77.5	81.8	80	80.0	80
	90	108.3	1/4	0.75	109.2	109.9	100	125.0	125
			1/3	0.8	109.3	110.1	100	125.0	125
			1/2	1.5	110.1	111.6	100	125.0	125
			3/4	1.3	109.9	111.2	100	125.0	125
			1	1.6	110.3	111.9	100	125.0	125
			1 1/2	2.8	111.8	114.6	100	125.0	125
			2	3.5	112.6	116.1	100	125.0	125
			3	4.3	113.6	117.9	100	125.0	125
120	144.3	1/4	0.75	145.3	146.0	125	150.0	150	
		1/3	0.8	145.3	146.1	125	150.0	150	
		1/2	1.5	146.2	147.7	125	150.0	150	
		3/4	1.3	146.0	147.3	125	150.0	150	
		1	1.6	146.3	147.9	125	150.0	150	
		1 1/2	2.8	147.8	150.6	150	150.0	150	
		2	3.5	148.7	152.2	150	150.0	150	
		3	4.3	149.7	154.0	150	150.0	150	
E	40	48.1	1/4	0.75	60.9	109.0	100	70.0	100
			1/3	0.8	60.9	109.1	100	70.0	100
			1/2	1.5	61.6	109.8	100	70.0	100
			3/4	1.3	61.4	109.6	100	70.0	100
			1	1.6	61.7	109.9	100	70.0	100
			1 1/2	2.8	62.9	111.1	100	70.0	100
			2	3.5	63.6	111.8	100	70.0	100
			3	4.3	64.4	112.6	100	70.0	100
	80	96.2	1/4	0.75	97.2	97.9	90	100.0	100
			1/3	0.8	97.2	98.0	90	100.0	100
			1/2	1.5	98.1	99.6	100	100.0	100
			3/4	1.3	97.9	99.2	100	100.0	100
			1	1.6	98.2	99.8	100	100.0	100
			1 1/2	2.8	99.7	102.5	100	100.0	100
			2	3.5	100.6	104.1	100	125.0	125
			3	4.3	101.6	105.9	100	125.0	125
	120	144.3	1/4	0.75	145.3	146.0	125	150.0	150
			1/3	0.8	145.3	146.1	125	150.0	150
			1/2	1.5	146.2	147.7	125	150.0	150
			3/4	1.3	146.0	147.3	125	150.0	150
			1	1.6	146.3	147.9	125	150.0	150
			1 1/2	2.8	147.8	150.6	150	150.0	150
			2	3.5	148.7	152.2	150	150.0	150
			3	4.3	149.7	154.0	150	150.0	150
5	6.6	152.6	159.2	150	175.0	175			

PEH, REH Cabinet Size	kW	AK8							
		EH FLA	Blower Motor		MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP	
			HP	FLA					
A	20	20.1	1/2	0.9	26.0	46.1	45	30.0	45
			3/4	1.0	26.1	46.2	45	30.0	45
			1	1.1	26.2	46.3	45	30.0	45
			1 1/2	1.6	26.7	46.8	45	30.0	45
			2	2.1	27.2	47.3	45	30.0	45
			3	3.6	28.7	48.8	45	30.0	45
			5	5.4	30.5	50.6	50	35.0	50
	40	40.2	1/2	0.9	51.1	91.3	90	60.0	90
			3/4	1.0	51.2	91.4	90	60.0	90
			1	1.1	51.3	91.5	90	60.0	90
			1 1/2	1.6	51.8	92.0	90	60.0	90
			2	2.1	52.3	92.5	90	60.0	90
			3	3.6	53.8	94.0	90	60.0	90
			5	5.4	55.6	95.8	90	60.0	90
B	30	30.1	1/2	0.9	38.6	68.7	60	40.0	60
			3/4	1.0	38.7	68.8	60	40.0	60
			1	1.1	38.8	68.9	60	40.0	60
			1 1/2	1.6	39.3	69.4	70	40.0	70
			2	2.1	39.8	69.9	70	40.0	70
			3	3.6	41.3	71.4	70	45.0	70
			5	5.4	43.1	73.2	70	45.0	70
	60	60.2	1/2	0.9	61.4	62.3	60	70.0	70
			3/4	1.0	61.5	62.5	60	70.0	70
			1	1.1	61.6	62.7	60	70.0	70
			1 1/2	1.6	62.2	63.8	60	70.0	70
			2	2.1	62.9	65.0	60	70.0	70
			3	3.6	64.7	68.3	60	70.0	70
			5	5.4	67.0	72.4	70	70.0	70

PEH, REH Cabinet Size	kW	AK8							
		EH FLA	Blower Motor		MOP (Calc)	MOP (Fuse)	MOP (MCA)	MOP	
			HP	FLA					
D	30	30.1	1/2	0.9	38.6	68.7	60	40.0	60
			3/4	1.0	38.7	68.8	60	40.0	60
			1	1.1	38.8	68.9	60	40.0	60
			1 1/2	1.6	39.3	69.4	70	40.0	70
			2	2.1	39.8	69.9	70	40.0	70
			3	3.6	41.3	71.4	70	45.0	70
			5	5.4	43.1	73.2	70	45.0	70
	60	60.2	1/2	0.9	61.4	62.3	60	70.0	70
			3/4	1.0	61.5	62.5	60	70.0	70
			1	1.1	61.6	62.7	60	70.0	70
			1 1/2	1.6	62.2	63.8	60	70.0	70
			2	2.1	62.9	65.0	60	70.0	70
			3	3.6	64.7	68.3	60	70.0	70
			5	5.4	67.0	72.4	70	70.0	70
E	90	90.4	1/2	0.9	91.5	92.4	90	100.0	100
			3/4	1.0	91.6	92.6	90	100.0	100
			1	1.1	91.7	92.8	90	100.0	100
			1 1/2	1.6	92.4	94.0	90	100.0	100
			2	2.1	93.0	95.1	90	100.0	100
			3	3.6	94.9	98.5	90	100.0	100
			5	5.4	97.1	102.5	100	100.0	100
	120	120.5	1/2	0.9	121.6	122.5	100	125.0	125
			3/4	1.0	121.7	122.7	100	125.0	125
			1	1.1	121.9	123.0	100	125.0	125
			1 1/2	1.6	122.5	124.1	125	125.0	125
			2	2.1	123.1	125.2	125	125.0	125
			3	3.6	125.0	128.6	125	125.0	125
			5	5.4	127.2	132.6	125	150.0	150
E	40	40.2	1/2	0.9	51.1	91.3	90	60.0	90
			3/4	1.0	51.2	91.4	90	60.0	90
			1	1.1	51.3	91.5	90	60.0	90
			1 1/2	1.6	51.8	92.0	90	60.0	90
			2	2.1	52.3	92.5	90	60.0	90
			3	3.6	53.8	94.0	90	60.0	90
			5	5.4	55.6	95.8	90	60.0	90
	80	80.3	1/2	0.9	81.5	82.4	80	90.0	90
			3/4	1.0	81.6	82.6	80	90.0	90
			1	1.1	81.7	82.8	80	90.0	90
			1 1/2	1.6	82.3	83.9	80	90.0	90
			2	2.1	83.0	85.1	80	90.0	90
			3	3.6	84.8	88.4	80	90.0	90
			5	5.4	87.1	92.5	90	90.0	90
120	120.5	1/2	0.9	121.6	122.5	100	125.0	125	
		3/4	1.0	121.7	122.7	100	125.0	125	
		1	1.1	121.9	123.0	100	125.0	125	
		1 1/2	1.6	122.5	124.1	125	125.0	125	
		2	2.1	123.1	125.2	125	125.0	125	
		3	3.6	125.0	128.6	125	125.0	125	
		5	5.4	127.2	132.6	125	150.0	150	

Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK2 208/1/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	10	1/4	2.3	19.9	35	47.4	80	47.4	80
			1/3	3.0	20.6	35	48.1	80	48.1	80
			1/2	5.1	22.7	35	50.2	80	50.2	80
			3/4	6.3	23.9	35	51.4	80	51.4	80
			1	7.5	25.1	40	52.6	80	52.6	80
			1 1/2	7.8	25.4	40	52.9	90	52.9	90
			2	12.3	29.9	45	57.4	90	57.4	90
		20	3	13.7	31.3	45	58.8	90	58.8	90
			5	28.3	49.5	70	73.4	100	73.4	100
			1/4	2.3	19.9	35	92.6	150	92.6	150
			1/3	3.0	20.6	35	93.3	150	93.3	150
			1/2	5.1	22.7	35	95.4	150	95.4	150
			3/4	6.3	23.9	35	96.6	150	96.6	150
			1	7.5	25.1	40	97.8	150	97.8	150
B	ZP29K5E	15	1 1/2	7.8	25.4	40	98.1	150	98.1	150
			2	12.3	29.9	45	102.6	175	102.6	175
			3	13.7	31.3	45	104.0	175	104.0	175
			5	28.3	49.5	70	118.6	175	118.6	175
			1/4	2.3	19.9	35	70.0	125	70.0	125
			1/3	3.0	20.6	35	70.7	125	70.7	125
			1/2	5.1	22.7	35	72.8	125	72.8	125
		30	3/4	6.3	23.9	35	74.0	125	74.0	125
			1	7.5	25.1	40	75.2	125	75.2	125
			1 1/2	7.8	25.4	40	75.5	125	75.5	125
			2	12.3	29.9	45	80.0	125	80.0	125
			3	13.7	31.3	45	81.4	125	81.4	125
			5	28.3	49.5	70	96.0	150	96.0	150
			1/4	2.3	19.9	35	137.7	225	137.7	225
1/3	3.0	20.6	35	138.4	225	138.4	225			
1/2	5.1	22.7	35	140.5	225	140.5	225			
3/4	6.3	23.9	35	141.7	250	141.7	250			
1	7.5	25.1	40	142.9	250	142.9	250			
1 1/2	7.8	25.4	40	143.2	250	143.2	250			
2	12.3	29.9	45	147.7	250	147.7	250			
3	13.7	31.3	45	149.1	250	149.1	250			
5	28.3	49.5	70	163.7	250	163.7	250			

Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK3 230/1/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	10	1/4	2.3	19.9	35	54.4	90	54.4	90
			1/3	3.0	20.6	35	55.1	90	55.1	90
			1/2	4.4	22.0	35	56.5	90	56.5	90
			3/4	5.5	23.1	35	57.6	100	57.6	100
			1	6.5	24.1	35	58.6	100	58.6	100
			1 1/2	7.5	25.1	40	59.6	100	59.6	100
			2	12.3	29.9	45	64.4	100	64.4	100
		20	3	12.4	30.0	45	64.5	100	64.5	100
			5	25.6	46.1	70	77.7	100	77.7	100
			1/4	2.3	19.9	35	106.5	175	106.5	175
			1/3	3.0	20.6	35	107.2	175	107.2	175
			1/2	4.4	22.0	35	108.6	175	108.6	175
			3/4	5.5	23.1	35	109.7	175	109.7	175
			1	6.5	24.1	35	110.7	175	110.7	175
B	ZP29K5E	15	1 1/2	7.5	25.1	40	111.7	175	111.7	175
			2	12.3	29.9	45	116.5	200	116.5	200
			3	12.4	30.0	45	116.6	200	116.6	200
			5	25.6	46.1	70	129.8	200	129.8	200
			1/4	2.3	19.9	35	80.4	125	80.4	125
			1/3	3.0	20.6	35	81.1	125	81.1	125
			1/2	4.4	22.0	35	82.5	125	82.5	125
		30	3/4	5.5	23.1	35	83.6	125	83.6	125
			1	6.5	24.1	35	84.6	125	84.6	125
			1 1/2	7.5	25.1	40	85.6	125	85.6	125
			2	12.3	29.9	45	90.4	150	90.4	150
			3	12.4	30.0	45	90.5	150	90.5	150
			5	25.6	46.1	70	103.7	150	103.7	150
			1/4	2.3	19.9	35	158.6	250	158.6	250
1/3	3.0	20.6	35	159.3	250	159.3	250			
1/2	4.4	22.0	35	160.7	250	160.7	250			
3/4	5.5	23.1	35	161.8	250	161.8	250			
1	6.5	24.1	35	162.8	250	162.8	250			
1 1/2	7.5	25.1	40	163.8	250	163.8	250			
2	12.3	29.9	45	168.6	250	168.6	250			
3	12.4	30.0	45	168.7	250	168.7	250			
5	25.6	46.1	70	181.9	300	181.9	300			



MCA & MOP Data

For PREEVA® Electric Units with
Dehumidification Models PEH or REH

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK5 208/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/4	1.1	12.3	20	53.2	90	53.2	90
			1/3	1.4	12.6	20	53.5	90	53.5	90
			1/2	2.5	13.7	20	54.6	90	54.6	90
			3/4	2.9	14.1	20	55.0	90	55.0	90
			1	3.7	14.9	20	55.8	90	55.8	90
			1 1/2	5.6	16.8	25	57.7	100	57.7	100
			2	7.0	18.2	25	59.1	100	59.1	100
			3	9.0	20.2	30	61.1	100	61.1	100
		5	13.4	25.7	40	65.5	100	65.5	100	
		40	1/4	1.1	12.3	20	105.3	175	105.3	175
			1/3	1.4	12.6	20	105.6	175	105.6	175
			1/2	2.5	13.7	20	106.7	175	106.7	175
			3/4	2.9	14.1	20	107.1	175	107.1	175
			1	3.7	14.9	20	107.9	175	107.9	175
			1 1/2	5.6	16.8	25	109.8	175	109.8	175
			2	7.0	18.2	25	111.2	175	111.2	175
3	9.0		20.2	30	113.2	175	113.2	175		
5	13.4	25.7	40	117.6	200	117.6	200			
B	ZP29K5E	30	1/4	1.1	12.3	20	79.3	125	79.3	125
			1/3	1.4	12.6	20	79.6	125	79.6	125
			1/2	2.5	13.7	20	80.7	125	80.7	125
			3/4	2.9	14.1	20	81.1	125	81.1	125
			1	3.7	14.9	20	81.9	125	81.9	125
			1 1/2	5.6	16.8	25	83.8	125	83.8	125
			2	7.0	18.2	25	85.2	125	85.2	125
			3	9.0	20.2	30	87.2	150	87.2	150
		5	13.4	25.7	40	91.6	150	91.6	150	
		60	1/4	1.1	12.3	20	126.5	150	126.5	150
			1/3	1.4	12.6	20	126.8	150	126.8	150
			1/2	2.5	13.7	20	128.2	150	128.2	150
			3/4	2.9	14.1	20	128.7	150	128.7	150
			1	3.7	14.9	20	129.7	150	129.7	150
			1 1/2	5.6	16.8	25	132.1	150	132.1	150
			2	7.0	18.2	25	133.8	150	133.8	150
3	9.0		20.2	30	136.3	150	136.3	150		
5	13.4	25.7	40	141.8	150	141.8	150			

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK5 208/3/60								
			Blower Motor		Cooling		Heating		MCA	MOP	
			HP	FLA	MCA	MOP	MCA	MOP			
D	ZP57K3E	30	1/4	1.1	12.3	20	79.3	125	79.3	125	
			1/3	1.4	12.6	20	79.6	125	79.6	125	
			1/2	2.5	13.7	20	80.7	125	80.7	125	
			3/4	2.9	14.1	20	81.1	125	81.1	125	
			1	3.7	14.9	20	81.9	125	81.9	125	
			1 1/2	5.6	16.8	25	83.8	125	83.8	125	
			2	7.0	18.2	25	85.2	125	85.2	125	
			3	9.0	20.2	30	87.2	150	87.2	150	
			5	13.4	25.7	40	91.6	150	91.6	150	
			60	1/4	1.1	12.3	20	126.5	150	126.5	150
				1/3	1.4	12.6	20	126.8	150	126.8	150
				1/2	2.5	13.7	20	128.2	150	128.2	150
				3/4	2.9	14.1	20	128.7	150	128.7	150
				1	3.7	14.9	20	129.7	150	129.7	150
				1 1/2	5.6	16.8	25	132.1	150	132.1	150
				2	7.0	18.2	25	133.8	150	133.8	150
		3		9.0	20.2	30	136.3	150	136.3	150	
		5	13.4	25.7	40	141.8	150	141.8	150		
		90	1/4	1.1	12.3	20	189.0	200	189.0	200	
			1/3	1.4	12.6	20	189.4	200	189.4	200	
			1/2	2.5	13.7	20	190.8	200	190.8	200	
			3/4	2.9	14.1	20	191.3	200	191.3	200	
			1	3.7	14.9	20	192.3	200	192.3	200	
			1 1/2	5.6	16.8	25	194.6	200	194.6	200	
			2	7.0	18.2	25	196.4	200	196.4	200	
			3	9.0	20.2	30	198.9	200	198.9	200	
			5	13.4	25.7	40	204.4	225	204.4	225	
			120	1/4	1.1	12.3	20	251.6	300	251.6	300
				1/3	1.4	12.6	20	251.9	300	251.9	300
				1/2	2.5	13.7	20	253.3	300	253.3	300
				3/4	2.9	14.1	20	253.8	300	253.8	300
				1	3.7	14.9	20	254.8	300	254.8	300
1 1/2	5.6			16.8	25	257.2	300	257.2	300		
2	7.0			18.2	25	258.9	300	258.9	300		
3	9.0	20.2		30	261.4	300	261.4	300			
5	13.4	25.7	40	266.9	300	266.9	300				
E	ZP57K3E	40	1/4	1.1	26.7	45	105.3	175	105.3	175	
			1/3	1.4	27.0	45	105.6	175	105.6	175	
			1/2	2.5	28.1	45	106.7	175	106.7	175	
			3/4	2.9	28.5	50	107.1	175	107.1	175	
			1	3.7	29.3	50	107.9	175	107.9	175	
			1 1/2	5.6	31.2	50	109.8	175	109.8	175	
			2	7.0	32.6	50	111.2	175	111.2	175	
			3	9.0	34.6	50	113.2	175	113.2	175	
		5	13.4	39.0	60	117.6	200	117.6	200		
		80	1/4	1.1	26.7	45	168.2	175	168.2	175	
			1/3	1.4	27.0	45	168.5	175	168.5	175	
			1/2	2.5	28.1	45	169.9	175	169.9	175	
			3/4	2.9	28.5	50	170.4	175	170.4	175	
			1	3.7	29.3	50	171.4	175	171.4	175	
			1 1/2	5.6	31.2	50	173.8	175	173.8	175	
			2	7.0	32.6	50	175.5	200	175.5	200	
			3	9.0	34.6	50	178.0	200	178.0	200	
		5	13.4	39.0	60	183.5	200	183.5	200		
		120	1/4	1.1	26.7	45	251.6	300	251.6	300	
			1/3	1.4	27.0	45	251.9	300	251.9	300	
			1/2	2.5	28.1	45	253.3	300	253.3	300	
			3/4	2.9	28.5	50	253.8	300	253.8	300	
			1	3.7	29.3	50	254.8	300	254.8	300	
			1 1/2	5.6	31.2	50	257.2	300	257.2	300	
2	7.0		32.6	50	258.9	300	258.9	300			
3	9.0		34.6	50	261.4	300	261.4	300			
5	13.4	39.0	60	266.9	300	266.9	300				

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK6 230/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/4	1.4	12.6	20	61.5	100	61.5	100
			1/3	1.6	12.8	20	61.7	100	61.7	100
			1/2	3.0	14.2	20	63.1	100	63.1	100
			3/4	2.6	13.8	20	62.7	100	62.7	100
			1	3.2	14.4	20	63.3	100	63.3	100
			1 1/2	5.0	16.2	25	65.1	100	65.1	100
			2	6.6	17.8	25	66.7	100	66.7	100
			3	8.6	19.8	25	68.7	100	68.7	100
			5	13.2	25.5	35	73.3	100	73.3	100
		40	1/4	1.4	12.6	20	121.7	200	121.7	200
			1/3	1.6	12.8	20	121.9	200	121.9	200
			1/2	3.0	14.2	20	123.3	200	123.3	200
			3/4	2.6	13.8	20	122.9	200	122.9	200
			1	3.2	14.4	20	123.5	200	123.5	200
			1 1/2	5.0	16.2	25	125.3	225	125.3	225
B	ZP29K5E	30	1/4	1.4	12.6	20	91.6	150	91.6	150
			1/3	1.6	12.8	20	91.8	150	91.8	150
			1/2	3.0	14.2	20	93.2	150	93.2	150
			3/4	2.6	13.8	20	92.8	150	92.8	150
			1	3.2	14.4	20	93.4	150	93.4	150
			1 1/2	5.0	16.2	25	95.2	150	95.2	150
			2	6.6	17.8	25	96.8	150	96.8	150
			3	8.6	19.8	25	98.8	150	98.8	150
			5	13.2	25.5	35	103.4	175	103.4	175
		60	1/4	1.4	12.6	20	146.1	150	146.1	150
			1/3	1.6	12.8	20	146.3	150	146.3	150
			1/2	3.0	14.2	20	148.1	150	148.1	150
			3/4	2.6	13.8	20	147.6	150	147.6	150
			1	3.2	14.4	20	148.3	150	148.3	150
			1 1/2	5.0	16.2	25	150.6	175	150.6	175

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK6 230/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
D	ZP57K3E	30	1/4	1.4	12.6	20	91.6	150	91.6	150
			1/3	1.6	12.8	20	91.8	150	91.8	150
			1/2	3.0	14.2	20	93.2	150	93.2	150
			3/4	2.6	13.8	20	92.8	150	92.8	150
			1	3.2	14.4	20	93.4	150	93.4	150
			1 1/2	5.0	16.2	25	95.2	150	95.2	150
			2	6.6	17.8	25	96.8	150	96.8	150
			3	8.6	19.8	25	98.8	150	98.8	150
			5	13.2	25.5	35	103.4	175	103.4	175
			60	1/4	1.4	12.6	20	146.1	150	146.1
		1/3		1.6	12.8	20	146.3	150	146.3	150
		1/2		3.0	14.2	20	148.1	150	148.1	150
		3/4		2.6	13.8	20	147.6	150	147.6	150
		1		3.2	14.4	20	148.3	150	148.3	150
		1 1/2		5.0	16.2	25	150.6	175	150.6	175
		2		6.6	17.8	25	152.6	175	152.6	175
		3		8.6	19.8	25	155.1	175	155.1	175
		5		13.2	25.5	35	160.8	175	160.8	175
		90		1/4	1.4	12.6	20	218.3	225	218.3
			1/3	1.6	12.8	20	218.5	225	218.5	225
			1/2	3.0	14.2	20	220.3	225	220.3	225
			3/4	2.6	13.8	20	219.8	225	219.8	225
			1	3.2	14.4	20	220.5	225	220.5	225
			1 1/2	5.0	16.2	25	222.8	225	222.8	225
			2	6.6	17.8	25	224.8	225	224.8	225
			3	8.6	19.8	25	227.3	250	227.3	250
			5	13.2	25.5	35	233.0	250	233.0	250
			120	1/4	1.4	12.6	20	290.4	300	290.4
		1/3		1.6	12.8	20	290.7	300	290.7	300
		1/2		3.0	14.2	20	292.4	300	292.4	300
3/4	2.6	13.8		20	291.9	300	291.9	300		
1	3.2	14.4		20	292.7	300	292.7	300		
1 1/2	5.0	16.2		25	294.9	300	294.9	300		
2	6.6	17.8		25	296.9	300	296.9	300		
3	8.6	19.8		25	299.4	300	299.4	300		
5	13.2	25.5		35	305.2	350	305.2	350		
E	ZP57K3E	40		1/4	1.4	27.0	45	121.7	200	121.7
			1/3	1.6	27.2	45	121.9	200	121.9	200
			1/2	3.0	28.6	50	123.3	200	123.3	200
			3/4	2.6	28.2	45	122.9	200	122.9	200
			1	3.2	28.8	50	123.5	200	123.5	200
			1 1/2	5.0	30.6	50	125.3	225	125.3	225
			2	6.6	32.2	50	126.9	225	126.9	225
			3	8.6	34.2	50	128.9	225	128.9	225
			5	13.2	38.8	60	133.5	225	133.5	225
			80	1/4	1.4	27.0	45	194.2	200	194.2
		1/3		1.6	27.2	45	194.5	200	194.5	200
		1/2		3.0	28.6	50	196.2	200	196.2	200
		3/4		2.6	28.2	45	195.7	200	195.7	200
		1		3.2	28.8	50	196.5	200	196.5	200
		1 1/2		5.0	30.6	50	198.7	200	198.7	200
		2		6.6	32.2	50	200.7	225	200.7	225
		3		8.6	34.2	50	203.2	225	203.2	225
		5		13.2	38.8	60	209.0	225	209.0	225
		120		1/4	1.4	27.0	45	290.4	300	290.4
			1/3	1.6	27.2	45	290.7	300	290.7	300
			1/2	3.0	28.6	50	292.4	300	292.4	300
			3/4	2.6	28.2	45	291.9	300	291.9	300
			1	3.2	28.8	50	292.7	300	292.7	300
			1 1/2	5.0	30.6	50	294.9	300	294.9	300
			2	6.6	32.2	50	296.9	300	296.9	300
			3	8.6	34.2	50	299.4	300	299.4	300
			5	13.2	38.8	60	305.2	350	305.2	350



MCA & MOP Data
For PREEVA® Electric Units with
Dehumidification Models PEH or REH

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK7 480/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/4	0.75	7.8	15	30.8	50	30.8	50
			1/3	0.8	7.9	15	30.9	50	30.9	50
			1/2	1.5	8.6	15	31.6	50	31.6	50
			3/4	1.3	8.4	15	31.4	50	31.4	50
			1	1.6	8.7	15	31.7	50	31.7	50
			1 1/2	2.8	9.9	15	32.9	50	32.9	50
			2	3.5	10.6	15	33.6	50	33.6	50
		3	4.3	11.4	15	34.4	50	34.4	50	
		5	6.6	13.9	20	36.7	60	36.7	60	
		40	1/4	0.75	7.8	15	60.9	100	60.9	100
			1/3	0.8	7.9	15	60.9	100	60.9	100
			1/2	1.5	8.6	15	61.6	100	61.6	100
			3/4	1.3	8.4	15	61.4	100	61.4	100
			1	1.6	8.7	15	61.7	100	61.7	100
1 1/2	2.8		9.9	15	62.9	100	62.9	100		
2	3.5		10.6	15	63.6	100	63.6	100		
3	4.3	11.4	15	64.4	100	64.4	100			
5	6.6	13.9	20	66.7	100	66.7	100			
B	ZP29K5E	30	1/4	0.75	7.8	15	45.9	80	45.9	80
			1/3	0.8	7.9	15	45.9	80	45.9	80
			1/2	1.5	8.6	15	46.6	80	46.6	80
			3/4	1.3	8.4	15	46.4	80	46.4	80
			1	1.6	8.7	15	46.7	80	46.7	80
			1 1/2	2.8	9.9	15	47.9	80	47.9	80
			2	3.5	10.6	15	48.6	80	48.6	80
		3	4.3	11.4	15	49.4	80	49.4	80	
		5	6.6	13.9	20	51.7	80	51.7	80	
		60	1/4	0.75	7.8	15	73.1	80	73.1	80
			1/3	0.8	7.9	15	73.2	80	73.2	80
			1/2	1.5	8.6	15	74.0	80	74.0	80
			3/4	1.3	8.4	15	73.8	80	73.8	80
			1	1.6	8.7	15	74.2	80	74.2	80
1 1/2	2.8		9.9	15	75.7	80	75.7	80		
2	3.5		10.6	15	76.5	80	76.5	80		
3	4.3	11.4	15	77.5	80	77.5	80			
5	6.6	13.9	20	80.4	90	80.4	90			

PEH, REH Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK7 480/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
D	ZP57K3E	30	1/4	0.75	7.8	15	45.9	80	45.9	80
			1/3	0.8	7.9	15	45.9	80	45.9	80
			1/2	1.5	8.6	15	46.6	80	46.6	80
			3/4	1.3	8.4	15	46.4	80	46.4	80
			1	1.6	8.7	15	46.7	80	46.7	80
			1 1/2	2.8	9.9	15	47.9	80	47.9	80
			2	3.5	10.6	15	48.6	80	48.6	80
		3	4.3	11.4	15	49.4	80	49.4	80	
		5	6.6	13.9	20	51.7	80	51.7	80	
		60	1/4	0.75	7.8	15	73.1	80	73.1	80
			1/3	0.8	7.9	15	73.2	80	73.2	80
			1/2	1.5	8.6	15	74.0	80	74.0	80
			3/4	1.3	8.4	15	73.8	80	73.8	80
			1	1.6	8.7	15	74.2	80	74.2	80
1 1/2	2.8		9.9	15	75.7	80	75.7	80		
2	3.5		10.6	15	76.5	80	76.5	80		
3	4.3	11.4	15	77.5	80	77.5	80			
5	6.6	13.9	20	80.4	90	80.4	90			
E	ZP57K3E	90	1/4	0.75	7.8	15	109.2	125	109.2	125
			1/3	0.8	7.9	15	109.3	125	109.3	125
			1/2	1.5	8.6	15	110.1	125	110.1	125
			3/4	1.3	8.4	15	109.9	125	109.9	125
			1	1.6	8.7	15	110.3	125	110.3	125
			1 1/2	2.8	9.9	15	111.8	125	111.8	125
			2	3.5	10.6	15	112.6	125	112.6	125
		3	4.3	11.4	15	113.6	125	113.6	125	
		5	6.6	13.9	20	116.5	125	116.5	125	
		120	1/4	0.75	7.8	15	145.3	150	145.3	150
			1/3	0.8	7.9	15	145.3	150	145.3	150
			1/2	1.5	8.6	15	146.2	150	146.2	150
			3/4	1.3	8.4	15	146.0	150	146.0	150
			1	1.6	8.7	15	146.3	150	146.3	150
1 1/2	2.8		9.9	15	147.8	150	147.8	150		
2	3.5		10.6	15	148.7	150	148.7	150		
3	4.3	11.4	15	149.7	150	149.7	150			
5	6.6	13.9	20	152.6	175	152.6	175			
E	ZP57K3E	40	1/4	0.75	12.8	20	60.9	100	60.9	100
			1/3	0.8	12.8	20	60.9	100	60.9	100
			1/2	1.5	13.5	20	61.6	100	61.6	100
			3/4	1.3	13.3	20	61.4	100	61.4	100
			1	1.6	13.6	20	61.7	100	61.7	100
			1 1/2	2.8	14.8	25	62.9	100	62.9	100
			2	3.5	15.5	25	63.6	100	63.6	100
		3	4.3	16.3	25	64.4	100	64.4	100	
		5	6.6	18.6	25	66.7	100	66.7	100	
		80	1/4	0.75	12.8	20	97.2	100	97.2	100
			1/3	0.8	12.8	20	97.2	100	97.2	100
			1/2	1.5	13.5	20	98.1	100	98.1	100
			3/4	1.3	13.3	20	97.9	100	97.9	100
			1	1.6	13.6	20	98.2	100	98.2	100
1 1/2	2.8		14.8	25	99.7	100	99.7	100		
2	3.5		15.5	25	100.6	125	100.6	125		
3	4.3	16.3	25	101.6	125	101.6	125			
5	6.6	18.6	25	104.5	125	104.5	125			
120	1/4	0.75	12.8	20	145.3	150	145.3	150		
	1/3	0.8	12.8	20	145.3	150	145.3	150		
	1/2	1.5	13.5	20	146.2	150	146.2	150		
	3/4	1.3	13.3	20	146.0	150	146.0	150		
	1	1.6	13.6	20	146.3	150	146.3	150		
	1 1/2	2.8	14.8	25	147.8	150	147.8	150		
	2	3.5	15.5	25	148.7	150	148.7	150		
3	4.3	16.3	25	149.7	150	149.7	150			
5	6.6	18.6	25	152.6	175	152.6	175			

Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK8 575/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
A	ZP29K5E	20	1/2	0.9	5.6	15	26.0	45	26.0	45
			3/4	1.0	5.7	15	26.1	45	26.1	45
			1	1.1	5.8	15	26.2	45	26.2	45
			1 1/2	1.6	6.3	15	26.7	45	26.7	45
			2	2.1	6.8	15	27.2	45	27.2	45
			3	3.6	8.3	15	28.7	45	28.7	45
			5	5.4	10.5	15	30.5	50	30.5	50
		40	1/2	0.9	5.6	15	51.1	90	51.1	90
			3/4	1.0	5.7	15	51.2	90	51.2	90
			1	1.1	5.8	15	51.3	90	51.3	90
			1 1/2	1.6	6.3	15	51.8	90	51.8	90
			2	2.1	6.8	15	52.3	90	52.3	90
			3	3.6	8.3	15	53.8	90	53.8	90
			5	5.4	10.5	15	55.6	90	55.6	90
B	ZP29K5E	30	1/2	0.9	5.6	15	38.6	60	38.6	60
			3/4	1.0	5.7	15	38.7	60	38.7	60
			1	1.1	5.8	15	38.8	60	38.8	60
			1 1/2	1.6	6.3	15	39.3	70	39.3	70
			2	2.1	6.8	15	39.8	70	39.8	70
			3	3.6	8.3	15	41.3	70	41.3	70
			5	5.4	10.5	15	43.1	70	43.1	70
		60	1/2	0.9	5.6	15	61.4	70	61.4	70
			3/4	1.0	5.7	15	61.5	70	61.5	70
			1	1.1	5.8	15	61.6	70	61.6	70
			1 1/2	1.6	6.3	15	62.2	70	62.2	70
			2	2.1	6.8	15	62.9	70	62.9	70
			3	3.6	8.3	15	64.7	70	64.7	70
			5	5.4	10.5	15	67.0	70	67.0	70

Cabinet Size	Reheat Compressor Model	Electric Heat kW	AK8 575/3/60							
			Blower Motor		Cooling		Heating		MCA	MOP
			HP	FLA	MCA	MOP	MCA	MOP		
D	ZP57K3E	30	1/2	0.9	5.6	15	38.6	60	38.6	60
			3/4	1.0	5.7	15	38.7	60	38.7	60
			1	1.1	5.8	15	38.8	60	38.8	60
			1 1/2	1.6	6.3	15	39.3	70	39.3	70
			2	2.1	6.8	15	39.8	70	39.8	70
			3	3.6	8.3	15	41.3	70	41.3	70
			5	5.4	10.5	15	43.1	70	43.1	70
		60	1/2	0.9	5.6	15	61.4	70	61.4	70
			3/4	1.0	5.7	15	61.5	70	61.5	70
			1	1.1	5.8	15	61.6	70	61.6	70
			1 1/2	1.6	6.3	15	62.2	70	62.2	70
			2	2.1	6.8	15	62.9	70	62.9	70
			3	3.6	8.3	15	64.7	70	64.7	70
			5	5.4	10.5	15	67.0	70	67.0	70
E	ZP57K3E	90	1/2	0.9	5.6	15	91.5	100	91.5	100
			3/4	1.0	5.7	15	91.6	100	91.6	100
			1	1.1	5.8	15	91.7	100	91.7	100
			1 1/2	1.6	6.3	15	92.4	100	92.4	100
			2	2.1	6.8	15	93.0	100	93.0	100
			3	3.6	8.3	15	94.9	100	94.9	100
			5	5.4	10.5	15	97.1	100	97.1	100
		120	1/2	0.9	5.6	15	121.6	125	121.6	125
			3/4	1.0	5.7	15	121.7	125	121.7	125
			1	1.1	5.8	15	121.9	125	121.9	125
			1 1/2	1.6	6.3	15	122.5	125	122.5	125
			2	2.1	6.8	15	123.1	125	123.1	125
			3	3.6	8.3	15	125.0	125	125.0	125
			5	5.4	10.5	15	127.2	150	127.2	150
E	ZP57K3E	40	1/2	0.9	10.4	15	51.1	90	51.1	90
			3/4	1.0	10.5	15	51.2	90	51.2	90
			1	1.1	10.6	15	51.3	90	51.3	90
			1 1/2	1.6	11.1	15	51.8	90	51.8	90
			2	2.1	11.6	20	52.3	90	52.3	90
			3	3.6	13.1	20	53.8	90	53.8	90
			5	5.4	14.9	20	55.6	90	55.6	90
		80	1/2	0.9	10.4	15	81.5	90	81.5	90
			3/4	1.0	10.5	15	81.6	90	81.6	90
			1	1.1	10.6	15	81.7	90	81.7	90
			1 1/2	1.6	11.1	15	82.3	90	82.3	90
			2	2.1	11.6	20	83.0	90	83.0	90
			3	3.6	13.1	20	84.8	90	84.8	90
			5	5.4	14.9	20	87.1	90	87.1	90
120	1/2	0.9	10.4	15	121.6	125	121.6	125		
	3/4	1.0	10.5	15	121.7	125	121.7	125		
	1	1.1	10.6	15	121.9	125	121.9	125		
	1 1/2	1.6	11.1	15	122.5	125	122.5	125		
	2	2.1	11.6	20	123.1	125	123.1	125		
	3	3.6	13.1	20	125.0	125	125.0	125		
	5	5.4	14.9	20	127.2	150	127.2	150		



RPM/BHP CHARTS Models PDH, RDH and SDH

Unit Size	CFM	Temp Rise	Total Static Pressure											
			0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
75	563	100 °F	490/0.06	689/0.11	845/0.18	965/0.25	1090/0.33	1165/0.40	1251/0.50	1351/0.59	1408/0.70	1469/0.76	N/A	N/A
	625	90 °F	487/0.06	682/0.12	833/0.20	962/0.27	1071/0.35	1172/0.45	1250/0.51	1339/0.64	1442/0.74	1500/0.80	1563/0.95	1630/1.04
	703	80 °F	496/0.07	680/0.14	844/0.21	981/0.30	1082/0.39	1172/0.46	1278/0.56	1361/0.68	1454/0.78	1506/0.91	1562/0.98	1622/1.06
	804	70 °F	508/0.09	689/0.16	832/0.24	965/0.33	1096/0.42	1177/0.52	1269/0.62	1378/0.74	1462/0.84	1508/0.95	1608/1.09	1663/1.17
	937	60 °F	521/0.11	694/0.19	839/0.28	969/0.37	1081/0.48	1196/0.58	1278/0.70	1371/0.78	1442/0.92	1519/1.04	1606/1.17	1654/1.32
	1125	50 °F	553/0.15	711/0.24	854/0.34	978/0.45	1089/0.54	1184/0.66	1274/0.79	1378/0.91	1467/1.05	1534/1.16	1607/1.28	1688/1.43
100	1406	40 °F	603/0.24	753/0.35	879/0.45	992/0.58	1096/0.70	1188/0.84	1278/0.98	1361/1.10	1454/1.24	1534/1.41	1592/1.54	1687/1.69
	750	100 °F	500/0.08	682/0.14	833/0.21	978/0.30	1098/0.38	1184/0.47	1286/0.56	1364/0.68	1452/0.76	1500/0.89	1607/1.00	1667/1.12
	833	90 °F	510/0.09	694/0.16	833/0.24	980/0.32	1087/0.41	1190/0.52	1282/0.61	1388/0.70	1470/0.81	1515/0.94	1612/1.04	1666/1.16
	937	80 °F	525/0.11	694/0.18	839/0.27	969/0.35	1081/0.45	1196/0.56	1278/0.65	1371/0.77	1479/0.87	1519/1.00	1606/1.10	1654/1.27
	1071	70 °F	545/0.13	714/0.22	846/0.31	974/0.41	1089/0.51	1190/0.62	1285/0.72	1367/0.83	1460/0.97	1530/1.10	1607/1.19	1691/1.36
	1250	60 °F	573/0.18	728/0.28	862/0.38	987/0.49	1087/0.60	1190/0.71	1271/0.84	1364/0.95	1471/1.10	1531/1.22	1630/1.37	1705/1.48
125	1500	50 °F	621/0.26	769/0.38	891/0.49	1000/0.62	1111/0.74	1200/0.87	1286/1.00	1364/1.12	1452/1.27	1525/1.40	1607/1.54	1667/1.71
	1875	40 °F	694/0.45	827/0.58	945/0.72	1051/0.85	1148/1.00	1236/1.15	1324/1.30	1389/1.48	1480/1.65	1541/1.79	1607/1.95	1679/2.13
	938	100 °F	561/0.09	811/0.19	966/0.28	1113/0.38	1239/0.48	1340/0.58	1459/0.68	1563/0.80	1642/0.91	1728/1.05	1824/1.15	N/A
	1042	90 °F	570/0.11	810/0.21	986/0.32	1122/0.41	1236/0.52	1351/0.64	1459/0.74	1552/0.86	1658/0.97	1737/1.10	1824/1.25	1870/1.37
	1172	80 °F	590/0.13	804/0.23	988/0.36	1124/0.48	1243/0.59	1367/0.71	1465/0.84	1578/0.97	1641/1.09	1746/1.22	1823/1.38	1908/1.50
	1339	70 °F	617/0.17	794/0.27	987/0.41	1143/0.55	1267/0.67	1378/0.80	1488/0.93	1562/1.06	1674/1.21	1736/1.35	1838/1.50	1913/1.68
150	1562	60 °F	663/0.23	816/0.35	976/0.46	1139/0.63	1271/0.79	1402/0.95	1498/1.10	1585/1.27	1682/1.39	1764/1.58	1853/1.74	1918/1.86
	1875	50 °F	733/0.35	869/0.47	994/0.61	1122/0.75	1262/0.93	1396/1.15	1509/1.34	1620/1.52	1705/1.69	1798/1.90	1875/2.07	1930/2.26
	2344	40 °F	850/0.61	965/0.74	1072/0.89	1180/1.07	1282/1.25	1379/1.44	1492/1.63	1609/1.86	1709/2.14	1803/2.36	1908/2.61	1977/2.89
	1125	100 °F	592/0.12	804/0.22	993/0.34	1151/0.46	1282/0.57	1387/0.67	1511/0.80	1607/0.91	1688/1.04	1776/1.16	1841/1.29	N/A
	1250	90 °F	608/0.15	798/0.24	987/0.37	1148/0.50	1293/0.63	1406/0.75	1520/0.89	1607/1.01	1705/1.14	1786/1.25	1875/1.39	1940/1.54
	1406	80 °F	633/0.18	811/0.28	981/0.41	1150/0.56	1291/0.71	1406/0.85	1525/0.99	1622/1.13	1710/1.27	1808/1.43	1889/1.57	1947/1.73
175	1607	70 °F	666/0.24	841/0.36	984/0.47	1130/0.63	1280/0.81	1404/0.97	1522/1.14	1625/1.30	1722/1.48	1808/1.60	1903/1.79	1981/1.96
	1875	60 °F	727/0.34	879/0.47	1010/0.60	1133/0.73	1259/0.90	1395/1.10	1520/1.31	1623/1.50	1722/1.69	1815/1.91	1918/2.06	1985/2.28
	2250	50 °F	823/0.53	938/0.66	1066/0.82	1184/0.99	1282/1.14	1387/1.32	1489/1.50	1607/1.76	1716/1.99	1808/2.26	1910/2.48	N/A
	2812	40 °F	981/0.95	1068/1.10	1161/1.25	1265/1.45	1368/1.67	1454/1.87	1543/2.07	1622/2.26	1699/2.47	1782/2.71	1875/2.99	N/A
	1313	100 °F	492/0.14	646/0.24	788/0.36	927/0.49	1037/0.62	1125/0.76	1212/0.92	1291/1.07	1382/1.20	1432/1.36	1515/1.55	1576/1.72
	1458	90 °F	509/0.17	653/0.27	788/0.40	921/0.54	1029/0.69	1136/0.83	1215/0.99	1306/1.16	1389/1.30	1458/1.50	1508/1.65	1591/1.81
200	1641	80 °F	535/0.21	670/0.32	794/0.46	912/0.60	1026/0.76	1132/0.92	1216/1.10	1313/1.28	1387/1.45	1470/1.62	1538/1.80	1588/1.96
	1875	70 °F	568/0.28	699/0.40	809/0.54	915/0.70	1014/0.87	1114/1.04	1210/1.23	1308/1.40	1389/1.61	1461/1.81	1541/2.01	1607/2.22
	2187	60 °F	619/0.39	737/0.53	841/0.67	937/0.84	1025/1.03	1112/1.21	1204/1.40	1286/1.61	1381/1.83	1458/2.03	1526/2.27	1600/2.49
	2625	50 °F	694/0.61	799/0.77	895/0.94	984/1.11	1064/1.30	1141/1.50	1212/1.72	1291/1.94	1370/2.17	1445/2.43	1514/2.68	1587/2.91
	3281	40 °F	813/1.06	907/1.28	989/1.49	1070/1.68	1145/1.88	1215/2.11	1278/2.35	1339/2.57	1406/2.83	1458/3.13	1526/3.35	1588/3.66
	1500	100 °F	513/0.18	656/0.28	784/0.41	909/0.55	1026/0.72	1121/0.86	1212/1.03	1304/1.20	1379/1.38	1446/1.54	1519/1.74	1579/1.91
225	1667	90 °F	536/0.22	674/0.33	794/0.46	907/0.61	1018/0.78	1121/0.94	1212/1.13	1295/1.31	1375/1.48	1450/1.65	1533/1.84	1588/2.06
	1875	80 °F	568/0.28	694/0.40	806/0.53	915/0.68	1014/0.85	1111/1.04	1210/1.23	1293/1.43	1376/1.61	1456/1.81	1531/2.01	1596/2.22
	2143	70 °F	610/0.37	730/0.51	832/0.65	932/0.80	1020/0.98	1113/1.16	1199/1.37	1289/1.58	1372/1.79	1441/2.05	1517/2.24	1587/2.46
	2500	60 °F	671/0.54	778/0.70	877/0.86	966/1.02	1047/1.19	1130/1.39	1205/1.59	1282/1.80	1361/2.06	1439/2.31	1504/2.56	1575/2.79
	3000	50 °F	759/0.85	857/1.04	945/1.23	1026/1.42	1106/1.61	1176/1.82	1244/2.03	1311/2.24	1379/2.48	1446/2.75	1509/3.01	1569/3.30
	3750	40 °F	904/1.52	987/1.77	1064/2.01	1136/2.22	1205/2.48	1266/2.73	1333/2.97	1389/3.20	1449/3.45	1508/3.73	1563/3.97	1613/4.23
250	1688	100 °F	541/0.22	675/0.34	791/0.46	904/0.61	1020/0.77	1125/0.96	1225/1.15	1310/1.32	1394/1.54	1461/1.71	1535/1.91	N/A
	1875	90 °F	568/0.28	697/0.40	807/0.54	907/0.68	1010/0.85	1110/1.04	1214/1.23	1298/1.43	1383/1.65	1467/1.86	1534/2.06	1607/2.28
	2109	80 °F	606/0.36	727/0.50	833/0.64	926/0.79	1015/0.97	1110/1.15	1201/1.36	1291/1.57	1375/1.78	1460/1.99	1531/2.24	1609/2.46
	2411	70 °F	656/0.49	769/0.65	868/0.80	956/0.97	1038/1.14	1119/1.33	1199/1.53	1276/1.74	1356/2.00	1437/2.21	1517/2.45	1584/2.73
	2812	60 °F	727/0.72	830/0.90	924/1.07	1008/1.25	1086/1.45	1156/1.65	1229/1.87	1298/2.07	1361/2.30	1430/2.57	1498/2.82	1572/3.10
	3375	50 °F	830/1.15	920/1.36	1006/1.58	1085/1.81	1155/2.02	1225/2.23	1287/2.48	1350/2.72	1413/2.94	1467/3.19	1526/3.47	1582/3.71
250	4219	40 °F	994/2.09	1073/2.37	1144/2.62	1213/2.89	1278/3.17	1337/3.43	1396/3.73	1455/4.00	1513/4.23	1563/4.56	1616/4.84	N/A
	1875	100 °F	492/0.24	647/0.38	773/0.53	882/0.71	980/0.89	1071/1.08	1154/1.25	1230/1.47	1304/1.65	1376/1.81	1442/2.01	N/A
	2083	90 °F	513/0.30	656/0.44	782/0.61	891/0.79	986/0.99	1075/1.19	1157/1.39	1234/1.61	1312/1.80	1377/2.01	1449/2.21	1515/2.43
	2344	80 °F	542/0.39	672/0.54	795/0.72	902/0.90	997/1.10	1084/1.33	1165/1.54	1242/1.80	1311/2.03	1379/2.25	1454/2.50	1512/2.74
	2679	70 °F	582/0.53	698/0.70	812/0.89	916/1.08	1011/1.30	1099/1.52	1178/1.76	1253/2.03	1323/2.30	1392/2.53	1458/2.79	1520/3.09
	3125	60 °F	641/0.77	744/0.96	842/1.18	940/1.39	1029/1.62	1116/1.85	1196/2.12	1269/2.37	1337/2.66	1404/2.95	1471/3.22	1524/3.52
250	3750	50 °F	733/1.21	817/1.45	904/1.69	984/1.93	1064/2.20	1145/2.48	1220/2.73	1293/3.02	1364/3.30	1429/3.61	1493/3.91	1546/4.23
	4688	40 °F	882/2.23	945/2.50	1014/2.80	1084/3.11	1150/3.42	1214/3.73	1280/4.02	1344/4.35	1410/4.71	N/A	N/A	N/A
Unit Size	CFM	Temp Rise	Total Static Pressure											
			0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00

* Total adjusted external static pressure should include external static pressure and accessory/option static pressures. "Base unit" internal resistance has been included in these tables. BHP includes drive losses.



RPM/BHP CHARTS (cont'd) Models PDH, RDH and SDH

Unit Size	CFM	Temp Rise	Total Static Pressure											
			0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
300	2250	100 °F	529/0.35	666/0.52	789/0.68	889/0.86	983/1.05	1071/1.25	1154/1.49	1236/1.71	1308/1.94	1380/2.21	1442/2.43	N/A
	2500	90 °F	559/0.44	683/0.62	801/0.81	906/1.00	996/1.20	1078/1.40	1157/1.63	1238/1.88	1309/2.11	1381/2.39	1445/2.66	1515/2.92
	2812	80 °F	597/0.58	710/0.77	820/0.98	922/1.19	1015/1.41	1094/1.63	1167/1.85	1239/2.08	1314/2.36	1385/2.63	1449/2.91	1512/3.22
	3214	70 °F	652/0.80	753/1.01	848/1.24	943/1.48	1037/1.74	1120/1.97	1195/2.22	1260/2.47	1328/2.73	1391/2.98	1454/3.31	1516/3.57
	3750	60 °F	732/1.20	817/1.42	901/1.67	984/1.94	1065/2.22	1147/2.50	1221/2.79	1293/3.09	1359/3.38	1420/3.66	1476/3.92	1531/4.27
	4500	50 °F	851/1.95	916/2.21	989/2.51	1059/2.80	1128/3.11	1197/3.43	1264/3.80	1331/4.12	1398/4.48	1461/4.82	N/A	N/A
	5625	40 °F	1036/3.61	1086/3.96	1139/4.27	1194/4.61	1253/4.99	N/A	N/A	N/A	N/A	N/A	N/A	N/A
350	2625	100 °F	529/0.29	698/0.50	840/0.75	955/0.99	1055/1.24	1154/1.49	1243/1.76	1321/2.01	1400/2.29	1469/2.58	1544/2.89	N/A
	3088	90 °F	561/0.38	712/0.61	852/0.89	969/1.17	1074/1.47	1165/1.76	1248/2.03	1328/2.35	1404/2.63	1479/2.93	1554/3.28	1615/3.58
	3500	80 °F	593/0.49	735/0.74	862/1.02	979/1.33	1085/1.67	1176/2.00	1261/2.31	1340/2.64	1414/2.96	1489/3.30	1556/3.66	1628/4.02
	3917	70 °F	629/0.62	761/0.89	878/1.18	992/1.51	1096/1.87	1191/2.25	1279/2.60	1357/2.97	1431/3.34	1499/3.70	1567/4.06	1632/4.43
	4375	60 °F	669/0.79	794/1.09	904/1.41	1009/1.74	1108/2.10	1203/2.52	1292/2.93	1373/3.34	1446/3.76	1515/4.14	1584/4.56	1643/4.94
	5250	50 °F	753/1.23	864/1.56	963/1.93	1058/2.30	1144/2.69	1228/3.10	1313/3.55	1395/4.02	1469/4.50	N/A	N/A	N/A
	6563	40 °F	885/2.17	981/2.58	1069/2.98	1151/3.43	1230/3.91	1303/4.38	1374/4.88	N/A	N/A	N/A	N/A	N/A
400A	3000	100 °F	552/0.37	706/0.60	848/0.87	964/1.15	1067/1.44	1159/1.73	1244/2.01	1326/2.30	1404/2.62	1481/2.93	1548/3.24	1611/3.60
	3333	90 °F	578/0.45	721/0.69	857/0.97	977/1.28	1075/1.60	1169/1.92	1252/2.23	1333/2.56	1411/2.89	1481/3.23	1550/3.55	1616/3.92
	3750	80 °F	615/0.57	744/0.83	867/1.12	987/1.45	1091/1.80	1181/2.16	1266/2.51	1345/2.87	1422/3.24	1493/3.60	1563/3.97	1622/4.35
	4285	70 °F	663/0.77	783/1.05	893/1.37	999/1.71	1106/2.08	1199/2.49	1284/2.87	1366/3.28	1440/3.70	1510/4.12	1572/4.50	1640/4.94
	5000	60 °F	730/1.11	842/1.43	941/1.77	1034/2.14	1127/2.53	1220/2.95	1307/3.39	1389/3.86	1465/4.34	1533/4.81	N/A	N/A
	6000	50 °F	829/1.75	932/2.13	1021/2.52	1103/2.93	1182/3.35	1260/3.80	1337/4.28	1412/4.77	N/A	N/A	N/A	N/A
	7500	40 °F	984/3.13	1073/3.62	1154/4.11	1230/4.58	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Unit Size	CFM	Temp Rise	Total Static Pressure											
			0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00

* Total adjusted external static pressure should include external static pressure and accessory/option static pressures. "Base unit" internal resistance has been included in these tables. BHP includes drive losses.

NOTE: Blower curves can be found on the Reznor website ReznorHVAC.com.

RPM/BHP CHARTS (cont'd) Models PEH and REH

Cabinet A

TEMP RISE (°F) @ KW			CFM	RPM/BHP @ ESP											
10.0	20.0	40.0		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
75.0			420	NA	681/0.09	822/0.15	931/0.21	1038/0.27	1130/0.34	1194/0.42	1292/0.50	1347/0.57	1407/0.65	1472/0.74	1544/0.86
52.7			600	503/0.05	703/0.11	841/0.18	968/0.26	1059/0.33	1154/0.40	1233/0.50	1324/0.59	1385/0.68	1452/0.79	1525/0.87	1579/0.97
39.5	79.0		800	504/0.07	710/0.15	863/0.23	992/0.31	1091/0.40	1188/0.50	1277/0.59	1348/0.68	1429/0.79	1500/0.92	1558/0.99	1622/1.13
31.6	63.2		1,000	524/0.10	711/0.18	867/0.27	1000/0.38	1111/0.48	1210/0.59	1304/0.70	1376/0.81	1456/0.92	1531/1.04	1596/1.15	1667/1.28
26.3	52.7		1,200	557/0.14	717/0.23	870/0.33	1006/0.44	1118/0.55	1224/0.68	1314/0.81	1406/0.92	1488/1.05	1552/1.21	1622/1.32	1682/1.44
22.6	45.1		1,400	597/0.20	739/0.29	875/0.39	1005/0.51	1123/0.64	1228/0.77	1329/0.92	1419/1.05	1500/1.19	1567/1.35	1641/1.50	1707/1.67
19.7	39.5	79.0	1,600	640/0.26	772/0.36	892/0.47	1008/0.59	1121/0.73	1231/0.87	1326/1.01	1420/1.17	1500/1.34	1579/1.50	1655/1.65	1727/1.82
	35.1	70.2	1,800	685/0.35	808/0.46	918/0.57	1023/0.70	1130/0.84	1233/0.99	1330/1.14	1421/1.31	1508/1.47	1588/1.64	1667/1.82	1731/2.00
	31.6	63.2	2,000	733/0.46	850/0.57	952/0.69	1049/0.82	1145/0.96	1240/1.12	1333/1.28	1422/1.45	1508/1.63	1587/1.83	1667/2.02	1734/2.20
	28.7	57.4	2,200	784/0.58	892/0.71	988/0.83	1082/0.97	1166/1.11	1255/1.28	1341/1.46	1422/1.62	1507/1.80	1587/2.01	1667/2.21	1737/2.39
	26.3	52.7	2,400	835/0.73	938/0.86	1029/0.99	1115/1.14	1200/1.30	1277/1.47	1358/1.64	1434/1.83	1513/2.00	1593/2.21	1667/2.42	1739/2.61
	24.3	48.6	2,600	888/0.91	982/1.05	1071/1.20	1154/1.35	1230/1.49	1309/1.68	1383/1.87	1455/2.05	1529/2.22	1598/2.45	1674/2.67	1741/2.87
	22.6	45.1	2,800	942/1.11	1032/1.27	1117/1.42	1193/1.58	1269/1.74	1342/1.92	1409/2.10	1479/2.29	1550/2.48	1615/2.68	1680/2.91	NA
	21.1	42.1	3,000	998/1.34	1082/1.50	1160/1.68	1236/1.84	1308/2.00	1376/2.20	1442/2.36	1510/2.58	1573/2.78	NA	NA	NA
	19.7	39.5	3,200	1053/1.61	1132/1.78	1209/1.96	1280/2.12	1352/2.29	1416/2.49	1481/2.71	1543/2.91	NA	NA	NA	NA
		37.2	3,400	1109/1.91	1183/2.08	1256/2.27	1325/2.45	1393/2.64	1457/2.83	NA	NA	NA	NA	NA	NA
		35.1	3,600	1166/2.24	1236/2.44	1304/2.62	1371/2.83	NA	NA	NA	NA	NA	NA	NA	NA
		33.3	3,800	1223/2.60	1290/2.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA



RPM/BHP CHARTS (cont'd)
Models PEH and REH

Cabinet B

Table with 16 columns: TEMP RISE (°F) @ KW (15, 30, 60), CFM, and RPM/BHP @ ESP (0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00). Rows include temperature and power values and corresponding CFM and RPM/BHP values.

RPM/BHP CHARTS (cont'd)
Models PEH and REH

Cabinet D

Table with 17 columns: TEMP RISE (°F) @ KW (30, 60, 90, 120), CFM, and RPM/BHP @ ESP (0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00). Rows include temperature and power values and corresponding CFM and RPM/BHP values.



RPM/BHP CHARTS (cont'd) Models PEH and REH

Cabinet E

TEMP RISE (°F) @ KW			CFM	RPM/BHP @ ESP											
				0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
40	80	120	1685	454/0.14	633/0.28	771/0.45	884/0.63	980/0.82	1066/1.01	1149/1.22	1221/1.44	1290/1.67	1352/1.91	1412/2.16	1469/2.41
70.2			1800	456/0.15	635/0.30	771/0.47	885/0.65	985/0.84	1071/1.06	1154/1.27	1227/1.49	1298/1.73	1364/1.97	1421/2.21	1484/2.50
63.2			2000	462/0.17	637/0.33	775/0.51	890/0.70	990/0.90	1079/1.13	1158/1.35	1235/1.58	1304/1.84	1370/2.07	1435/2.34	1493/2.61
57.4			2200	470/0.20	640/0.36	778/0.55	894/0.75	994/0.97	1086/1.20	1166/1.43	1241/1.68	1315/1.94	1381/2.19	1441/2.49	1500/2.76
52.7			2400	480/0.23	643/0.40	779/0.60	896/0.81	997/1.03	1088/1.27	1173/1.51	1250/1.77	1319/2.05	1390/2.33	1452/2.59	1513/2.88
48.6			2600	492/0.26	647/0.44	782/0.64	899/0.87	1000/1.10	1092/1.34	1178/1.61	1254/1.88	1327/2.15	1393/2.42	1455/2.71	1518/3.04
45.1			2800	504/0.30	652/0.48	785/0.69	901/0.93	1002/1.17	1097/1.42	1180/1.69	1257/1.97	1329/2.27	1400/2.54	1463/2.85	1527/3.18
42.1			3000	518/0.34	660/0.53	788/0.75	904/0.99	1007/1.25	1098/1.51	1184/1.78	1261/2.08	1335/2.38	1402/2.67	1471/2.98	1531/3.31
39.5	79.0		3200	532/0.39	669/0.58	792/0.81	906/1.06	1008/1.33	1101/1.59	1185/1.88	1266/2.18	1337/2.48	1408/2.80	1472/3.10	1538/3.46
37.2	74.3		3400	546/0.44	679/0.64	798/0.87	909/1.13	1010/1.40	1104/1.68	1189/1.98	1269/2.30	1342/2.59	1413/2.94	1478/3.25	1541/3.61
35.1	70.2		3600	561/0.50	691/0.71	805/0.94	912/1.21	1013/1.49	1104/1.79	1189/2.08	1271/2.41	1343/2.73	1414/3.05	1479/3.39	1543/3.74
33.3	66.5		3800	577/0.57	703/0.78	813/1.02	918/1.29	1016/1.58	1107/1.89	1192/2.20	1272/2.51	1348/2.86	1418/3.21	1484/3.55	1549/3.91
31.6	63.2		4000	593/0.64	716/0.86	823/1.10	923/1.37	1020/1.67	1109/1.98	1195/2.30	1274/2.66	1348/2.98	1418/3.33	1485/3.71	1550/4.07
30.1	60.2		4200	610/0.72	729/0.94	834/1.19	931/1.47	1024/1.78	1113/2.10	1198/2.43	1275/2.77	1352/3.12	1422/3.48	1489/3.86	1552/4.26
28.7	57.4		4400	627/0.80	743/1.04	845/1.30	940/1.57	1030/1.88	1117/2.21	1200/2.56	1279/2.90	1352/3.26	1422/3.65	1490/4.04	1557/4.40
27.5	54.9		4600	645/0.90	757/1.14	857/1.40	949/1.69	1038/2.00	1122/2.34	1204/2.68	1283/3.03	1356/3.42	1426/3.79	1494/4.17	1558/4.57
26.3	52.7	79.0	4800	664/1.00	772/1.25	871/1.52	960/1.80	1045/2.11	1129/2.47	1208/2.82	1286/3.18	1358/3.58	1429/3.95	1494/4.37	1558/4.78
25.3	50.5	75.8	5000	682/1.11	787/1.36	883/1.64	972/1.93	1055/2.26	1135/2.60	1214/2.96	1289/3.35	1361/3.73	1431/4.14	1497/4.53	1563/4.94
24.3	48.6	72.9	5200	701/1.23	802/1.49	897/1.77	984/2.08	1064/2.39	1142/2.74	1219/3.12	1294/3.49	1364/3.90	1434/4.32	1500/4.72	NA
23.4	46.8	70.2	5400	719/1.36	818/1.62	910/1.91	996/2.22	1076/2.55	1152/2.90	1225/3.27	1298/3.66	1368/4.08	1436/4.50	1503/4.91	NA
22.6	45.1	67.7	5600	739/1.49	835/1.77	925/2.07	1008/2.38	1087/2.72	1162/3.06	1233/3.44	1304/3.84	1373/4.24	1441/4.67	NA	NA
21.8	43.6	65.4	5800	759/1.63	851/1.92	940/2.23	1021/2.55	1098/2.88	1173/3.24	1243/3.62	1312/4.03	1379/4.44	1445/4.88	NA	NA
21.1	42.1	63.2	6000	778/1.79	869/2.08	954/2.40	1036/2.73	1111/3.07	1183/3.44	1252/3.81	1320/4.21	1385/4.63	NA	NA	NA
20.4	40.8	61.1	6200	798/1.96	886/2.26	970/2.58	1048/2.91	1123/3.27	1194/3.62	1262/4.03	1329/4.42	1392/4.85	NA	NA	NA
19.7	39.5	59.2	6400	818/2.13	903/2.44	986/2.77	1063/3.10	1136/3.46	1206/3.85	1273/4.23	1337/4.65	NA	NA	NA	NA
	38.3	57.4	6600	838/2.32	921/2.64	1001/2.97	1077/3.31	1150/3.69	1219/4.06	1284/4.47	1349/4.89	NA	NA	NA	NA
	37.2	55.8	6800	859/2.51	939/2.84	1017/3.18	1092/3.53	1163/3.91	1232/4.29	1296/4.70	NA	NA	NA	NA	NA
	36.1	54.2	7000	879/2.72	958/3.05	1033/3.40	1108/3.77	1177/4.15	1244/4.55	1308/4.95	NA	NA	NA	NA	NA
	35.1	52.7	7200	900/2.94	976/3.29	1051/3.65	1123/4.02	1192/4.39	1257/4.79	NA	NA	NA	NA	NA	NA
	34.2	51.2	7400	921/3.17	996/3.52	1068/3.88	1138/4.27	1207/4.67	NA	NA	NA	NA	NA	NA	NA
	33.3	49.9	7600	941/3.42	1014/3.78	1086/4.14	1154/4.54	1221/4.93	NA	NA	NA	NA	NA	NA	NA
	32.4	48.6	7800	963/3.68	1034/4.04	1103/4.44	1170/4.83	NA	NA	NA	NA	NA	NA	NA	NA
	31.6	47.4	8000	984/3.95	1053/4.32	1120/4.72	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30.8	46.2	8200	1005/4.24	1072/4.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30.1	45.1	8400	1026/4.53	1092/4.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

RPM/BHP CHARTS (cont'd) Models PXH and RXH

Size 000A

CFM	Total Static Pressure											
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
600	484/0.06	■	■	■	■	■	■	■	■	■	■	■
800	467/0.08	686/0.16	851/0.25	■	■	■	■	■	■	■	■	■
1000	473/0.10	670/0.19	838/0.30	980/0.41	1095/0.53	■	■	■	■	■	■	■
1200	488/0.14	662/0.23	822/0.34	968/0.47	1091/0.60	1200/0.74	1295/0.90	■	■	■	■	■
1400	506/0.18	667/0.28	811/0.40	946/0.53	1077/0.68	1186/0.83	1296/1.00	1391/1.15	1469/1.33	1556/1.50	■	■
1600	527/0.24	682/0.35	811/0.47	934/0.61	1057/0.76	1171/0.92	1277/1.09	1371/1.29	1463/1.47	1548/1.64	1633/1.84	1702/2.03
1800	552/0.31	698/0.43	823/0.56	938/0.70	1047/0.86	1154/1.03	1256/1.21	1357/1.38	1452/1.59	1534/1.79	1617/2.00	1698/2.18
2000	581/0.40	718/0.53	838/0.66	946/0.81	1045/0.97	1145/1.14	1240/1.32	1339/1.52	1429/1.73	1515/1.93	1604/2.13	1676/2.36
2200	613/0.50	738/0.64	855/0.79	959/0.94	1054/1.10	1146/1.27	1236/1.47	1325/1.67	1410/1.88	1500/2.10	1579/2.34	1658/2.57
2400	647/0.62	763/0.78	874/0.93	976/1.09	1068/1.25	1154/1.44	1237/1.63	1324/1.84	1401/2.06	1481/2.28	1565/2.49	1644/2.72
2600	683/0.75	789/0.93	894/1.10	992/1.27	1083/1.45	1168/1.61	1246/1.81	1327/2.04	1403/2.23	1477/2.46	1554/2.71	1625/2.95
2800	720/0.91	817/1.10	917/1.30	1012/1.47	1099/1.65	1183/1.83	1261/2.04	1333/2.26	1409/2.47	1479/2.71	1550/2.93	■
3000	759/1.08	849/1.29	941/1.50	1032/1.69	1119/1.90	1200/2.08	1275/2.28	1347/2.51	1420/2.74	1485/2.95	■	■
3200	799/1.29	882/1.52	968/1.74	1055/1.93	1137/2.16	1218/2.36	1290/2.55	1364/2.77	■	■	■	■
3400	839/1.51	916/1.76	998/1.99	1078/2.21	1159/2.44	1235/2.66	1308/2.87	■	■	■	■	■
3600	879/1.76	952/2.02	1029/2.26	1104/2.50	1182/2.75	1256/3.00	■	■	■	■	■	■
3800	921/2.05	990/2.32	1059/2.57	1133/2.84	■	■	■	■	■	■	■	■
4000	963/2.34	1027/2.62	1093/2.93	■	■	■	■	■	■	■	■	■



RPM/BHP CHARTS (cont'd) Models PXH and RXH

Size 000B

CFM	Total Static Pressure											
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
400	536/0.04	759/0.11	■	■	■	■	■	■	■	■	■	■
600	523/0.06	756/0.13	928/0.22	1071/0.31	1200/0.42	1304/0.53	■	■	■	■	■	■
800	513/0.07	741/0.15	923/0.25	1071/0.36	1200/0.47	1304/0.60	1412/0.74	1519/0.87	1600/1.00	1690/1.16	1765/1.29	■
1000	508/0.09	732/0.17	909/0.28	1056/0.40	1190/0.52	1304/0.66	1415/0.81	1515/0.95	1613/1.10	1685/1.27	1765/1.44	1852/1.59
1200	513/0.11	720/0.21	896/0.32	1047/0.45	1176/0.58	1295/0.72	1406/0.88	1513/1.04	1607/1.20	1682/1.36	1765/1.56	1856/1.74
1400	521/0.14	719/0.24	886/0.36	1034/0.50	1167/0.64	1288/0.79	1400/0.96	1500/1.13	1591/1.31	1680/1.46	1765/1.65	1842/1.86
1600	533/0.18	723/0.29	879/0.41	1026/0.55	1154/0.71	1277/0.86	1387/1.04	1481/1.20	1579/1.40	1667/1.58	1752/1.79	1846/2.00
1800	554/0.23	728/0.35	879/0.48	1019/0.62	1144/0.78	1262/0.94	1371/1.12	1475/1.31	1570/1.50	1656/1.71	1742/1.92	1824/2.12
2000	580/0.29	737/0.41	885/0.55	1017/0.70	1136/0.87	1250/1.04	1357/1.22	1463/1.40	1554/1.62	1648/1.82	1734/2.02	1818/2.26
2200	611/0.37	750/0.49	892/0.63	1019/0.79	1134/0.96	1245/1.14	1352/1.32	1454/1.53	1549/1.72	1634/1.95	1719/2.15	1803/2.38
2400	645/0.45	768/0.58	900/0.73	1026/0.89	1139/1.07	1246/1.26	1343/1.46	1440/1.65	1538/1.87	1622/2.07	1714/2.31	1791/2.54
2600	682/0.55	789/0.69	911/0.84	1032/1.01	1144/1.20	1246/1.38	1345/1.58	1439/1.80	1529/2.01	1618/2.25	1703/2.48	1781/2.72
2800	719/0.66	817/0.80	927/0.97	1042/1.14	1151/1.34	1250/1.53	1346/1.75	1438/1.95	1522/2.19	1609/2.41	1694/2.65	1772/2.89
3000	759/0.80	846/0.94	945/1.11	1051/1.29	1157/1.49	1257/1.70	1351/1.91	1438/2.15	1525/2.37	1607/2.59	1685/2.84	■
3200	799/0.95	879/1.10	970/1.27	1067/1.46	1168/1.66	1266/1.87	1356/2.09	1446/2.32	1529/2.58	1605/2.81	■	■
3400	839/1.12	914/1.28	996/1.45	1085/1.65	1181/1.86	1275/2.08	1364/2.29	1449/2.53	1532/2.78	■	■	■
3600	881/1.31	949/1.48	1025/1.66	1109/1.84	1195/2.07	1286/2.30	1371/2.52	1456/2.78	■	■	■	■
3800	922/1.51	988/1.69	1058/1.88	1133/2.09	1215/2.30	1298/2.54	1383/2.76	■	■	■	■	■
4000	965/1.75	1026/1.94	1091/2.12	1161/2.34	1235/2.55	1316/2.79	■	■	■	■	■	■
4200	1006/2.00	1064/2.20	1125/2.41	1191/2.61	1260/2.84	■	■	■	■	■	■	■
4400	1049/2.28	1104/2.49	1162/2.69	1222/2.92	■	■	■	■	■	■	■	■

Size 000C

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
600	427/0.05	622/0.12	■	■	■	■	■	■	■	■	■	■	■	■
800	416/0.06	610/0.15	760/0.24	■	■	■	■	■	■	■	■	■	■	■
1000	410/0.08	593/0.17	743/0.27	873/0.39	982/0.51	■	■	■	■	■	■	■	■	■
1200	409/0.10	585/0.19	729/0.30	854/0.42	969/0.56	1073/0.70	1163/0.85	1243/1.00	■	■	■	■	■	■
1400	413/0.13	579/0.23	717/0.34	841/0.47	951/0.61	1056/0.76	1149/0.92	1237/1.09	1314/1.26	1393/1.44	1460/1.62	■	■	■
1600	420/0.16	579/0.27	713/0.39	831/0.52	938/0.67	1035/0.82	1133/0.99	1220/1.16	1306/1.35	1381/1.53	1456/1.73	1521/1.92	1581/2.15	1646/2.36
1800	429/0.20	580/0.32	709/0.44	824/0.58	928/0.73	1024/0.89	1117/1.06	1201/1.25	1281/1.43	1365/1.62	1438/1.85	1510/2.04	1572/2.26	1638/2.46
2000	441/0.25	585/0.38	708/0.51	820/0.65	921/0.80	1014/0.97	1104/1.14	1187/1.34	1267/1.52	1346/1.74	1416/1.96	1487/2.15	1556/2.40	1623/2.64
2200	455/0.31	592/0.44	710/0.58	817/0.73	917/0.89	1010/1.05	1093/1.24	1175/1.43	1256/1.63	1326/1.84	1399/2.06	1468/2.28	1536/2.52	1603/2.76
2400	473/0.38	600/0.51	715/0.67	819/0.83	914/0.99	1003/1.16	1088/1.35	1170/1.54	1247/1.75	1320/1.96	1386/2.18	1459/2.43	1520/2.68	1587/2.91
2600	493/0.46	611/0.59	721/0.76	821/0.93	914/1.10	1001/1.28	1084/1.48	1161/1.67	1239/1.88	1310/2.10	1379/2.32	1446/2.57	1507/2.81	1574/3.04
2800	516/0.55	622/0.70	729/0.86	825/1.04	915/1.23	1000/1.42	1083/1.61	1158/1.82	1232/2.01	1305/2.23	1369/2.48	1434/2.70	1501/2.94	1563/3.21
3000	541/0.66	636/0.81	738/0.97	832/1.17	921/1.36	1003/1.56	1082/1.77	1157/1.98	1230/2.18	1298/2.41	1364/2.64	1429/2.89	1491/3.14	1553/3.37
3200	568/0.78	651/0.94	748/1.11	839/1.30	925/1.51	1007/1.72	1082/1.94	1157/2.14	1225/2.38	1294/2.59	1361/2.82	1425/3.08	1487/3.33	1544/3.61
3400	595/0.91	669/1.07	760/1.25	849/1.46	933/1.67	1010/1.88	1086/2.11	1157/2.35	1227/2.57	1292/2.82	1357/3.07	1421/3.30	1479/3.56	1542/3.79
3600	623/1.06	689/1.23	773/1.42	859/1.62	939/1.83	1017/2.06	1089/2.30	1159/2.56	1228/2.79	1292/3.02	1354/3.27	1418/3.55	1476/3.77	1535/4.07
3800	652/1.23	711/1.40	789/1.59	869/1.80	949/2.03	1024/2.26	1097/2.52	1164/2.77	1229/3.01	1293/3.28	1355/3.51	1415/3.80	1474/4.08	1533/4.33
4000	680/1.41	735/1.60	805/1.80	883/2.01	959/2.22	1033/2.49	1103/2.74	1170/3.00	1235/3.26	1296/3.51	1358/3.79	1416/4.05	1475/4.33	1531/4.59
4200	710/1.62	759/1.82	823/2.01	896/2.23	970/2.46	1042/2.70	1110/2.96	1176/3.24	1238/3.51	1300/3.81	1358/4.06	1416/4.34	1473/4.63	1530/4.90
4400	738/1.85	786/2.04	842/2.25	911/2.47	982/2.70	1051/2.96	1119/3.22	1183/3.51	1246/3.80	1305/4.08	1364/4.38	1420/4.67	1477/4.93	■
4600	769/2.08	812/2.29	864/2.51	928/2.73	995/2.98	1062/3.23	1128/3.51	1192/3.78	1253/4.09	1312/4.38	1370/4.66	■	■	■
4800	798/2.35	840/2.56	887/2.78	945/3.02	1010/3.27	1075/3.54	1138/3.81	1200/4.10	1259/4.38	1319/4.69	■	■	■	■
5000	828/2.63	868/2.87	912/3.09	964/3.33	1025/3.57	1087/3.86	1149/4.11	1210/4.42	1269/4.72	■	■	■	■	■
5200	857/2.96	896/3.18	938/3.42	985/3.66	1042/3.91	1102/4.19	1161/4.46	1221/4.75	■	■	■	■	■	■
5400	887/3.29	925/3.53	963/3.77	1008/4.03	1060/4.31	1116/4.57	1174/4.86	■	■	■	■	■	■	■
5600	918/3.64	954/3.91	991/4.14	1032/4.42	1080/4.68	1132/4.97	■	■	■	■	■	■	■	■



RPM/BHP CHARTS (cont'd)

Models PXH and RXH

Size 000D

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
1000	412/0.07	599/0.16	735/0.25	■	■	■	■	■	■	■	■	■	■	■
1200	407/0.09	591/0.18	732/0.28	851/0.39	952/0.51	■	■	■	■	■	■	■	■	■
1400	407/0.11	583/0.21	725/0.32	848/0.44	952/0.56	1037/0.69	■	■	■	■	■	■	■	■
1600	411/0.14	576/0.24	717/0.36	838/0.49	947/0.62	1039/0.76	1127/0.92	1203/1.07	■	■	■	■	■	■
1800	418/0.17	575/0.28	709/0.41	829/0.54	938/0.68	1034/0.84	1118/0.99	1200/1.16	1277/1.33	1343/1.50	1406/1.68	■	■	■
2000	423/0.21	576/0.33	704/0.46	823/0.60	930/0.75	1026/0.91	1117/1.08	1198/1.26	1274/1.42	1342/1.62	1408/1.79	1471/1.99	1527/2.18	■
2200	430/0.25	580/0.38	703/0.52	815/0.67	921/0.83	1019/1.00	1106/1.17	1189/1.34	1264/1.53	1341/1.72	1410/1.92	1467/2.12	1528/2.34	1594/2.56
2400	439/0.29	587/0.44	706/0.58	814/0.75	913/0.91	1008/1.07	1101/1.26	1182/1.46	1257/1.65	1333/1.84	1404/2.04	1463/2.27	1529/2.46	1589/2.71
2600	452/0.35	592/0.50	708/0.66	813/0.83	909/1.00	1004/1.17	1092/1.37	1171/1.56	1250/1.76	1327/1.98	1398/2.18	1461/2.41	1520/2.64	1585/2.84
2800	471/0.41	598/0.57	714/0.74	814/0.92	909/1.10	996/1.28	1081/1.48	1167/1.69	1244/1.88	1315/2.11	1386/2.31	1451/2.54	1514/2.76	1582/3.01
3000	492/0.48	604/0.65	719/0.83	817/1.02	909/1.21	993/1.40	1079/1.61	1158/1.82	1235/2.02	1310/2.26	1376/2.46	1442/2.70	1508/2.96	1571/3.17
3200	514/0.55	611/0.74	726/0.93	823/1.12	912/1.32	994/1.53	1074/1.73	1151/1.95	1226/2.19	1301/2.40	1368/2.64	1435/2.88	1502/3.11	1561/3.36
3400	536/0.64	620/0.83	731/1.04	829/1.24	916/1.45	997/1.66	1076/1.88	1149/2.10	1223/2.34	1293/2.56	1360/2.81	1429/3.06	1491/3.33	1553/3.59
3600	557/0.73	634/0.94	738/1.15	835/1.36	921/1.59	1000/1.81	1075/2.03	1150/2.27	1220/2.52	1286/2.75	1353/3.01	1417/3.26	1481/3.50	1545/3.76
3800	578/0.84	651/1.05	744/1.28	841/1.50	927/1.74	1005/1.97	1080/2.21	1152/2.44	1218/2.70	1284/2.94	1352/3.20	1413/3.46	1479/3.75	1538/4.02
4000	600/0.95	670/1.18	752/1.41	846/1.65	932/1.89	1010/2.14	1084/2.39	1153/2.63	1220/2.90	1286/3.15	1347/3.42	1408/3.69	1471/3.95	1533/4.22
4200	620/1.08	692/1.32	762/1.56	852/1.81	940/2.06	1017/2.30	1088/2.57	1157/2.82	1221/3.10	1284/3.36	1346/3.65	1409/3.92	1469/4.18	1527/4.47
4400	641/1.22	713/1.46	775/1.72	859/1.97	944/2.25	1023/2.51	1095/2.77	1161/3.03	1226/3.30	1287/3.60	1350/3.86	1406/4.15	1467/4.46	1522/4.76
4600	663/1.36	735/1.62	792/1.90	868/2.16	950/2.42	1029/2.70	1100/2.97	1168/3.25	1230/3.53	1292/3.85	1349/4.12	1407/4.41	1465/4.74	■
4800	684/1.53	757/1.80	811/2.07	878/2.34	956/2.64	1034/2.92	1106/3.20	1174/3.50	1234/3.80	1294/4.09	1352/4.37	1412/4.68	■	■
5000	705/1.70	779/1.98	832/2.27	890/2.57	963/2.84	1040/3.14	1113/3.44	1179/3.75	1241/4.06	1299/4.37	1359/4.66	1412/4.99	■	■
5200	727/1.89	800/2.18	852/2.48	904/2.78	972/3.07	1046/3.39	1118/3.71	1185/4.00	1247/4.33	1307/4.65	1361/4.96	■	■	■
5400	749/2.09	821/2.39	875/2.70	922/3.02	982/3.34	1053/3.64	1123/3.95	1189/4.30	1253/4.60	1311/4.94	■	■	■	■
5600	770/2.31	842/2.63	896/2.95	943/3.27	995/3.58	1061/3.93	1129/4.26	1197/4.59	1258/4.92	■	■	■	■	■
5800	792/2.54	863/2.86	919/3.21	963/3.52	1010/3.86	1070/4.20	1135/4.55	1201/4.89	■	■	■	■	■	■
6000	815/2.79	884/3.13	940/3.47	984/3.82	1027/4.17	1081/4.51	1143/4.88	■	■	■	■	■	■	■
6200	837/3.06	905/3.40	961/3.75	1006/4.12	1047/4.47	1093/4.82	■	■	■	■	■	■	■	■
6400	859/3.34	926/3.69	983/4.07	1029/4.43	1068/4.81	■	■	■	■	■	■	■	■	■
6600	882/3.64	947/4.00	1005/4.37	1049/4.76	■	■	■	■	■	■	■	■	■	■
6800	904/3.95	969/4.34	1026/4.71	■	■	■	■	■	■	■	■	■	■	■
7000	927/4.28	990/4.67	■	■	■	■	■	■	■	■	■	■	■	■

Size 000E

CFM	Total Static Pressure													
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
1400	421/0.12	621/0.28	■	■	■	■	■	■	■	■	■	■	■	■
1600	415/0.13	612/0.30	764/0.49	■	■	■	■	■	■	■	■	■	■	■
1800	411/0.14	603/0.32	758/0.52	882/0.74	■	■	■	■	■	■	■	■	■	■
2000	409/0.16	595/0.33	748/0.55	877/0.79	987/1.04	■	■	■	■	■	■	■	■	■
2200	409/0.18	588/0.36	738/0.58	871/0.83	982/1.09	1082/1.37	■	■	■	■	■	■	■	■
2400	410/0.20	583/0.38	730/0.61	859/0.87	976/1.15	1078/1.43	1165/1.73	■	■	■	■	■	■	■
2600	411/0.22	580/0.41	724/0.64	850/0.90	965/1.20	1068/1.50	1164/1.81	1246/2.15	1322/2.46	■	■	■	■	■
2800	414/0.25	579/0.44	718/0.67	842/0.95	957/1.24	1061/1.56	1157/1.90	1243/2.23	1321/2.56	1395/2.93	■	■	■	■
3000	417/0.28	578/0.48	714/0.71	835/0.98	947/1.29	1051/1.61	1145/1.96	1236/2.31	1316/2.66	1393/3.05	1461/3.41	1531/3.78	■	■
3200	420/0.32	578/0.52	711/0.75	830/1.03	939/1.34	1041/1.67	1137/2.02	1224/2.38	1308/2.77	1387/3.13	1459/3.55	1529/3.96	1589/4.33	■
3400	424/0.36	580/0.56	709/0.80	825/1.08	932/1.39	1032/1.72	1126/2.09	1217/2.47	1301/2.85	1378/3.26	1453/3.64	1522/4.08	1589/4.49	1650/4.91
3600	429/0.40	581/0.61	708/0.85	822/1.13	928/1.44	1025/1.78	1118/2.14	1205/2.53	1289/2.93	1371/3.36	1444/3.76	1517/4.19	1584/4.64	■
3800	434/0.45	583/0.67	708/0.92	820/1.19	922/1.51	1020/1.84	1111/2.22	1197/2.60	1281/3.02	1360/3.44	1436/3.88	1508/4.30	1575/4.79	■
4000	440/0.50	585/0.73	708/0.98	819/1.26	919/1.57	1015/1.92	1105/2.28	1190/2.67	1271/3.11	1348/3.52	1425/3.98	1496/4.44	1567/4.87	■
4200	446/0.56	589/0.79	709/1.05	818/1.33	917/1.65	1010/1.99	1099/2.37	1182/2.76	1263/3.19	1340/3.63	1416/4.08	1486/4.53	1556/5.00	■
4400	455/0.62	592/0.86	711/1.12	818/1.41	915/1.73	1008/2.07	1095/2.45	1176/2.84	1257/3.27	1333/3.73	1407/4.17	1477/4.65	■	■
4600	463/0.68	596/0.93	714/1.20	819/1.50	914/1.81	1004/2.17	1090/2.55	1171/2.94	1250/3.37	1324/3.82	1400/4.29	1468/4.77	■	■
4800	473/0.76	600/1.01	716/1.29	819/1.59	914/1.91	1003/2.27	1088/2.64	1167/3.03	1246/3.46	1319/3.91	1390/4.38	1460/4.88	■	■
5000	483/0.84	604/1.10	718/1.38	821/1.69	915/2.02	1001/2.37	1085/2.75	1165/3.15	1240/3.57	1313/4.02	1384/4.49	1453/4.98	■	■
5200	494/0.92	609/1.19	722/1.48	823/1.79	915/2.12	1001/2.49	1083/2.87	1161/3.27	1236/3.71	1309/4.16	1378/4.62	■	■	■
5400	506/1.00	614/1.29	725/1.59	825/1.90	916/2.24	1001/2.60	1081/2.99	1159/3.40	1233/3.81	1304/4.26	1373/4.76	■	■	■
5600	518/1.10	620/1.39	729/1.69	828/2.02	918/2.36	1002/2.72	1081/3.12	1157/3.52	1230/3.96	1300/4.42	1370/4.88	■	■	■
5800	530/1.20	627/1.50	733/1.81	830/2.15	920/2.49	1002/2.86	1082/3.26	1157/3.66	1229/4.11	1299/4.54	■	■	■	■
6000	543/1.31	634/1.61	737/1.93	833/2.27	921/2.63	1004/3.00	1082/3.41	1157/3.82	1228/4.25	1297/4.72	■	■	■	■
6200	556/1.42	642/1.73	742/2.06	837/2.41	924/2.77	1005/3.16	1083/3.55	1157/3.98	1227/4.42	1295/4.86	■	■	■	■
6400	569/1.54	650/1.87	747/2.21	841/2.55	927/2.93	1007/3.31	1084/3.72	1157/4.16	1226/4.58	■	■	■	■	■
6600	583/1.67	660/2.00	752/2.35	845/2.71	930/3.09	1010/3.48	1086/3.89	1158/4.31	1227/4.77	■	■	■	■	■
6800	596/1.80	669/2.15	758/2.50	849/2.88	933/3.26	1013/3.66	1087/4.08	1159/4.51	1227/4.96	■	■	■	■	■
7000	610/1.95	680/2.30	764/2.67	853/3.04	937/3.44	1015/3.83	1089/4.27	1160/4.69	■	■	■	■	■	■
7200	624/2.10	691/2.46	771/2.84	858/3.22	941/3.62	1018/4.03	1092/4.45	1161/4.92	■	■	■	■	■	■
7400	638/2.26	702/2.63	778/3.01	862/3.40	945/3.82	1021/4.22	1095/4.67	■	■	■	■	■	■	■
7600	652/2.43	713/2.81	786/3.19	868/3.60	948/4.02	1025/4.44	1097/4.88	■	■	■	■	■	■	■
7800	667/2.61	725/2.99	795/3.39	873/3.81	953/4.23	1029/4.67	■	■	■	■	■	■	■	■
8000	681/2.79	738/3.19	804/3.60	879/4.02	958/4.44	1033/4.89	■	■	■	■	■	■	■	■
8200	695/2.98	750/3.39	813/3.81	886/4.23	962/4.67	■	■	■	■	■	■	■	■	■
8400	710/3.18	762/3.60	824/4.03	893/4.47	968/4.91	■	■	■	■	■	■	■	■	■

Model SHH130C

TEMP RISE (°F)	CFM	RPM/BHP @ ESP										
		0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
75.0	1488	510/0.17	612/0.24	711/0.32	803/0.39	890/0.45	971/0.50	1049/0.56	1128/0.60	1195/0.60	1262/0.60	1330/0.60
69.7	1600	548/0.21	642/0.28	737/0.37	822/0.45	906/0.52	984/0.58	1058/0.64	1133/0.71	1201/0.75	1271/0.75	1335/0.75
62.0	1800	617/0.29	700/0.38	783/0.47	866/0.57	941/0.65	1016/0.73	1085/0.80	1155/0.87	1217/0.94	1287/1.02	1345/1.06
55.8	2000	685/0.40	760/0.50	836/0.60	910/0.71	981/0.81	1050/0.90	1116/0.99	1182/1.06	1241/1.14	1305/1.22	1365/1.30
50.7	2200	754/0.54	821/0.63	890/0.75	960/0.86	1025/0.98	1090/1.10	1151/1.20	1214/1.29	1270/1.38	1326/1.47	1382/1.55
46.5	2400	822/0.70	885/0.80	948/0.92	1012/1.05	1072/1.18	1133/1.31	1193/1.43	1251/1.54	1305/1.64	1360/1.74	1413/1.83
42.9	2600	891/0.89	949/1.01	1006/1.12	1066/1.26	1121/1.40	1179/1.55	1235/1.68	1288/1.81	1341/1.92	1394/2.04	1446/2.15
39.9	2800	959/1.11	1013/1.23	1067/1.36	1121/1.50	1174/1.66	1229/1.81	1281/1.97	1334/2.10	1382/2.24	1430/2.38	1480/2.50
37.2	3000	1028/1.36	1080/1.50	1128/1.63	1179/1.79	1230/1.94	1279/2.10	1328/2.27	1377/2.42	1425/2.58	1472/2.73	1521/2.87
34.9	3200	1096/1.66	1143/1.79	1192/1.93	1238/2.10	1284/2.26	1330/2.44	1380/2.61	1425/2.78	1473/2.97	1515/3.11	1559/3.29
32.8	3400	1165/1.99	1209/2.13	1254/2.28	1298/2.43	1343/2.62	1387/2.80	1429/2.98	1475/3.16	1519/3.37	1561/3.52	1605/3.73
31.0	3600	1233/2.36	1277/2.51	1318/2.67	1357/2.84	1400/3.01	1445/3.19	1484/3.38	1526/3.59	1566/3.79	1608/4.00	1652/4.18
30.0	3720	1275/2.60	1317/2.77	1355/2.92	1396/3.09	1435/3.27	1477/3.46	1517/3.67	1560/3.86	1600/4.07	1637/4.29	1677/4.49

Model SHH180C

TEMP RISE (°F)	CFM	RPM/BHP @ ESP										
		0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
75.0	1966	633/0.34	706/0.42	781/0.51	855/0.61	931/0.72	1004/0.82	1069/0.91	1139/1.00	1205/1.08	1267/1.16	1330/1.25
73.7	2000	644/0.35	715/0.44	788/0.53	863/0.63	935/0.74	1007/0.84	1076/0.94	1142/1.03	1206/1.12	1267/1.19	1329/1.29
67.0	2200	708/0.47	773/0.56	838/0.66	907/0.77	974/0.89	1042/1.01	1104/1.12	1167/1.22	1228/1.31	1285/1.41	1343/1.50
61.4	2400	773/0.61	832/0.71	892/0.82	953/0.93	1015/1.06	1078/1.18	1136/1.31	1197/1.43	1251/1.54	1310/1.65	1367/1.76
56.7	2600	837/0.78	893/0.88	947/1.00	1003/1.12	1060/1.24	1118/1.39	1175/1.52	1231/1.67	1284/1.80	1341/1.92	1389/2.04
52.7	2800	902/0.97	953/1.08	1003/1.21	1056/1.33	1109/1.46	1161/1.61	1215/1.77	1266/1.92	1317/2.06	1369/2.20	1420/2.33
49.2	3000	966/1.19	1014/1.31	1062/1.44	1109/1.57	1157/1.71	1207/1.86	1258/2.03	1305/2.19	1356/2.36	1403/2.51	1453/2.66
46.1	3200	1030/1.45	1074/1.58	1119/1.72	1163/1.84	1210/2.00	1254/2.15	1302/2.32	1349/2.48	1396/2.66	1442/2.83	1487/2.99
43.4	3400	1095/1.74	1136/1.88	1178/2.02	1221/2.16	1263/2.32	1305/2.47	1350/2.64	1394/2.83	1437/3.00	1479/3.19	1523/3.37
41.0	3600	1159/2.06	1201/2.22	1239/2.36	1277/2.51	1318/2.67	1357/2.84	1400/3.01	1441/3.19	1480/3.38	1522/3.56	1566/3.76
38.8	3800	1224/2.43	1262/2.59	1299/2.73	1336/2.90	1374/3.06	1412/3.24	1451/3.40	1489/3.60	1529/3.78	1567/3.98	1607/4.19
36.9	4000	1288/2.83	1325/3.00	1361/3.16	1396/3.33	1429/3.49	1468/3.66	1501/3.84	1539/4.03	1576/4.23	1614/4.45	1649/4.64
35.1	4200	1353/3.28	1388/3.45	1420/3.63	1456/3.80	1487/3.98	1522/4.17	1556/4.34	1592/4.55	1625/4.74	1663/4.94	NA
33.5	4400	1417/3.77	1451/3.97	1484/4.15	1514/4.30	1546/4.51	1580/4.68	1611/4.87	NA	NA	NA	NA
32.1	4600	1481/4.31	1514/4.50	1544/4.70	1576/4.88	NA	NA	NA	NA	NA	NA	NA
31.0	4757	1532/4.76	1562/4.97	NA	NA	NA	NA	NA	NA	NA	NA	NA

Model SHH260D

TEMP RISE (°F)	CFM	RPM/BHP @ ESP										
		0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
75.0	2920	784/0.77	849/0.89	911/1.01	972/1.14	1031/1.26	1091/1.40	1149/1.56	1207/1.74	1263/1.92	1316/2.10	1369/2.26
73.0	3000	805/0.83	868/0.96	928/1.08	987/1.21	1046/1.35	1103/1.48	1161/1.62	1218/1.80	1270/2.00	1326/2.18	1378/2.36
68.5	3200	859/1.01	919/1.14	975/1.28	1031/1.41	1086/1.55	1141/1.70	1196/1.85	1249/2.00	1300/2.19	1351/2.40	1401/2.60
64.4	3400	912/1.21	968/1.35	1022/1.49	1075/1.65	1126/1.78	1179/1.93	1231/2.08	1281/2.25	1331/2.42	1381/2.63	1426/2.86
60.9	3600	966/1.44	1019/1.59	1071/1.73	1121/1.89	1170/2.04	1218/2.19	1267/2.36	1314/2.51	1363/2.70	1409/2.90	1458/3.09
57.7	3800	1020/1.69	1071/1.84	1118/2.01	1167/2.17	1213/2.33	1259/2.49	1305/2.66	1351/2.82	1397/3.00	1443/3.20	1487/3.38
54.8	4000	1073/1.98	1123/2.14	1167/2.30	1213/2.48	1256/2.64	1303/2.82	1347/2.99	1391/3.17	1433/3.34	1475/3.53	1519/3.73
52.2	4200	1127/2.29	1174/2.46	1218/2.63	1260/2.81	1305/2.99	1346/3.17	1388/3.36	1428/3.53	1471/3.72	1513/3.90	1553/4.08
49.8	4400	1181/2.63	1225/2.81	1268/2.98	1309/3.17	1349/3.37	1391/3.54	1430/3.75	1471/3.92	1511/4.12	1549/4.31	1589/4.52
47.6	4600	1234/3.01	1276/3.19	1318/3.38	1357/3.57	1398/3.77	1435/3.96	1475/4.16	1513/4.35	1549/4.54	1587/4.75	1627/4.97
45.6	4800	1288/3.42	1329/3.60	1369/3.82	1407/4.00	1443/4.20	1481/4.41	1518/4.63	1557/4.83	NA	NA	NA
43.8	5000	1342/3.86	1381/4.07	1418/4.26	1456/4.46	1493/4.68	1529/4.91	NA	NA	NA	NA	NA
42.1	5200	1395/4.34	1434/4.54	1469/4.76	1505/4.99	NA	NA	NA	NA	NA	NA	NA
40.3	5440	1460/4.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Model SHH350E

TEMP RISE (°F)	CFM	RPM/BHP @ ESP										
		0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
75.0	3876	787/1.01	863/1.21	936/1.42	1008/1.64	1077/1.87	1144/2.12	1209/2.38	1272/2.64	1333/2.92	1394/3.21	1450/3.50
72.7	4000	812/1.11	886/1.32	957/1.53	1027/1.75	1095/1.99	1161/2.25	1224/2.51	1285/2.78	1345/3.07	1405/3.35	1460/3.65
69.2	4200	853/1.28	922/1.50	992/1.73	1059/1.96	1123/2.21	1186/2.46	1248/2.73	1307/3.01	1367/3.30	1422/3.60	1479/3.91
66.1	4400	893/1.48	961/1.70	1026/1.94	1091/2.18	1152/2.43	1213/2.70	1274/2.98	1331/3.26	1389/3.55	1444/3.86	1497/4.16
63.2	4600	934/1.69	999/1.93	1062/2.16	1122/2.42	1184/2.68	1241/2.95	1299/3.24	1356/3.52	1411/3.82	1465/4.15	1516/4.47
60.6	4800	974/1.92	1036/2.16	1096/2.42	1156/2.68	1214/2.95	1272/3.23	1326/3.52	1382/3.82	1434/4.12	1488/4.44	1538/4.77
58.1	5000	1015/2.17	1074/2.42	1133/2.68	1190/2.96	1246/3.24	1300/3.52	1354/3.83	1407/4.13	1459/4.45	1512/4.76	NA
55.9	5200	1055/2.44	1113/2.71	1169/2.97	1224/3.24	1279/3.55	1331/3.83	1383/4.15	1436/4.45	1486/4.78	NA	NA
53.8	5400	1096/2.73	1151/3.00	1205/3.28	1258/3.58	1311/3.88	1364/4.18	1414/4.50	1462/4.82	NA	NA	NA
51.9	5600	1137/3.04	1190/3.33	1243/3.63	1294/3.92	1344/4.22	1395/4.55	1443/4.86	NA	NA	NA	NA
50.1	5800	1177/3.38	1229/3.67	1279/3.97	1328/4.29	1379/4.59	1426/4.92	NA	NA	NA	NA	NA
48.4	6000	1218/3.75	1268/4.04	1316/4.36	1366/4.68	1413/5.01	NA	NA	NA	NA	NA	NA
46.9	6200	1258/4.13	1306/4.44	1354/4.76	1401/5.09	NA	NA	NA	NA	NA	NA	NA
45.4	6400	1299/4.55	1346/4.86	NA	NA	NA	NA	NA	NA	NA	NA	NA
44.0	6607	1341/5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2 Row Coil for Cabinet A Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, NO GLYCOL														
		130 DEG EWT				155 DEG EWT				180 DEG EWT						
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT				
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
40	250	34.0	38.2	1.8	1/4	0.2	34.0	69.6	1.0	1/4	0.1	34.0	100.2	0.7	1/4	0.0
	350	47.7	27.6	3.5	1/4	0.5	47.6	59.3	1.6	1/4	0.1	47.6	90.4	1.1	1/4	0.1
	450	61.2	13.5	9.2	1/2	0.6	61.2	50.1	2.5	1/4	0.3	61.2	81.5	1.5	1/4	0.1
50	250	73.5	8.7	17.1	1/2	1.9	74.8	41.8	3.6	1/4	0.5	74.8	73.4	2.1	1/4	0.2
	350	22.7	49.1	0.9	1/4	0.1	22.7	78.9	0.6	1/4	0.0	22.7	108.0	0.4	1/4	0.0
	450	31.8	42.2	1.5	1/4	0.1	31.8	72.3	0.9	1/4	0.1	31.8	101.8	0.6	1/4	0.0
60	250	50.2	30.3	3.4	1/4	0.5	49.9	61.1	1.7	1/4	0.1	49.9	91.1	1.1	1/4	0.1
	350	11.4	57.9	0.4	1/4	0.0	11.4	85.5	0.3	1/4	0.0	11.4	112.6	0.2	1/4	0.0
	450	16.0	54.6	0.6	1/4	0.0	16.0	82.6	0.4	1/4	0.0	16.0	110.1	0.3	1/4	0.0
70	250	20.5	51.7	0.8	1/4	0.0	20.5	80.0	0.5	1/4	0.0	20.5	107.7	0.4	1/4	0.0
	350	25.1	49.1	1.0	1/4	0.1	25.1	77.5	0.7	1/4	0.0	25.1	105.4	0.5	1/4	0.0
	450															
550																
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2 Row Coil for Cabinet A Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 30% PEG																								
		130 DEG EWT				155 DEG EWT				180 DEG EWT																
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD		
10	250					67.9	27.1	5.3	1/2	0.5					67.9	88.5	2.1	1/4	0.5							
	350					94.4	11.6	17.1	1/2	4.3					95.3	49.5	4.0	1/4	1.7							
	450														121.8	22.8	11.2	1/2	1.9							
20	250	56.4	11.3	10.5	1/2	1.9									147.5	11.1	27.8	1/2	9.5							
	350					79.2	23.6	7.0	1/2	0.9					79.2	64.3	2.6	1/4	0.8							
	450					101.0	12.0	17.7	1/2	4.5					101.9	38.6	5.5	1/2	0.6							
30	250	45.3	18.6	5.1	1/2	0.5									45.3	86.1	1.1	1/4	0.2							
	350	62.9	10.3	12.8	1/2	2.7									63.4	74.7	1.8	1/4	0.4							
	450														81.5	66.5	2.6	1/4	0.8							
40	250	34.0	34.7	2.1	1/4	0.6									34.0	99.7	0.7	1/4	0.1							
	350	47.6	19.7	5.1	1/2	0.5									47.6	85.6	1.2	1/4	0.2							
	450	61.2	14.5	8.9	1/2	1.4									61.2	77.9	1.6	1/4	0.4							
550	73.4	9.4	16.4	1/2	4.3									75.2	43.1	3.7	1/4	1.5								
10	250	67.9	51.9	2.7	1/4	1.0									67.9	80.7	1.8	1/4	0.4							
	350	95.0	32.8	6.1	1/2	0.8									95.0	75.2	2.7	1/4	0.9							
	450	122.2	28.1	9.1	1/2	1.5									122.2	69.8	3.7	1/4	1.6							
20	250	56.6	52.9	2.2	1/4	0.7									56.6	83.7	1.4	1/4	0.3							
	350	79.2	34.1	4.9	1/2	0.5									79.2	75.9	2.2	1/4	0.7							
	450	101.8	31.3	6.8	1/2	0.9									101.8	72.7	2.9	1/4	1.1							
30	250	45.3	55.9	1.7	1/4	0.4									45.3	87.9	1.1	1/4	0.2							
	350	63.4	50.0	2.7	1/4	1.0									63.4	78.0	1.7	1/4	0.4							
	450	81.5	33.3	5.1	1/2	0.6									81.5	74.2	2.3	1/4	0.7							
40	250	34.0	60.5	1.2	1/4	0.2									34.0	92.5	0.8	1/4	0.1							
	350	47.6	52.5	1.9	1/4	0.5									47.6	82.9	1.2	1/4	0.2							
	450	61.2	49.0	2.6	1/4	0.9									61.2	76.5	1.7	1/4	0.4							
550	74.8	47.3	3.3	1/4	1.4									74.8	73.4	2.1	1/4	0.6								



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet A Sizes

EAT		2 ROW, 8 FPI COIL, 50% PEG																				
		130 DEG EWT				155 DEG EWT				180 DEG EWT												
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT					
Face	Vel	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
-20	250																					
	350																					
	450																					
-10	250																					
	350																					
	450																					
0	250																					
	350																					
	450																					
10	250																					
	350																					
	450																					
-20	250																					
	350																					
	450																					
-10	250																					
	350																					
	450																					
0	250																					
	350																					
	450																					
10	250																					
	350																					
	450																					



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

4 Row Coil for Cabinet A Sizes

EAT	Face Vel	130 DEG EWT							155 DEG EWT							180 DEG EWT														
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD
10	250	67.9	62.4	2.3	1/4	1.5		67.9	99.2	1.4	1/4	0.6	112.7	19.1	12.4	1/2	4.0		67.9	134.3	1.1	1/4	0.3	113.1	58.3	4.1	1/2	0.5		
	350	95.0	40.5	4.9	1/2	0.9		95.0	87.0	2.3	1/4	1.4							95.0	121.0	1.6	1/4	0.8	158.3	39.4	8.4	1/2	1.9		
	450	122.2	34.4	7.5	1/2	1.8		122.2	63.5	4.0	1/2	0.6							122.2	113.9	2.3	1/4	1.3	202.3	21.7	19.5	1/2	8.4		
	550	148.9	26.9	11.6	1/2	3.9		149.3	58.6	5.3	1/2	0.9							149.3	107.9	2.9	1/4	2.1							
	550	56.6	66.3	1.8	1/4	0.9		56.6	102.4	1.2	1/4	0.4	101.8	24.5	8.7	1/2	2.1		56.6	135.8	0.9	1/4	0.2	101.8	76.2	2.8	1/4	1.9		
20	350	79.2	44.7	3.7	1/2	0.5		79.2	90.6	1.8	1/4	0.9						79.2	124.3	1.3	1/4	0.5	142.5	46.4	6.4	1/2	1.2			
	450	101.9	39.0	5.5	1/2	1.0		101.8	84.3	2.5	1/4	1.7						101.8	116.2	1.8	1/4	0.9	182.8	29.5	13.0	1/2	4.1			
	550	124.5	34.2	7.6	1/2	1.9		124.5	63.0	4.1	1/2	0.6						124.5	111.9	2.3	1/4	1.4								
	250	45.3	70.3	1.4	1/4	0.5		45.3	104.6	0.9	1/4	0.3	90.6	29.5	6.4	1/2	1.3		45.3	135.9	0.7	1/4	0.2	90.5	79.5	2.4	1/4	1.4		
	350	63.4	60.5	2.2	1/4	1.4		63.4	94.7	1.4	1/4	0.6	125.5	14.2	18.5	1/2	8.0		63.4	127.2	1.0	1/4	0.3	126.6	52.2	5.1	1/2	0.8		
30	450	81.5	43.3	3.9	1/2	0.6		81.5	87.5	2.0	1/4	1.1						81.5	119.9	1.4	1/4	0.6	162.9	38.2	8.9	1/2	2.1			
	550	99.6	39.5	5.3	1/2	1.0		99.6	83.5	2.5	1/4	1.7						99.6	114.5	1.8	1/4	0.9	198.2	25.3	16.4	1/2	6.1			
	250	34.0	73.3	1.0	1/4	0.3		34.0	104.8	0.7	1/4	0.2	79.2	33.7	4.9	1/2	0.8		34.0	133.6	0.5	1/4	0.1	79.2	81.8	2.0	1/4	1.1		
	350	47.6	65.4	1.5	1/4	0.7		47.6	98.2	1.0	1/4	0.3	110.5	20.5	11.3	1/2	3.4		47.6	128.5	0.8	1/4	0.2	110.8	56.9	4.1	1/2	0.5		
	450	61.2	59.5	2.2	1/4	1.3		61.2	92.1	1.4	1/4	0.6						61.2	123.2	1.0	1/4	0.3	142.5	46.5	6.4	1/2	1.2			
550	74.8	56.0	2.8	1/4	2.1		74.8	87.3	1.8	1/4	0.9						74.8	118.5	1.3	1/4	0.5	173.8	34.9	10.4	1/2	2.8				
10	250	67.9	92.0	1.6	1/4	0.7		67.9	125.7	1.1	1/4	0.4	113.1	83.5	2.8	1/4	2.1		67.9	156.5	0.9	1/4	0.3	113.1	119.0	2.0	1/4	1.1		
	350	95.0	84.6	2.4	1/4	1.6		95.0	118.2	1.7	1/4	0.8	158.2	61.8	5.4	1/2	1.0		95.0	149.8	1.3	1/4	0.5	158.3	116.6	2.8	1/4	2.0		
	450	122.2	65.6	3.9	1/2	0.6		122.2	113.4	2.3	1/4	1.4	203.5	58.3	7.3	1/2	1.7		122.2	145.0	1.8	1/4	0.9	203.5	92.0	4.6	1/2	0.7		
	550	149.3	62.1	5.1	1/2	0.9		149.4	111.4	2.8	1/4	2.2	248.8	53.7	9.7	1/2	2.7		149.3	142.1	2.2	1/4	1.4	248.7	89.5	5.8	1/2	1.1		
	250	56.6	90.4	1.3	1/4	0.5		56.6	122.3	1.0	1/4	0.3	101.8	81.8	2.6	1/4	1.8		56.6	151.7	0.8	1/4	0.2	101.8	116.8	1.8	1/4	0.9		
20	350	79.2	83.7	2.0	1/4	1.1		79.2	116.2	1.4	1/4	0.6	142.4	61.2	4.9	1/2	0.8		79.2	146.6	1.1	1/4	0.4	142.5	114.4	2.6	1/4	1.7		
	450	101.9	79.7	2.7	1/4	2.0		101.8	111.7	1.9	1/4	1.0	183.2	58.5	6.6	1/2	1.4		101.8	142.3	1.5	1/4	0.6	183.2	90.9	4.2	1/2	0.6		
	550	124.4	62.7	4.2	1/2	0.6		124.5	108.9	2.4	1/4	1.6	223.9	54.9	8.5	1/2	2.2		124.5	139.3	1.9	1/4	1.0	223.9	89.0	5.3	1/2	0.9		
	250	45.3	87.8	1.1	1/4	0.4		45.3	117.8	0.8	1/4	0.2	90.5	79.7	2.4	1/4	1.5		45.3	145.7	0.7	1/4	0.2	90.5	114.3	1.7	1/4	0.8		
	350	63.4	82.5	1.6	1/4	0.8		63.4	113.5	1.2	1/4	0.4	126.6	60.2	4.4	1/2	0.7		63.4	142.4	0.9	1/4	0.3	126.6	111.8	2.4	1/4	1.5		
30	450	81.5	78.5	2.2	1/4	1.4		81.5	109.6	1.6	1/4	0.7	162.8	58.3	5.8	1/2	1.1		81.5	139.1	1.2	1/4	0.4	162.8	89.4	3.8	1/2	0.5		
	550	99.6	76.2	2.8	1/4	2.1		99.6	106.8	2.0	1/4	1.1	199.1	55.6	7.5	1/2	1.7		99.6	136.4	1.5	1/4	0.7	199.0	88.2	4.7	1/2	0.7		
	250	34.0	84.0	0.9	1/4	0.3		34.0	111.9	0.6	1/4	0.2	79.2	77.3	2.2	1/4	1.3		34.0	138.4	0.5	1/4	0.1	79.2	111.6	1.5	1/4	0.6		
	350	47.6	80.4	1.2	1/4	0.5		47.6	109.5	0.9	1/4	0.3	110.8	58.9	3.9	1/2	0.6		47.6	136.8	0.7	1/4	0.2	110.8	108.7	2.1	1/4	1.2		
	450	61.2	77.2	1.7	1/4	0.8		61.2	106.9	1.2	1/4	0.4	142.5	57.8	5.2	1/2	0.9		61.2	134.8	1.0	1/4	0.3	142.4	107.1	2.8	1/4	1.9		
550	74.8	74.8	2.1	1/4	1.3		74.8	104.5	1.5	1/4	0.6	174.2	55.9	6.5	1/2	1.3		74.8	132.8	1.2	1/4	0.4	174.2	86.9	4.2	1/2	0.6			

4 Row Coil for Cabinet A Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT											
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD	CIRC	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	CIRC	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	CIRC	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	CIRC	CIRC	WPD				
		250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550				
-20	250	101.8	30.1	7.6	1/2	2.1																															
	350	142.2	21.3	14.9	1/2	7.0																															
	450																																				
	550																																				
-10	250	90.5	33.6	6.0	1/2	1.4																															
	350	126.4	25.3	11.2	1/2	4.2																															
	450	162.3	16.2	22.4	1/2	14.3																															
	550																																				
0	250	79.2	38.8	4.6	1/2	0.8																															
	350	110.8	28.1	8.8	1/2	2.8																															
	450	142.2	22.1	14.4	1/2	6.6																															
	550	172.5	11.9	32.4	3/4	10.7																															
10	250	67.9	54.8	2.8	1/4	2.2																															
	350	95.0	31.2	6.8	1/2	1.7																															
	450	121.9	26.5	10.3	1/2	3.7																															
	550	148.9	21.3	15.6	1/2	7.6																															
-20	250	101.8	84.8	2.7	1/4	2.3																															
	350	142.5	56.2	5.7	1/2	1.2																															
	450	183.2	49.8	8.2	1/2	2.6																															
	550	223.5	48.5	10.3	1/2	3.9																															
-10	250	90.5	85.8	2.4	1/4	1.8																															
	350	126.7	58.6	4.9	1/2	0.9																															
	450	162.8	50.8	7.2	1/2	2.0																															
	550	199.0	47.7	9.3	1/2	3.2																															
0	250	79.2	86.7	2.1	1/4	1.4																															
	350	110.8	61.6	4.0	1/2	0.7																															
	450	142.5	52.5	6.1	1/2	1.4																															
	550	174.2	48.3	8.1	1/2	2.5																															
10	250	67.9	87.0	1.8	1/4	1.1																															
	350	95.0	76.2	2.8	1/4	2.4																															
	450	122.2	55.2	5.0	1/2	1.0																															
	550	149.3	49.7	6.7	1/2	1.7																															

2 Row Coil for Cabinet B Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, NO GLYCOL																								
		130 DEG EWT			155 DEG EWT			180 DEG EWT			180 DEG EWT															
		70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT													
	MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD									
40	250	48.2	42.2	2.3	1/4	0.3	48.2	75.1	1.3	1/4	0.1		48.2	106.5	0.9	1/4	0.1									
	350	67.6	30.8	4.4	1/4	0.9	67.4	64.5	2.1	1/4	0.3		67.4	96.8	1.4	1/4	0.1									
	450	86.1	16.6	10.5	1/2	0.9	86.7	55.0	3.2	1/4	0.5		86.6	87.9	2.0	1/4	0.2									
	550	104.1	10.5	20.0	1/2	2.9	106.0	46.3	4.7	1/4	1.0		106.0	79.6	2.7	1/4	0.4									
	550	32.2	53.1	1.2	1/4	0.1	32.2	83.7	0.8	1/4	0.1		32.2	113.1	0.6	1/4	0.0	95.4	15.1	12.9	1/2	1.3				
50	350	45.0	46.1	2.0	1/4	0.2	45.0	77.4	1.2	1/4	0.1		45.0	107.4	0.9	1/4	0.1									
	450	57.9	39.8	2.9	1/4	0.5	57.9	71.6	1.6	1/4	0.2		57.9	102.2	1.2	1/4	0.1									
	550	71.0	33.9	4.2	1/4	0.9	70.8	66.2	2.2	1/4	0.3		70.8	97.2	1.5	1/4	0.1									
	250	16.2	60.9	0.5	1/4	0.0	16.2	88.6	0.4	1/4	0.0		16.2	115.5	0.3	1/4	0.0	80.7	31.6	5.2	1/4	1.1				
	350	22.6	58.0	0.8	1/4	0.1	22.6	86.2	0.5	1/4	0.0		22.6	113.5	0.4	1/4	0.0	110.3	11.7	19.4	1/2	2.6				
60	450	29.1	55.3	1.1	1/4	0.1	29.1	83.9	0.7	1/4	0.0		29.1	111.6	0.5	1/4	0.0									
	550	35.8	52.6	1.4	1/4	0.1	35.5	81.7	0.9	1/4	0.1		35.6	109.7	0.7	1/4	0.0									
	250											62.9	8.7	14.8	1/2	1.7										
	350																									
	450																									
70	550																									
	250																									
	350																									
	450																									
	550																									

EAT	Face Vel	2 ROW, 14 FPI COIL, NO GLYCOL																
		130 DEG EWT			155 DEG EWT			180 DEG EWT			180 DEG EWT							
		70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT	70 DEG LAT	110 DEG LAT	140 DEG LAT					
	MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD		MBH	WTD	GPM	CIRC	WPD	
40	250	48.2	67.8	1.4	1/4	0.1	48.2	67.5	1.4	1/4	0.0		48.2	112.2	22.8	10.0	1/4	0.3
	350	67.4	62.7	2.2	1/4	0.3	67.4	62.1	2.2	1/4	0.0		67.4	156.3	14.7	21.6	1/4	1.2
	450	86.7	58.1	3.0	1/4	0.5	86.7	57.6	3.1	1/4	0.0		86.7	199.3	8.6	47.4	1/4	4.8
	550	106.0	53.8	4.0	1/4	0.8	105.9	53.7	4.0	1/4	0.1		105.9	277.9	2.8	1/4	0.0	
	550	32.2	46.0	1.4	1/4	0.0	32.1	70.4	0.9	1/4	0.0		32.1	95.8	0.7	1/4	0.0	
50	350	45.0	42.3	2.2	1/4	0.0	45.0	66.2	1.4	1/4	0.0		45.0	134.2	18.0	15.1	1/4	0.7
	450	57.9	39.3	3.0	1/4	0.1	57.9	62.7	1.9	1/4	0.0		57.9	171.7	12.2	28.8	1/4	2.0
	550	70.8	36.6	3.9	1/4	0.1	70.8	59.7	2.4	1/4	0.0		70.8	208.2	7.5	56.4	1/4	6.5
	250	16.2	49.4	0.7	1/4	0.0	16.2	74.1	0.4	1/4	0.0		16.2	28.0	5.8	1/4	0.1	
	350	22.6	46.9	1.0	1/4	0.0	22.6	71.2	0.6	1/4	0.0		22.6	111.8	21.6	10.6	1/4	0.4
60	450	29.1	44.8	1.3	1/4	0.0	29.1	68.8	0.9	1/4	0.0		29.1	143.5	16.1	18.1	1/4	0.9
	550	35.6	43.1	1.7	1/4	0.0	35.6	66.8	1.1	1/4	0.0		35.6	174.6	11.7	30.4	1/4	2.2
	250											63.3	7.8	16.5	1/4	0.8		
	350											87.4	4.2	41.8	1/4	4.0		
	450																	
70	550																	
	250																	
	350																	
	450																	
	550																	

2 Row Coil for Cabinet B Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 30% PEG																									
		130 DEG EWT				155 DEG EWT				180 DEG EWT																	
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT										
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD		
10	250	96.2	31.6	6.4	1/2	1.0	96.2	31.6	6.4	1/2	1.0	96.2	31.6	6.4	1/2	1.1	134.6	44.2	6.4	1/2	0.9	172.6	26.9	13.4	1/2	3.3	
	350	133.7	13.9	20.2	1/2	7.2																					
	450																										
20	250	79.8	13.4	12.5	1/2	3.3	80.2	52.3	3.2	1/4	1.6	80.2	52.3	3.2	1/4	0.7	112.2	27.5	8.6	1/2	1.6	144.3	44.2	6.8	1/2	1.0	
	350																										
	450																										
30	250	64.2	22.0	6.1	1/2	0.9	64.2	60.4	2.2	1/4	0.9	64.2	60.4	2.2	1/4	0.4	89.8	38.5	4.9	1/2	0.6	115.5	30.1	8.0	1/2	1.4	
	350	89.0	12.4	15.1	1/2	4.7	89.8	38.5	4.9	1/2	0.6	89.8	38.5	4.9	1/2	0.9	115.5	30.1	8.0	1/2	1.4	140.2	20.2	14.5	1/2	4.1	
	450																										
40	250	48.2	38.7	2.6	1/4	1.2	48.2	68.6	1.5	1/4	0.4	48.2	68.6	1.5	1/4	0.2	67.4	61.2	2.3	1/4	0.9	86.7	55.2	3.3	1/4	1.7	
	350	67.4	23.2	6.1	1/2	0.9	67.4	61.2	2.3	1/4	0.9	67.4	61.2	2.3	1/4	0.5	86.7	55.2	3.3	1/4	1.7	106.0	37.4	5.9	1/2	0.8	
	450	86.1	17.6	10.3	1/2	2.4	86.7	55.2	3.3	1/4	1.7	86.7	55.2	3.3	1/4	0.8	106.0	37.4	5.9	1/2	0.8	106.0	80.0	2.8	1/4	1.2	
550	104.1	11.2	19.5	1/2	7.3	106.0	37.4	5.9	1/2	0.8	106.0	37.4	5.9	1/2	0.8	106.0	80.0	2.8	1/4	1.2	106.0	80.0	2.8	1/4	1.2		
10	250	96.1	41.7	4.8	1/2	0.6	96.2	50.8	4.0	1/4	0.2	96.2	50.8	4.0	1/4	0.1	134.6	41.6	6.8	1/4	0.5	173.1	40.5	8.9	1/2	0.5	
	350	134.7	38.6	7.3	1/2	1.3	134.6	41.6	6.8	1/4	0.5	134.6	41.6	6.8	1/4	0.5	173.1	40.5	8.9	1/2	0.5	211.0	38.2	11.6	1/2	0.8	
	450	172.6	33.4	10.8	1/2	2.7	173.1	40.5	8.9	1/2	0.5	173.1	40.5	8.9	1/2	0.5	211.0	38.2	11.6	1/2	0.8	211.0	38.2	11.6	1/2	0.8	
20	250	80.2	58.4	2.9	1/4	1.5	80.2	57.4	2.9	1/4	0.1	80.2	57.4	2.9	1/4	0.1	112.2	44.4	5.3	1/4	0.3	144.2	41.1	7.3	1/4	0.6	
	350	112.2	40.0	5.9	1/2	0.9	112.2	44.4	5.3	1/4	0.3	112.2	44.4	5.3	1/4	0.3	144.2	41.1	7.3	1/4	0.6	176.4	40.1	9.2	1/2	0.5	
	450	144.2	36.9	8.2	1/2	1.6	144.2	41.1	7.3	1/4	0.6	144.2	41.1	7.3	1/4	0.6	176.4	40.1	9.2	1/2	0.5	176.4	40.1	9.2	1/2	0.5	
30	250	64.2	59.0	2.3	1/4	1.0	64.2	66.4	2.0	1/4	0.1	64.2	66.4	2.0	1/4	0.1	89.8	50.4	3.7	1/4	0.2	115.5	42.9	5.6	1/4	0.4	
	350	89.8	40.2	4.7	1/2	0.6	89.8	50.4	3.7	1/4	0.2	89.8	50.4	3.7	1/4	0.2	115.5	42.9	5.6	1/4	0.4	141.1	40.8	7.2	1/4	0.6	
	450	115.4	39.1	6.2	1/2	1.0	115.5	42.9	5.6	1/4	0.4	115.5	42.9	5.6	1/4	0.4	141.1	40.8	7.2	1/4	0.6	141.1	40.8	7.2	1/4	0.6	
40	250	48.2	61.8	1.6	1/4	0.5	48.2	76.5	1.3	1/4	0.1	48.2	76.5	1.3	1/4	0.1	67.4	61.3	2.3	1/4	0.1	86.7	50.3	3.6	1/4	0.2	
	350	67.4	56.0	2.5	1/4	1.2	67.4	61.3	2.3	1/4	0.1	67.4	61.3	2.3	1/4	0.1	86.7	50.3	3.6	1/4	0.2	106.0	44.1	5.0	1/4	0.3	
	450	86.7	27.0	6.7	1/4	0.5	86.7	50.3	3.6	1/4	0.2	86.7	50.3	3.6	1/4	0.2	106.0	44.1	5.0	1/4	0.3	106.0	44.1	5.0	1/4	0.3	
550	105.9	25.3	8.8	1/2	0.5	106.0	44.1	5.0	1/4	0.3	106.0	44.1	5.0	1/4	0.3	106.0	44.1	5.0	1/4	0.3	106.0	44.1	5.0	1/4	0.3		



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet B Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 50% PEG														
		130 DEG EWT				155 DEG EWT				180 DEG EWT						
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT				
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
-20	250															
	350															
	450															
	550															
-10	250															
	350															
	450															
	550															
0	250															
	350															
	450															
	550															
10	250															
	350															
	450															
	550															

EAT	Face Vel	2 ROW, 14 FPI COIL, 50% PEG														
		130 DEG EWT				155 DEG EWT				180 DEG EWT						
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT				
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
-20	250															
	350															
	450															
	550															
-10	250															
	350															
	450															
	550															
0	250															
	350															
	450															
	550															
10	250															
	350															
	450															
	550															



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

4 Row Coil for Cabinet B Sizes

EAT	Face Vel	4 ROW, 8 FPI COIL, NO GLYCOL														
		130 DEG EWT				155 DEG EWT				180 DEG EWT						
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT				
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
40	250	48.2	59.1	1.6	1/4	0.0	48.2	88.1	1.1	1/4	0.0	112.2	29.1	7.8	1/4	0.4
	350	67.4	53.4	2.6	1/4	0.1	67.4	82.5	1.7	1/4	0.0	155.9	17.0	18.7	1/4	1.9
	450	86.7	48.5	3.6	1/4	0.1	86.6	77.7	2.3	1/4	0.1					
50	250	106.0	44.3	4.8	1/4	0.2	105.9	73.4	2.9	1/4	0.1					
	350	32.2	61.1	1.1	1/4	0.0	32.2	89.0	0.7	1/4	0.0	96.2	33.6	5.8	1/4	0.3
	450	45.0	57.3	1.6	1/4	0.0	45.0	85.3	1.1	1/4	0.0	134.2	22.6	12.1	1/4	0.9
60	250	57.9	54.0	2.2	1/4	0.1	57.9	82.1	1.4	1/4	0.0	171.1	14.1	24.7	1/4	3.1
	350	70.7	51.0	2.8	1/4	0.1	70.8	79.2	1.8	1/4	0.0					
	450	16.2	62.0	0.5	1/4	0.0	16.2	88.6	0.4	1/4	0.0	80.2	37.9	4.3	1/4	0.2
70	250	22.6	60.0	0.8	1/4	0.0	22.6	86.7	0.5	1/4	0.0	112.3	28.2	8.1	1/4	0.5
	350	29.1	58.3	1.0	1/4	0.0	29.1	85.1	0.7	1/4	0.0	143.4	20.7	14.1	1/4	1.2
	450	35.6	56.8	1.3	1/4	0.0	35.6	83.7	0.9	1/4	0.0	174.1	14.4	24.6	1/4	3.1
40	250	63.2	9.3	13.8	1/4	1.2										
	350															
	450															
50	250															
	350															
	450															
60	250															
	350															
	450															
70	250															
	350															
	450															

EAT	Face Vel	4 ROW, 14 FPI COIL, NO GLYCOL														
		130 DEG EWT				155 DEG EWT				180 DEG EWT						
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT				
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
40	250	48.2	69.6	1.4	1/4	0.0	48.1	97.5	1.0	1/4	0.0	112.2	61.3	3.7	1/4	0.1
	350	67.4	66.8	2.0	1/4	0.1	67.4	94.7	1.4	1/4	0.0	157.0	55.8	5.7	1/4	0.3
	450	86.7	64.6	2.7	1/4	0.1	86.7	92.4	1.9	1/4	0.0	201.9	51.4	8.0	1/4	0.5
50	250	105.9	62.7	3.4	1/4	0.1	105.9	90.4	2.4	1/4	0.1	246.2	47.8	10.4	1/4	0.7
	350	32.2	67.4	1.0	1/4	0.0	32.2	94.5	0.7	1/4	0.0	96.2	60.6	3.2	1/4	0.1
	450	45.0	65.5	1.4	1/4	0.0	45.0	92.5	1.0	1/4	0.0	134.6	55.9	4.9	1/4	0.2
60	250	70.7	62.4	2.3	1/4	0.1	70.7	89.4	1.6	1/4	0.0	211.6	48.7	8.8	1/4	0.5
	350	17.2	63.8	1.8	1/4	0.0	17.2	90.9	1.3	1/4	0.0	173.1	52.0	6.8	1/4	0.3
	450	21.0	62.4	2.3	1/4	0.1	21.0	89.4	1.6	1/4	0.0	211.6	48.7	8.8	1/4	0.5
70	250	16.2	64.5	0.5	1/4	0.0	16.2	90.6	0.4	1/4	0.0	80.2	59.8	2.7	1/4	0.1
	350	22.6	63.3	0.7	1/4	0.0	22.6	89.5	0.5	1/4	0.0	112.2	55.7	4.1	1/4	0.1
	450	29.1	62.4	0.9	1/4	0.0	29.1	88.6	0.7	1/4	0.0	144.3	52.4	5.6	1/4	0.3
50	250	35.6	61.6	1.2	1/4	0.0	35.6	87.7	0.8	1/4	0.0	176.4	49.5	7.2	1/4	0.4
	350															
	450															
60	250															
	350															
	450															
70	250															
	350															
	450															



HOT WATER COIL SIZES (cont'd)
Models PXH and RXH

4 Row Coil for Cabinet B Sizes

EAT		4 ROW, 8 FPI COIL, 30% PEG										4 ROW, 14 FPI COIL, 30% PEG																											
		130 DEG EWT					155 DEG EWT					180 DEG EWT					130 DEG EWT					155 DEG EWT					180 DEG EWT												
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT					
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD
10	250	96.2	43.4	4.7	1/4	0.5				96.2	80.4	2.5	1/4	0.2	159.2	17.2	19.4	1/2	3.4	96.2	116.7	1.7	1/4	0.1	160.2	48.4	6.9	1/2	0.5										
	350	134.6	31.9	8.9	1/2	0.9				134.7	61.1	4.6	1/4	0.5						134.6	95.1	3.0	1/4	0.2	223.9	34.8	13.4	1/2	1.7										
	450	172.6	28.3	12.8	1/2	1.8				173.1	51.6	7.0	1/2	0.6						173.1	80.7	4.5	1/4	0.5	285.9	19.2	31.1	1/2	7.3										
	550	210.9	22.8	19.4	1/2	3.7				211.6	48.6	9.1	1/2	0.9						211.6	72.9	6.1	1/4	0.8															
20	250	80.2	50.5	3.3	1/4	0.3				80.2	87.5	1.9	1/4	0.2	143.8	21.3	14.2	1/2	1.9	80.2	122.3	1.4	1/4	0.1	144.2	50.2	6.0	1/4	0.8										
	350	112.2	36.4	6.5	1/2	0.5				112.2	69.3	3.4	1/4	0.3						112.2	104.1	2.3	1/4	0.1	201.4	40.3	10.5	1/2	1.1										
	450	144.3	31.2	9.7	1/2	1.1				144.2	57.4	5.2	1/2	0.6						144.3	89.3	3.4	1/4	0.3	258.3	26.2	20.6	1/2	3.6										
	550	175.8	28.4	13.0	1/2	1.8				176.4	51.1	7.2	1/2	0.6						176.3	79.3	4.7	1/4	0.5															
30	250	64.2	58.2	2.3	1/4	0.2				64.2	93.6	1.4	1/4	0.1	127.9	25.0	10.7	1/2	1.2	64.2	126.3	1.1	1/4	0.1	128.2	52.0	5.2	1/4	0.6										
	350	89.8	43.8	4.3	1/4	0.5				89.8	78.8	2.4	1/4	0.2	177.2	12.6	29.5	1/2	7.1	89.8	112.7	1.7	1/4	0.1	179.4	44.3	8.5	1/2	0.8										
	450	115.5	35.2	6.9	1/2	0.6				115.5	66.4	3.6	1/4	0.3						115.5	100.0	2.4	1/4	0.2	230.2	34.0	14.2	1/2	1.8										
	550	141.1	31.6	9.4	1/2	1.0				141.2	57.9	5.1	1/4	0.6						141.2	89.2	3.3	1/4	0.3	280.3	22.3	26.3	1/2	5.5										
40	250	48.2	64.9	1.6	1/4	0.2				48.2	97.7	1.0	1/4	0.1	112.2	27.6	8.5	1/2	0.8	48.1	128.0	0.8	1/4	0.1	112.2	55.7	4.2	1/4	0.4										
	350	67.4	53.5	2.6	1/4	0.2				67.4	87.6	1.6	1/4	0.1	156.1	18.2	17.9	1/2	2.9	67.4	119.4	1.2	1/4	0.1	157.1	47.6	6.9	1/2	0.5										
	450	86.7	44.1	4.1	1/4	0.4				86.7	77.8	2.3	1/4	0.2						86.7	110.5	1.6	1/4	0.1	201.4	40.6	10.4	1/2	1.1										
	550	106.0	37.4	5.9	1/4	0.8				106.0	69.2	3.2	1/4	0.3						105.9	101.8	2.2	1/4	0.1	246.0	31.2	16.5	1/2	2.4										
10	250	96.2	74.9	2.7	1/4	0.2				96.1	110.3	1.8	1/4	0.2	180.2	51.7	6.5	1/2	0.5	96.2	143.1	1.4	1/4	0.1	160.2	85.4	3.9	1/4	0.4										
	350	134.6	61.6	4.6	1/4	0.5				134.6	96.3	2.9	1/4	0.2	224.2	50.5	9.3	1/2	1.0	134.6	129.8	2.2	1/4	0.1	224.2	76.9	6.1	1/4	0.9										
	450	173.0	53.8	6.8	1/2	0.6				173.0	85.4	4.3	1/4	0.4	287.8	48.9	12.3	1/2	1.6	173.0	118.1	3.1	1/4	0.2	288.3	77.0	7.8	1/2	0.7										
	550	211.5	50.1	8.9	1/2	0.9				211.6	78.3	5.7	1/4	0.8	351.8	46.0	16.0	1/2	2.5	211.5	109.1	4.1	1/4	0.4	352.5	76.1	9.7	1/2	1.0										
20	250	80.2	76.7	2.2	1/4	0.2				80.1	110.6	1.5	1/4	0.1	144.2	51.8	5.8	1/4	0.8	80.2	141.9	1.2	1/4	0.1	144.2	86.5	3.5	1/4	0.3										
	350	112.2	65.0	3.6	1/4	0.4				112.2	99.1	2.4	1/4	0.2	201.8	49.8	8.5	1/2	0.8	112.2	131.5	1.8	1/4	0.1	201.8	76.7	5.5	1/4	0.7										
	450	144.3	56.4	5.4	1/4	0.7				144.3	89.1	3.4	1/4	0.3	259.0	48.8	11.1	1/2	1.3	144.3	121.6	2.5	1/4	0.2	259.4	75.8	7.2	1/2	0.6										
	550	176.3	51.4	7.2	1/2	0.6				176.3	81.4	4.5	1/4	0.5	316.6	46.7	14.2	1/2	2.0	176.3	113.0	3.3	1/4	0.3	317.2	75.4	8.8	1/2	0.8										
30	250	64.2	77.8	1.7	1/4	0.2				64.2	109.8	1.2	1/4	0.2	179.5	48.7	7.7	1/2	0.7	64.1	139.4	1.0	1/4	0.1	128.2	87.8	3.1	1/4	0.2										
	350	89.8	68.4	2.8	1/4	0.2				89.8	101.3	1.9	1/4	0.2	179.5	48.7	7.7	1/2	0.7	89.8	132.1	1.4	1/4	0.1	179.5	76.9	4.9	1/4	0.6										
	450	115.5	60.3	4.0	1/4	0.4				115.4	93.1	2.6	1/4	0.2	230.7	48.3	10.0	1/2	1.1	115.4	124.7	1.9	1/4	0.1	230.6	74.1	6.5	1/4	1.0										
	550	141.2	54.3	5.5	1/4	0.7				141.2	85.9	3.5	1/4	0.3	281.4	47.0	12.5	1/2	1.6	141.1	117.5	2.5	1/4	0.2	282.0	74.4	7.9	1/2	0.7										
40	250	48.1	77.6	1.3	1/4	0.1				48.2	107.3	0.9	1/4	0.1	112.2	53.2	4.4	1/4	0.5	48.2	135.1	0.8	1/4	0.1	112.2	89.3	2.6	1/4	0.2										
	350	67.4	71.0	2.0	1/4	0.2				67.4	101.9	1.4	1/4	0.1	157.0	47.4	6.9	1/2	0.6	67.4	130.9	1.1	1/4	0.1	157.0	77.6	4.2	1/4	0.4										
	450	86.6	64.7	2.8	1/4	0.2				86.6	96.3	1.9	1/4	0.2	201.9	47.5	8.9	1/2	0.9	86.7	126.1	1.4	1/4	0.1	201.9	72.7	5.8	1/4	0.8										
	550	105.9	59.1	3.8	1/4	0.4				106.0	90.8	2.5	1/4	0.2	246.2	46.9	11.0	1/2	1.3	105.9	121.2	1.8	1/4	0.1	246.8	72.9	7.1	1/2	0.6										

4 Row Coil for Cabinet B Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT														
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT										
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD				
-20	250	143.9	22.7	14.1	1/2	2.4					144.2	50.0	6.4	1/2	0.5						144.2	131.7	2.5	1/4	0.4															
	350	201.5	16.9	26.7	1/2	7.5				201.5	36.9	12.1	1/2	1.7							201.9	61.0	7.3	1/2	0.7															
	450									259.0	32.0	18.0	1/2	3.5							259.1	54.0	10.6	1/2	1.3															
-10	250	127.9	25.7	11.1	1/2	1.5				128.2	56.8	5.0	1/4	0.7							128.2	93.2	3.1	1/4	0.3															
	350	179.1	19.5	20.5	1/2	4.7				179.1	39.5	10.1	1/2	1.2							179.5	67.0	6.0	1/4	0.8															
	450	229.9	13.2	38.8	1/2	14.5				230.2	34.9	14.7	1/2	2.4							230.6	55.7	9.2	1/2	1.0															
0	250	112.2	30.1	8.3	1/2	0.9				112.2	64.7	3.9	1/4	0.4							112.2	101.4	2.5	1/4	0.3															
	350	156.6	21.4	16.3	1/2	3.2				157.0	44.2	7.9	1/2	0.8							157.0	75.2	4.6	1/4	0.5															
	450	201.4	17.5	25.7	1/2	7.0				201.4	37.0	12.1	1/2	1.7							201.9	60.5	7.4	1/2	0.7															
10	250	96.2	36.7	5.9	1/4	0.9				96.2	73.3	2.9	1/4	0.4							96.2	109.3	2.0	1/4	0.2															
	350	134.3	23.9	12.6	1/2	1.9				134.6	51.5	5.8	1/4	0.8							134.6	85.2	3.5	1/4	0.3															
	450	172.6	20.4	18.9	1/2	4.1				173.1	40.3	9.6	1/2	1.1							173.1	68.1	5.7	1/4	0.8															
550	211.0	17.0	27.8	1/2	8.0				211.1	36.7	12.8	1/2	1.9							211.6	58.8	8.0	1/2	0.8																

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT																
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT												
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
-20	250	144.2	58.1	5.6	1/4	0.9				144.2	95.6	3.4	1/4	0.5							144.2	131.7	2.5	1/4	0.3																	
	350	201.5	43.3	10.4	1/2	1.4				201.9	74.4	6.1	1/4	0.9							201.9	291.1	38.7	16.8	1/2	3.1																
	450	259.0	38.0	15.3	1/2	2.9				259.4	63.1	9.2	1/2	1.0							259.4	92.5	6.3	1/4	0.9																	
-10	250	128.2	61.6	4.7	1/4	0.7				128.2	98.7	2.9	1/4	0.5							128.1	134.1	2.1	1/4	0.3																	
	350	179.4	45.6	8.8	1/2	1.0				179.4	78.5	5.1	1/4	0.7							179.4	112.8	3.6	1/4	0.4																	
	450	230.2	38.9	13.3	1/2	2.2				230.7	65.7	7.8	1/2	0.8							230.6	96.6	5.3	1/4	0.7																	
0	250	112.2	65.1	3.9	1/4	0.7				112.2	101.4	2.5	1/4	0.4							112.2	135.8	1.9	1/4	0.3																	
	350	157.1	49.1	7.2	1/2	1.5				157.1	83.0	4.2	1/4	0.5							157.0	117.2	3.0	1/4	0.4																	
	450	201.4	40.6	11.1	1/2	2.7				201.8	69.5	6.5	1/2	0.5							201.8	101.6	4.4	1/4	0.5																	
10	250	96.2	68.4	3.2	1/4	0.6				96.2	137.0	1.6	1/4	0.2							96.2	137.0	1.6	1/4	0.2																	
	350	134.6	53.3	5.7	1/4	0.9				134.6	87.7	3.4	1/4	0.5							134.6	121.3	2.5	1/4	0.3																	
	450	173.1	43.3	9.0	1/2	1.0				173.1	74.4	5.2	1/4	0.7							173.0	107.2	3.6	1/4	0.4																	
550	211.0	38.3	12.3	1/2	1.9				211.6	65.1	7.3	1/2	0.7							211.6	95.6	4.9	1/4	0.6																		

2 Row Coil for Cabinet C Sizes

Face EAT	Face Vel	2 ROW, 8 FPI COIL, NO GLYCOL												2 ROW, 14 FPI COIL, NO GLYCOL																			
		130 DEG EWT				155 DEG EWT				180 DEG EWT				130 DEG EWT				155 DEG EWT				180 DEG EWT											
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT									
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD									
40	250	47.6	24.6	3.9	1/4	0.1	47.6	48.5	2.0	1/4	0.0	47.6	67.1	1.4	1/4	0.0	47.6	67.1	1.4	1/4	0.0	47.6	92.4	1.0	1/4	0.0	47.6	110.8	22.6	10.0	1/4	0.3	
	350	66.6	17.0	7.9	1/4	0.2	66.6	39.9	3.4	1/4	0.0	66.6	61.7	2.2	1/4	0.0	66.6	61.7	2.2	1/4	0.0	66.6	86.6	1.6	1/4	0.0	66.6	154.5	14.6	21.5	1/4	1.0	
	450	84.8	11.6	14.8	1/4	0.6	85.7	32.8	5.3	1/4	0.1	85.7	57.3	3.0	1/4	0.0	85.7	57.3	3.0	1/4	0.0	85.7	81.7	2.1	1/4	0.0	85.7	197.0	8.5	47.2	1/4	4.0	
	550	102.4	7.2	28.7	1/4	1.7	104.7	26.6	8.0	1/4	0.2	104.7	53.4	4.0	1/4	0.1	104.7	53.4	4.0	1/4	0.1	104.7	77.5	2.8	1/4	0.0	104.7	243.1	22.8	21.9	1/4	1.0	
50	250	31.8	33.5	1.9	1/4	0.0	31.8	58.0	1.1	1/4	0.0	31.8	70.1	0.9	1/4	0.0	31.8	70.1	0.9	1/4	0.0	31.8	95.4	0.7	1/4	0.0	31.8	95.0	25.2	7.7	1/4	0.2	
	350	44.5	27.8	3.2	1/4	0.0	44.5	51.5	1.8	1/4	0.0	44.5	65.9	1.4	1/4	0.0	44.5	65.9	1.4	1/4	0.0	44.5	90.9	1.0	1/4	0.0	44.5	132.6	17.9	15.1	1/4	0.6	
	450	57.3	23.1	5.0	1/4	0.1	57.2	46.2	2.5	1/4	0.0	57.2	62.4	1.9	1/4	0.0	57.2	62.4	1.9	1/4	0.0	57.2	87.1	1.3	1/4	0.0	57.2	169.7	12.1	28.7	1/4	1.7	
	550	70.1	19.0	7.5	1/4	0.2	69.9	41.6	3.4	1/4	0.0	69.9	59.4	2.4	1/4	0.0	69.9	59.4	2.4	1/4	0.0	69.9	83.8	1.7	1/4	0.0	69.9	205.7	7.5	56.1	1/4	5.4	
60	250	16.0	43.2	0.8	1/4	0.0	16.0	68.1	0.5	1/4	0.0	16.0	73.8	0.4	1/4	0.0	16.0	73.8	0.4	1/4	0.0	16.0	99.2	0.3	1/4	0.0	16.0	99.2	0.3	1/4	0.0	16.0	
	350	22.5	39.5	1.2	1/4	0.0	22.4	64.1	0.7	1/4	0.0	22.4	70.9	0.6	1/4	0.0	22.4	70.9	0.6	1/4	0.0	22.4	96.1	0.5	1/4	0.0	22.4	110.5	21.4	10.5	1/4	0.3	
	450	28.9	36.6	1.6	1/4	0.0	28.7	60.7	1.0	1/4	0.0	28.7	68.5	0.9	1/4	0.0	28.7	68.5	0.9	1/4	0.0	28.7	93.5	0.6	1/4	0.0	28.7	141.8	16.0	18.0	1/4	0.8	
	550	35.3	34.0	2.1	1/4	0.0	35.1	57.9	1.2	1/4	0.0	35.1	66.5	1.1	1/4	0.0	35.1	66.5	1.1	1/4	0.0	35.1	91.3	0.8	1/4	0.0	35.1	172.6	11.6	30.2	1/4	1.8	
70	250																																
	350																																
	450																																
	550																																
	250																																
	350																																
	450																																
	550																																

2 Row Coil for Cabinet C Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 30% PEG																								
		130 DEG EWT				155 DEG EWT				180 DEG EWT																
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
10	250					95.0	21.9	9.1	1/4	0.6						95.0	41.3	4.8	1/4	0.2						
	350					131.8	9.7	28.4	1/2	3.4						133.1	31.9	8.7	1/4	0.6						
	450															170.3	19.6	18.2	1/4	2.0						
20	250	78.8	9.3	17.7	1/2	1.6					79.2	26.9	6.2	1/4	0.3							79.2	51.1	3.2	1/4	0.1
	350										110.5	19.7	11.8	1/2	0.7							110.9	39.4	5.9	1/4	0.3
	450										141.0	10.0	29.4	1/2	3.6							142.6	32.1	9.3	1/4	0.6
30	250	63.4	14.7	9.0	1/4	0.7					63.4	36.3	3.7	1/4	0.1							63.4	67.1	2.0	1/4	0.0
	350	87.9	8.7	21.2	1/2	2.2					88.8	26.6	7.0	1/4	0.4							88.8	47.9	3.9	1/4	0.1
	450										113.6	21.6	11.0	1/2	0.6							114.1	40.9	5.8	1/4	0.3
40	250	47.6	22.1	4.5	1/4	0.2					47.6	53.1	1.9	1/4	0.0							47.6	86.5	1.2	1/4	0.0
	350	66.6	15.6	9.0	1/4	0.7					66.6	36.5	3.8	1/4	0.1							66.6	66.3	2.1	1/4	0.0
	450	85.1	12.0	14.8	1/2	1.1					85.7	29.0	6.2	1/4	0.3							85.7	52.4	3.4	1/4	0.1
550	102.5	7.9	27.3	1/2	3.4						104.7	26.2	8.4	1/4	0.6							104.7	45.1	4.9	1/4	0.2
EAT	Face Vel	2 ROW, 14 FPI COIL, 30% PEG																								
		130 DEG EWT				155 DEG EWT				180 DEG EWT																
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
10	250	95.0	30.1	6.6	1/4	0.4					95.0	56.1	3.6	1/4	0.1							95.0	86.8	2.3	1/4	0.1
	350	132.7	26.3	10.6	1/2	0.6					133.1	44.5	6.3	1/4	0.3							133.1	88.2	4.1	1/4	0.2
	450	170.6	22.9	15.6	1/2	1.3					171.0	41.9	8.5	1/4	0.6							170.8	61.3	5.8	1/4	0.3
20	250	79.2	33.8	4.9	1/4	0.2					79.2	63.3	2.6	1/4	0.1							79.2	95.4	1.7	1/4	0.0
	350	110.9	27.0	8.6	1/4	0.6					110.9	48.3	4.8	1/4	0.2							110.9	75.2	3.1	1/4	0.1
	450	142.1	25.2	11.8	1/2	0.8					142.6	42.9	7.0	1/4	0.4							142.6	64.7	4.6	1/4	0.2
30	250	63.4	40.2	3.3	1/4	0.1					63.4	72.1	1.8	1/4	0.0							63.4	104.3	1.3	1/4	0.0
	350	88.8	29.7	6.3	1/4	0.4					88.8	55.5	3.4	1/4	0.1							88.8	85.6	2.2	1/4	0.1
	450	114.1	26.5	9.0	1/4	0.7					114.1	46.4	5.2	1/4	0.2							114.2	72.1	3.3	1/4	0.1
40	250	47.6	48.9	2.0	1/4	0.1					47.6	81.1	1.2	1/4	0.0							47.6	112.3	0.9	1/4	0.0
	350	66.6	36.5	3.8	1/4	0.1					66.6	66.7	2.1	1/4	0.1							66.6	98.0	1.4	1/4	0.0
	450	85.7	29.6	6.1	1/4	0.3					85.7	55.3	3.2	1/4	0.1							85.7	85.0	2.1	1/4	0.1
550	104.7	26.5	8.3	1/4	0.6						104.7	48.0	4.6	1/4	0.2							104.7	74.7	2.9	1/4	0.1



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet C Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 50% PEG																				
		130 DEG EWT				155 DEG EWT				180 DEG EWT												
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT										
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD						
-20	250																					
	350																					
	450																					
-10	250																					
	350																					
	450																					
0	250																					
	350																					
	450																					
10	250																					
	350																					
	450																					
-20	250	142.2	18.5	17.1	1/2	1.8	142.4	33.7	9.4	1/2	0.6	142.5	54.8	5.8	1/4	0.3	205.4	27.0	16.9	1/2	1.4	
	350	199.1	14.2	31.2	1/2	5.1	199.2	29.8	14.9	1/2	1.3	199.5	46.2	9.6	1/2	0.5	286.6	14.4	44.1	1/2	7.9	
	450						256.0	25.3	22.5	1/2	2.6	256.0	43.1	13.2	1/2	1.0						
-10	250						312.8	18.8	36.9	1/2	6.3	312.9	38.2	18.1	1/2	1.7						
	350	126.3	18.9	14.9	1/2	1.4	126.6	36.0	7.8	1/4	0.6	126.6	59.7	4.7	1/4	0.2	189.6	28.6	14.7	1/2	1.1	
	450	177.0	16.0	24.8	1/2	3.4	177.0	30.7	12.8	1/2	1.0	177.3	46.9	8.4	1/4	0.6	264.8	16.8	34.9	1/2	5.2	
0	250	227.5	11.1	45.9	1/2	10.1	227.5	27.6	18.3	1/2	1.8	227.6	44.6	11.3	1/2	0.7						
	350						278.1	22.9	26.9	1/2	3.6	278.1	41.2	15.0	1/2	1.2						
	450																					
10	250	110.6	20.0	12.4	1/2	1.0	110.8	39.9	6.2	1/4	0.4	110.8	66.6	3.7	1/4	0.1	173.8	29.9	12.9	1/2	0.9	
	350	154.8	17.3	20.0	1/2	2.3	154.9	31.2	11.1	1/2	0.8	155.2	49.7	6.9	1/4	0.4	243.3	20.3	26.6	1/2	3.2	
	450	199.1	13.9	31.9	1/2	5.3	199.1	29.3	15.1	1/2	1.3	199.6	45.5	9.7	1/2	0.6	310.9	11.2	61.1	1/2	14.2	
-20	250	242.4	9.4	57.4	Full	17.1	243.3	26.2	20.7	1/2	2.3	243.3	43.5	12.4	1/2	0.9						
	350	95.0	22.2	9.6	1/2	0.6	95.0	46.0	4.6	1/4	0.2	95.0	75.4	2.8	1/4	0.1	158.0	30.9	11.3	1/2	0.7	
	450	132.7	18.1	16.4	1/2	1.6	133.1	33.2	8.9	1/4	0.7	133.1	54.5	5.4	1/4	0.3	221.2	23.4	20.9	1/2	2.1	
10	250	170.6	16.0	23.7	1/2	3.1	170.6	30.4	12.5	1/2	0.9	171.0	46.6	8.1	1/4	0.6	283.7	14.2	44.1	1/2	7.9	
	350	208.4	13.0	35.8	1/2	6.5	208.5	28.6	16.2	1/2	1.5	208.5	45.0	10.3	1/2	0.6						

4 Row Coil for Cabinet C Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT											
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD						
40	250	47.6	58.9	1.6	1/4	0.0					47.6	87.9	1.1	1/4	0.0	110.8	29.0	7.8	1/4	0.4	47.6	116.4	0.8	1/4	0.0	110.8	63.6	3.6	1/4	0.1							
	350	66.6	53.2	2.5	1/4	0.1				66.6	82.2	1.6	1/4	0.0	154.1	16.9	18.6	1/4	1.6			66.6	111.0	1.2	1/4	0.0	155.2	50.0	6.3	1/4	0.2						
	450	85.7	48.3	3.6	1/4	0.1				85.6	77.4	2.2	1/4	0.0								85.7	106.3	1.6	1/4	0.0	199.0	38.8	10.5	1/4	0.6						
	550	104.7	44.1	4.8	1/4	0.2				104.7	73.1	2.9	1/4	0.1								104.7	102.1	2.1	1/4	0.0	243.0	28.8	17.3	1/4	1.4						
50	250	31.8	61.0	1.1	1/4	0.0				31.8	88.8	0.7	1/4	0.0	95.0	33.5	5.8	1/4	0.2			31.7	116.4	0.6	1/4	0.0	95.0	67.2	2.9	1/4	0.1						
	350	44.5	57.1	1.6	1/4	0.0				44.5	85.1	1.1	1/4	0.0	132.6	22.5	12.0	1/4	0.8			44.5	112.9	0.8	1/4	0.0	133.1	55.5	4.9	1/4	0.2						
	450	57.2	53.8	2.1	1/4	0.1				57.2	81.8	1.4	1/4	0.0	169.1	14.0	24.6	1/4	2.6			57.2	109.8	1.1	1/4	0.0	171.1	45.7	7.7	1/4	0.3						
	550	69.9	50.8	2.8	1/4	0.1				69.9	78.9	1.8	1/4	0.0								69.9	107.0	1.3	1/4	0.0	208.4	37.1	11.5	1/4	0.7						
60	250	16.0	61.9	0.5	1/4	0.0				16.0	88.4	0.4	1/4	0.0	79.2	37.7	4.3	1/4	0.1			16.0	114.8	0.3	1/4	0.0	79.2	70.4	2.3	1/4	0.0						
	350	22.4	59.9	0.8	1/4	0.0				22.4	86.6	0.5	1/4	0.0	111.0	28.1	8.0	1/4	0.4			22.3	113.2	0.4	1/4	0.0	111.0	60.7	3.7	1/4	0.1						
	450	28.8	58.2	1.0	1/4	0.0				28.8	85.0	0.7	1/4	0.0	141.7	20.6	14.0	1/4	1.0			28.7	111.6	0.5	1/4	0.0	142.6	52.4	5.6	1/4	0.2						
	550	35.1	56.6	1.3	1/4	0.0				35.1	83.5	0.9	1/4	0.0	172.1	14.3	24.4	1/4	2.5			35.1	110.3	0.6	1/4	0.0	174.3	45.0	7.9	1/4	0.4						
70	250					62.4	9.2	13.7	1/4	1.0					63.4	41.5	3.1	1/4	0.1							63.4	73.0	1.8	1/4	0.0							
350															88.8	33.8	5.3	1/4	0.2						88.8	65.4	2.8	1/4	0.1								
450															114.2	27.1	8.6	1/4	0.4						114.2	58.8	4.0	1/4	0.1								
550															138.5	22.0	12.8	1/4	0.8						138.5	52.9	5.4	1/4	0.2								
4 ROW, 14 FPI COIL, NO GLYCOL																																					
EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT											
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD						
40	250	47.6	69.4	1.4	1/4	0.0	110.8	25.6	8.8	1/4	0.5	47.6	97.3	1.0	1/4	0.0	110.8	61.0	3.7	1/4	0.1	47.6	124.9	0.8	1/4	0.0	110.8	93.2	2.4	1/4	0.1						
	350	66.6	66.6	2.0	1/4	0.0	154.7	21.1	14.8	1/4	1.1	66.6	94.4	1.4	1/4	0.0	155.2	55.5	5.7	1/4	0.2	66.7	122.1	1.1	1/4	0.0	155.2	87.6	3.6	1/4	0.1						
	450	85.7	64.3	2.7	1/4	0.1	198.5	17.5	22.9	1/4	2.4	85.7	92.1	1.9	1/4	0.0	199.5	51.1	7.9	1/4	0.4	85.6	119.8	1.5	1/4	0.0	199.5	83.0	4.9	1/4	0.2						
	550	104.7	62.4	3.4	1/4	0.1	241.9	14.5	33.7	1/4	4.6	104.7	90.1	2.4	1/4	0.1	243.3	47.5	10.4	1/4	0.6	104.6	117.8	1.8	1/4	0.0	243.8	79.1	6.3	1/4	0.2						
50	250	31.8	67.3	1.0	1/4	0.0	95.0	26.2	7.3	1/4	0.3	31.8	94.3	0.7	1/4	0.0	95.0	60.4	3.2	1/4	0.1	31.8	121.1	0.5	1/4	0.0	95.0	91.8	2.1	1/4	0.0						
	350	44.5	65.3	1.4	1/4	0.0	132.7	22.2	12.1	1/4	0.8	44.5	92.3	1.0	1/4	0.0	133.1	55.6	4.9	1/4	0.2	44.5	119.2	0.8	1/4	0.0	133.1	86.9	3.1	1/4	0.1						
	450	57.2	63.6	1.8	1/4	0.0	170.3	18.9	18.2	1/4	1.6	57.2	90.6	1.3	1/4	0.0	171.1	51.8	6.7	1/4	0.3	57.2	117.6	1.0	1/4	0.0	171.1	82.9	4.2	1/4	0.1						
	550	69.9	62.2	2.3	1/4	0.0	207.7	16.2	26.0	1/4	2.9	69.9	89.2	1.6	1/4	0.0	209.1	48.4	8.8	1/4	0.4	69.9	116.2	1.2	1/4	0.0	209.1	79.5	5.4	1/4	0.2						
60	250	16.0	64.4	0.5	1/4	0.0	79.2	26.6	6.0	1/4	0.2	16.0	90.4	0.4	1/4	0.0	79.2	59.5	2.7	1/4	0.1	16.0	116.4	0.3	1/4	0.0	79.2	90.0	1.8	1/4	0.0						
	350	22.4	63.2	0.7	1/4	0.0	110.9	22.9	9.8	1/4	0.6	22.4	89.3	0.5	1/4	0.0	110.9	55.5	4.1	1/4	0.1	22.4	115.4	0.4	1/4	0.0	110.9	85.9	2.6	1/4	0.1						
	450	28.7	62.2	0.9	1/4	0.0	142.0	20.2	14.2	1/4	1.0	28.7	88.4	0.7	1/4	0.0	142.6	52.1	5.5	1/4	0.2	28.7	114.5	0.5	1/4	0.0	142.6	82.5	3.5	1/4	0.1						
	550	35.1	61.4	1.2	1/4	0.0	173.2	17.8	19.7	1/4	1.8	35.1	87.6	0.8	1/4	0.0	174.3	49.3	7.2	1/4	0.3	35.1	113.8	0.6	1/4	0.0	174.3	79.5	4.5	1/4	0.1						
70	250						63.4	26.7	4.8	1/4	0.2					63.4	56.3	2.2	1/4	0.0						63.4	87.8	1.5	1/4	0.0							
	350						88.8	23.6	7.6	1/4	0.4					88.8	55.0	3.3	1/4	0.1					88.8	84.5	2.1	1/4	0.0								
	450						113.6	21.4	10.7	1/4	0.6					114.1	52.3	4.4	1/4	0.1					114.1	81.7	2.8	1/4	0.1								
	550						138.7	19.3	14.5	1/4	1.1					139.5	49.9	5.7	1/4	0.2					139.5	79.3	3.6	1/4	0.1								



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

4 Row Coil for Cabinet C Sizes

EAT	Face Vel	4 ROW, 8 FPI COIL, 30% PEG																												
		130 DEG EWT				155 DEG EWT				180 DEG EWT																				
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT													
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD						
10	250	95.0	47.0	4.2	1/4	0.3				95.0	85.2	2.3	1/4	0.1	157.3	17.2	19.1	1/2	2.7	95.0	121.6	1.6	1/4	0.1	158.3	49.8	6.7	1/4	0.7	
	350	133.1	33.8	8.3	1/2	0.7				133.0	65.4	4.3	1/4	0.3						133.1	100.6	2.8	1/4	0.2	221.3	35.0	13.2	1/2	1.3	
	450	170.6	29.0	12.3	1/2	1.3				171.1	54.4	6.6	1/4	0.8						171.1	85.3	4.2	1/4	0.3	282.5	19.1	30.9	1/2	5.9	
20	550	208.4	23.0	19.0	1/2	2.9				209.0	50.0	8.8	1/2	0.7						209.1	76.4	5.7	1/4	0.6						
	250	79.2	54.2	3.1	1/4	0.6				79.2	91.7	1.8	1/4	0.1	142.1	21.5	13.9	1/2	1.5	79.2	126.2	1.3	1/4	0.1	142.4	52.0	5.7	1/4	0.6	
	350	111.0	39.1	6.0	1/4	0.6				110.9	73.8	3.2	1/4	0.2						110.9	109.2	2.1	1/4	0.1	199.1	40.7	10.2	1/2	0.8	
30	450	142.6	32.4	9.2	1/2	0.8				142.6	61.1	4.9	1/4	0.4						142.6	94.4	3.2	1/4	0.2	255.3	26.1	20.4	1/2	2.8	
	550	173.7	29.0	12.5	1/2	1.4				174.2	53.8	6.8	1/4	0.8						174.3	83.7	4.4	1/4	0.3						
	250	83.4	61.5	2.2	1/4	0.2				83.4	96.9	1.4	1/4	0.1	126.4	25.5	10.4	1/2	0.9	83.4	129.3	1.0	1/4	0.1	126.6	54.8	4.8	1/4	0.4	
40	350	88.8	47.2	4.0	1/4	0.3				88.8	82.9	2.2	1/4	0.1	175.2	12.5	29.2	1/2	5.7	88.8	116.7	1.6	1/4	0.1	227.5	34.1	14.0	1/2	1.4	
	550	114.1	37.7	6.3	1/4	0.7				114.1	70.7	3.4	1/4	0.2						114.1	104.8	2.3	1/4	0.1	227.5	34.1	14.0	1/2	1.4	
	250	47.6	67.4	1.5	1/4	0.1				47.6	99.9	1.0	1/4	0.1	110.8	28.4	8.2	1/2	0.6	47.6	129.8	0.8	1/4	0.0	110.8	59.1	3.9	1/4	0.3	
50	350	66.6	56.6	2.5	1/4	0.1				66.6	90.7	1.5	1/4	0.1	154.3	18.3	17.7	1/2	2.3	66.6	122.2	1.1	1/4	0.1	155.2	48.9	6.7	1/4	0.7	
	450	85.7	47.3	3.8	1/4	0.3				85.7	81.6	2.2	1/4	0.1						85.6	114.1	1.6	1/4	0.1	199.0	41.0	10.2	1/2	0.8	
	550	104.7	40.2	5.5	1/4	0.5				104.7	73.2	3.0	1/4	0.2						104.7	106.1	2.1	1/4	0.1	243.1	31.2	16.3	1/2	1.9	

EAT	Face Vel	4 ROW, 14 FPI COIL, 30% PEG																											
		130 DEG EWT				155 DEG EWT				180 DEG EWT																			
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT												
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD					
10	250	95.0	79.6	2.5	1/4	0.2				95.0	114.8	1.7	1/4	0.1	158.3	54.9	6.0	1/4	0.6	95.0	147.3	1.4	1/4	0.1	158.3	91.1	3.6	1/4	0.2
	350	133.1	66.6	4.2	1/4	0.4				133.1	101.9	2.7	1/4	0.2	221.6	52.0	8.9	1/2	0.7	133.1	135.4	2.1	1/4	0.1	221.6	80.8	5.7	1/4	0.6
	450	171.1	57.9	6.2	1/4	0.7				171.0	91.2	3.9	1/4	0.3	284.5	49.8	12.0	1/2	1.2	171.0	124.5	2.9	1/4	0.2	284.9	79.2	7.5	1/2	0.5
20	550	208.9	53.3	8.2	1/2	0.7				209.1	83.4	5.3	1/4	0.5	347.6	46.4	15.7	1/2	2.0	209.0	115.5	3.8	1/4	0.3	348.2	77.6	9.4	1/2	0.8
	250	79.2	80.7	2.1	1/4	0.2				79.2	114.2	1.5	1/4	0.1	142.5	55.3	5.4	1/4	0.5	79.2	145.0	1.2	1/4	0.1	142.4	92.2	3.2	1/4	0.2
	350	110.9	69.6	3.4	1/4	0.2				110.9	103.9	2.2	1/4	0.2	199.5	51.4	8.1	1/2	0.6	110.9	136.0	1.7	1/4	0.1	199.5	80.9	5.2	1/4	0.5
30	450	142.6	60.9	4.9	1/4	0.5				142.6	94.5	3.2	1/4	0.2	256.0	49.9	10.8	1/2	1.0	142.5	127.1	2.4	1/4	0.1	256.5	78.1	6.9	1/4	0.8
	550	174.2	55.1	6.6	1/4	0.8				174.3	86.8	4.2	1/4	0.3	312.8	47.3	13.9	1/2	1.6	174.3	118.9	3.1	1/4	0.2	313.4	77.1	8.5	1/2	0.6
	250	63.4	80.9	1.7	1/4	0.1				63.3	112.3	1.2	1/4	0.1	126.6	56.1	4.7	1/4	0.4	63.4	141.5	0.9	1/4	0.1	126.7	93.3	2.8	1/4	0.2
40	350	88.8	72.2	2.6	1/4	0.2				88.8	104.9	1.8	1/4	0.1	177.3	50.5	7.4	1/2	0.5	88.7	135.3	1.4	1/4	0.1	177.3	81.4	4.6	1/4	0.4
	450	114.1	64.5	3.7	1/4	0.3				114.1	97.5	2.5	1/4	0.1	228.0	49.5	9.6	1/2	0.8	114.1	128.8	1.9	1/4	0.1	227.9	76.6	6.2	1/4	0.7
	550	139.4	58.4	5.0	1/4	0.5				139.5	90.8	3.2	1/4	0.2	278.0	47.8	12.2	1/2	1.2	139.5	122.4	2.4	1/4	0.1	278.6	76.3	7.6	1/2	0.5
50	250	47.6	79.6	1.3	1/4	0.1				47.5	108.9	0.9	1/4	0.1	110.8	57.1	4.1	1/4	0.3	47.6	136.3	0.7	1/4	0.0	110.8	94.3	2.5	1/4	0.1
	350	66.6	73.8	1.9	1/4	0.2				66.6	104.3	1.3	1/4	0.1	155.2	50.1	6.5	1/4	0.7	66.6	132.8	1.1	1/4	0.1	155.2	82.2	4.0	1/4	0.3
	450	85.7	68.1	2.6	1/4	0.2				85.7	99.5	1.8	1/4	0.1	199.5	48.9	8.5	1/2	0.7	85.6	128.9	1.4	1/4	0.1	199.5	76.4	5.5	1/4	0.5
550	104.6	62.9	3.5	1/4	0.3				104.7	94.6	2.3	1/4	0.1	243.3	47.9	10.6	1/2	1.0	104.7	124.7	1.8	1/4	0.1	243.8	75.0	6.8	1/4	0.8	

4 Row Coil for Cabinet C Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT															
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT											
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD					
-20	250	142.2	24.6	12.9	1/2	1.7					142.5	55.2	5.8	1/4	0.6							142.4	92.2	3.4	1/4	0.3															
	350	199.1	17.2	25.9	1/2	5.8					199.1	39.7	11.5	1/2	1.3							199.5	65.8	6.7	1/4	0.8															
	450										256.0	32.7	17.4	1/2	2.7							256.1	56.0	10.1	1/2	1.0															
	550										312.8	24.5	28.4	1/2	6.3							312.9	50.4	13.8	1/2	1.7															
	550	126.4	28.3	10.0	1/2	1.0					126.6	62.5	4.5	1/4	0.4							126.6	100.3	2.8	1/4	0.2							189.6	34.6	12.1	1/2	1.3				
-10	250	177.0	20.2	19.6	1/2	3.5				177.3	42.3	9.3	1/2	0.9							177.4	72.7	5.4	1/4	0.5								263.7	18.2	32.0	1/2	7.1				
	350	227.2	13.3	38.1	1/2	11.5				227.6	36.1	14.0	1/2	1.8							227.9	59.1	8.6	1/2	0.7																
	450									278.1	30.4	20.4	1/2	3.5							278.1	54.3	11.4	1/2	1.2																
	550									110.8	70.6	3.5	1/4	0.3							110.8	108.0	2.3	1/4	0.2									173.8	37.0	10.4	1/2	1.0			
	550	154.8	22.5	15.4	1/2	2.3				155.2	48.2	7.2	1/2	0.5							155.2	81.6	4.2	1/4	0.4								243.0	23.3	23.0	1/2	4.0				
0	250	198.0	17.9	24.9	1/2	5.4				199.0	38.7	11.4	1/2	1.3							199.5	65.1	6.8	1/4	0.8																
	350	242.3	11.8	45.9	3/4	14.3				243.3	34.9	15.5	1/2	2.2							243.9	57.0	9.5	1/2	0.9																
	450									95.0	78.7	2.7	1/4	0.3							95.0	115.1	1.8	1/4	0.2								158.3	38.8	9.0	1/2	0.8				
	550									133.1	56.6	5.2	1/4	0.5							133.0	91.8	3.2	1/4	0.2								221.2	28.3	17.3	1/2	2.4				
	550	137.7	26.0	11.4	1/2	1.3				171.1	43.5	8.8	1/2	0.8							171.0	73.8	5.2	1/4	0.5							282.2	15.5	40.3	1/2	10.7					
10	250	208.4	17.3	26.9	1/2	6.2				208.5	38.2	12.2	1/2	1.4							209.0	62.8	7.4	1/2	1.2																
	350																																								
	450																																								
	550																																								
	550	126.6	68.1	4.2	1/4	0.7				189.4	16.6	25.6	1/2	5.7							177.4	86.2	4.6	1/4	0.5																
-10	250	177.4	51.1	7.8	1/2	0.7				228.0	72.2	7.1	1/2	0.9						278.6	64.3	9.7	1/2	0.6																	
	350																																								
	450																																								
	550																																								
	550	227.5	42.6	12.0	1/2	1.5				173.7	16.9	23.0	1/2	4.7						173.7	16.9	23.0	1/2	4.7																	
0	250	110.8	71.1	3.5	1/4	0.6				155.2	90.3	3.9	1/4	0.4						199.6	76.4	5.8	1/4	0.7																	
	350																																								
	450																																								
	550																																								
	550	243.3	40.0	13.6	1/2	1.9				243.8	67.2	8.1	1/2	0.7						243.8	67.2	8.1	1/2	0.7																	
10	250	95.0	73.7	2.9	1/4	0.5				158.0	17.1	20.6	1/2	3.9					95.0	109.1	2.0	1/4	0.3																		
	350																																								
	450																																								
	550																																								
	550	133.0	59.0	5.1	1/4	0.6				220.6	14.1	34.9	1/2	9.9					133.1	94.2	3.2	1/4	0.4																		
10	250	171.1	48.2	8.0	1/2	0.7				171.0	81.4	4.7	1/4	0.5					171.0	81.4	4.7	1/4	0.5																		
	350																																								
	450																																								
	550																																								
	550	208.5	42.1	11.1	1/2	1.3				209.0	71.4	6.5	1/4	0.8					209.0	71.4	6.5	1/4	0.8																		



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet D Sizes

2 ROW, 8 FPI COIL, NO GLYCOL																					
EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT							
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT				
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD
40	250	79.8	31.5	5.1	1/4	0.1	79.8	59.6	2.7	1/4	0.0	79.8	88.1	1.8	1/4	0.0	79.8	88.1	1.8	1/4	0.0
	350	111.4	22.5	10.0	1/4	0.4	111.8	49.9	4.6	1/4	0.1	111.7	78.4	2.9	1/4	0.0	111.7	78.4	2.9	1/4	0.0
	450	142.1	15.5	18.5	1/4	1.1	143.7	41.6	7.0	1/4	0.2	143.6	69.8	4.2	1/4	0.1	143.6	69.8	4.2	1/4	0.1
	550	171.9	9.8	35.4	1/4	3.5	174.5	34.7	10.2	1/4	0.4	175.6	62.2	5.8	1/4	0.1	175.6	62.2	5.8	1/4	0.1
	550	53.3	41.7	2.6	1/4	0.0	53.3	69.3	1.6	1/4	0.0	53.3	97.3	1.1	1/4	0.0	53.3	97.3	1.1	1/4	0.0
50	350	74.6	35.2	4.3	1/4	0.1	74.6	62.6	2.4	1/4	0.0	74.6	90.5	1.7	1/4	0.0	74.6	90.5	1.7	1/4	0.0
	450	95.9	29.7	6.5	1/4	0.2	96.0	56.9	3.4	1/4	0.1	96.0	84.7	2.3	1/4	0.0	96.0	84.7	2.3	1/4	0.0
	550	117.3	24.9	9.5	1/4	0.4	117.3	51.7	4.6	1/4	0.1	117.2	79.5	3.0	1/4	0.1	117.2	79.5	3.0	1/4	0.1
	250	26.8	51.4	1.1	1/4	0.0	26.8	78.2	0.7	1/4	0.0	26.8	105.1	0.5	1/4	0.0	26.8	105.1	0.5	1/4	0.0
	350	37.5	47.8	1.6	1/4	0.0	37.5	74.6	1.0	1/4	0.0	37.5	101.6	0.8	1/4	0.0	37.5	101.6	0.8	1/4	0.0
60	450	48.2	44.8	2.2	1/4	0.0	48.2	71.5	1.4	1/4	0.0	48.2	98.6	1.0	1/4	0.0	48.2	98.6	1.0	1/4	0.0
	550	58.9	42.1	2.8	1/4	0.0	58.9	68.7	1.7	1/4	0.0	58.9	95.8	1.3	1/4	0.0	58.9	95.8	1.3	1/4	0.0
	250											103.7	8.3	25.4	1/4	1.9					
	350																106.5	35.2	6.2	1/4	0.2
	450																147.6	23.2	13.0	1/4	0.6
550																187.5	13.7	28.1	1/4	2.2	
2 ROW, 14 FPI COIL, NO GLYCOL																					
EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT							
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT				
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD
40	250	79.8	53.4	3.0	1/4	0.1	79.8	80.6	2.0	1/4	0.0	79.8	108.1	1.5	1/4	0.0	79.8	108.1	1.5	1/4	0.0
	350	111.7	48.2	4.7	1/4	0.1	111.7	75.2	3.0	1/4	0.1	111.7	102.6	2.2	1/4	0.0	111.7	102.6	2.2	1/4	0.0
	450	143.7	43.8	6.6	1/4	0.2	143.6	70.5	4.1	1/4	0.1	143.6	97.8	3.0	1/4	0.1	143.7	97.8	3.0	1/4	0.1
	550	175.6	39.9	8.9	1/4	0.3	175.6	66.3	5.4	1/4	0.1	175.6	93.5	3.8	1/4	0.1	175.6	93.5	3.8	1/4	0.1
	250	53.3	55.6	1.9	1/4	0.0	53.3	82.4	1.3	1/4	0.0	53.3	109.3	1.0	1/4	0.0	53.3	109.3	1.0	1/4	0.0
50	350	74.6	51.9	2.9	1/4	0.1	74.6	78.4	1.9	1/4	0.0	74.6	105.4	1.4	1/4	0.0	74.6	105.4	1.4	1/4	0.0
	450	95.9	48.6	4.0	1/4	0.1	95.9	75.1	2.6	1/4	0.0	95.9	102.0	1.9	1/4	0.0	95.9	102.0	1.9	1/4	0.0
	550	117.3	45.8	5.2	1/4	0.1	117.2	72.1	3.3	1/4	0.1	117.2	98.9	2.4	1/4	0.0	117.3	98.9	2.4	1/4	0.0
	250	26.8	57.6	0.9	1/4	0.0	26.8	83.8	0.7	1/4	0.0	26.8	110.1	0.5	1/4	0.0	26.8	110.1	0.5	1/4	0.0
	350	37.5	55.4	1.4	1/4	0.0	37.5	81.5	0.9	1/4	0.0	37.5	107.8	0.7	1/4	0.0	37.5	107.8	0.7	1/4	0.0
60	450	48.2	53.5	1.8	1/4	0.0	48.2	79.5	1.2	1/4	0.0	48.2	105.9	0.9	1/4	0.0	48.2	105.9	0.9	1/4	0.0
	550	58.9	51.8	2.3	1/4	0.0	58.9	77.8	1.5	1/4	0.0	58.9	104.1	1.2	1/4	0.0	58.9	104.1	1.2	1/4	0.0
	250											106.3	38.5	5.6	1/4	0.1					
	350											148.9	31.9	9.5	1/4	0.4					
	450											190.5	26.5	14.6	1/4	0.7					
550											232.4	21.6	21.9	1/4	1.5						

2 Row Coil for Cabinet D Sizes

EAT		2 ROW, 8 FPI COIL, 30% PEG												2 ROW, 14 FPI COIL, 30% PEG																																
		130 DEG EWT						155 DEG EWT						180 DEG EWT						130 DEG EWT						155 DEG EWT						180 DEG EWT														
		Face Vel	MBH	WTD	GPM	CIRC	WPD	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT	Face Vel	MBH	WTD	GPM	CIRC	WPD	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT	Face Vel	MBH	WTD	GPM	CIRC	WPD	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT	70 DEG LAT	110 DEG LAT									
10	250	159.9	28.8	11.6	1/2	1.0	159.9	28.8	11.6	1/2	1.0	159.9	28.8	11.6	1/2	1.0	223.1	55.7	8.4	1/2	0.6	223.1	55.7	8.4	1/2	0.6	223.1	55.7	8.4	1/2	0.6	223.1	55.7	8.4	1/2	0.6	223.1	55.7	8.4	1/2	0.6	223.1	55.7	8.4	1/2	0.6
	350	222.5	34.5	13.5	1/2	1.4	222.5	34.5	13.5	1/2	1.4	222.5	34.5	13.5	1/2	1.4	286.1	53.8	11.1	1/2	0.9	286.1	53.8	11.1	1/2	0.9	286.1	53.8	11.1	1/2	0.9	286.1	53.8	11.1	1/2	0.9	286.1	53.8	11.1	1/2	0.9	286.1	53.8	11.1	1/2	0.9
	450	286.0	30.2	19.9	1/2	2.8	286.0	30.2	19.9	1/2	2.8	286.0	30.2	19.9	1/2	2.8	349.8	50.0	14.6	1/2	1.5	349.8	50.0	14.6	1/2	1.5	349.8	50.0	14.6	1/2	1.5	349.8	50.0	14.6	1/2	1.5	349.8	50.0	14.6	1/2	1.5	349.8	50.0	14.6	1/2	1.5
	550	349.6	23.9	30.7	1/2	5.9	349.6	23.9	30.7	1/2	5.9	349.6	23.9	30.7	1/2	5.9	432.8	46.2	18.1	1/2	2.1	432.8	46.2	18.1	1/2	2.1	432.8	46.2	18.1	1/2	2.1	432.8	46.2	18.1	1/2	2.1	432.8	46.2	18.1	1/2	2.1	432.8	46.2	18.1	1/2	2.1
20	250	132.0	12.4	22.3	1/2	3.3	132.9	34.8	8.0	1/2	0.5	132.9	34.8	8.0	1/2	0.5	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6
	350	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	185.3	25.5	15.2	1/2	1.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6
	450	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	236.6	13.4	37.1	1/2	7.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6
	550	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	350.7	19.1	51.7	1/2	0.7	350.7	19.1	51.7	1/2	0.7	350.7	19.1	51.7	1/2	0.7	350.7	19.1	51.7	1/2	0.7	350.7	19.1	51.7	1/2	0.7	350.7	19.1	51.7	1/2	0.7
30	250	105.9	19.7	11.3	1/2	1.0	106.4	40.4	5.5	1/4	0.4	106.4	40.4	5.5	1/4	0.4	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6
	350	147.2	11.5	26.8	1/2	4.6	148.9	34.4	9.1	1/2	0.6	148.9	34.4	9.1	1/2	0.6	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4
	450	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	190.5	28.0	14.3	1/2	1.4	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9
	550	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	232.0	19.1	25.5	1/2	3.9	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6	291.1	28.9	21.1	1/2	2.6
40	250	79.8	24.9	6.7	1/4	0.6	79.8	24.9	6.7	1/4	0.6	79.8	24.9	6.7	1/4	0.6	111.8	41.0	5.7	1/4	0.4	111.8	41.0	5.7	1/4	0.4	111.8	41.0	5.7	1/4	0.4	111.8	41.0	5.7	1/4	0.4	111.8	41.0	5.7	1/4	0.4	111.8	41.0	5.7	1/4	0.4
	350	111.8	20.8	11.2	1/2	1.0	111.8	20.8	11.2	1/2	1.0	111.8	20.8	11.2	1/2	1.0	143.6	37.2	8.1	1/2	0.5	143.6	37.2	8.1	1/2	0.5	143.6	37.2	8.1	1/2	0.5	143.6	37.2	8.1	1/2	0.5	143.6	37.2	8.1	1/2	0.5	143.6	37.2	8.1	1/2	0.5
	450	143.6	16.0	18.7	1/2	2.4	143.6	16.0	18.7	1/2	2.4	143.6	16.0	18.7	1/2	2.4	174.5	34.1	10.7	1/2	0.9	174.5	34.1	10.7	1/2	0.9	174.5	34.1	10.7	1/2	0.9	174.5	34.1	10.7	1/2	0.9	174.5	34.1	10.7	1/2	0.9	174.5	34.1	10.7	1/2	0.9
	550	174.5	10.3	34.8	1/2	7.3	174.5	10.3	34.8	1/2	7.3	174.5	10.3	34.8	1/2	7.3	217.5	56.0	6.6	1/4	0.6	217.5	56.0	6.6	1/4	0.6	217.5	56.0	6.6	1/4	0.6	217.5	56.0	6.6	1/4	0.6	217.5	56.0	6.6	1/4	0.6	217.5	56.0	6.6	1/4	0.6



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet D Sizes

Face EAT	Vel	2 ROW, 8 FPI COIL, 50% PEG																								
		130 DEG EWT				155 DEG EWT				180 DEG EWT																
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD		
-20	250														238.5	22.2	23.8	1/2	3.7							
	350																									
	450																									
-10	250														212.0	30.2	15.6	1/2	1.7							
	350														294.1	12.1	53.9	Full	14.8							
	450																									
0	250														185.5	35.8	11.5	1/2	1.0							
	350														259.6	22.5	25.6	1/2	4.2							
	450																									
10	250														159.4	38.4	9.0	1/2	0.7							
	350														222.5	32.4	15.2	1/2	1.7							
	450														285.5	20.3	31.1	1/2	5.9							
-20	250														238.6	42.4	12.5	1/2	1.3							
	350														334.0	39.9	18.6	1/2	2.7							
	450														429.3	34.3	27.9	1/2	5.4							
-10	250														212.0	43.0	11.0	1/2	1.0							
	350														296.9	40.8	16.2	1/2	2.1							
	450														381.6	37.1	22.9	1/2	3.8							
0	250														185.5	25.7	16.1	1/2	2.2							
	350														259.7	23.7	24.5	1/2	4.7							
	450														333.8	19.4	38.5	1/2	10.3							
10	250														158.9	26.6	13.4	1/2	1.6							
	350														222.5	24.6	20.2	1/2	3.3							
	450														286.1	22.1	28.9	1/2	6.2							

4 Row Coil for Cabinet D Sizes

4 ROW, 8 FPI COIL, NO GLYCOL																															
EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT																	
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT														
		MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD						
40	250	79.8	67.1	2.4	1/4	0.1	79.8	97.1	1.7	1/4	0.0	185.4	35.7	10.6	1/4	0.8	79.8	126.0	1.3	1/4	0.0	185.9	74.0	5.1	1/4	0.2					
	350	111.7	61.5	3.7	1/4	0.1	111.7	92.1	2.5	1/4	0.1	258.3	21.2	24.8	1/4	3.6	111.7	121.5	1.9	1/4	0.0	260.3	59.2	9.0	1/4	0.6					
	450	143.7	56.5	5.1	1/4	0.3	143.6	87.5	3.3	1/4	0.1						143.6	117.4	2.5	1/4	0.1	337.7	46.6	14.6	1/4	1.4					
	550	175.6	52.0	6.8	1/4	0.4	175.6	83.3	4.3	1/4	0.2						175.6	113.5	3.1	1/4	0.1	407.4	35.1	23.7	1/4	3.3					
	250	53.3	67.7	1.6	1/4	0.0	53.3	96.0	1.1	1/4	0.0	159.4	40.3	8.0	1/4	0.5	53.3	123.4	0.9	1/4	0.0	159.4	77.4	4.2	1/4	0.2					
50	350	74.6	64.3	2.3	1/4	0.1	74.6	93.0	1.6	1/4	0.0	222.1	27.8	16.3	1/4	1.8	74.6	120.8	1.3	1/4	0.0	223.1	65.0	7.0	1/4	0.4					
	450	95.9	61.2	3.2	1/4	0.1	95.9	90.3	2.2	1/4	0.1	283.6	17.6	32.8	1/4	5.9	95.9	118.5	1.6	1/4	0.0	286.0	54.4	10.7	1/4	0.8					
	550	117.3	58.3	4.1	1/4	0.2	117.3	87.7	2.7	1/4	0.1						117.2	116.2	2.0	1/4	0.1	349.6	44.5	16.0	1/4	1.7					
	250	26.8	66.1	0.8	1/4	0.0	26.8	92.5	0.6	1/4	0.0	132.9	44.7	6.0	1/4	0.3	26.8	118.3	0.5	1/4	0.0	132.8	80.1	3.4	1/4	0.1					
	350	37.5	64.7	1.2	1/4	0.0	37.5	91.4	0.8	1/4	0.0	185.3	34.3	11.0	1/4	0.9	37.5	117.5	0.7	1/4	0.0	186.0	70.1	5.4	1/4	0.3					
60	450	48.2	63.5	1.5	1/4	0.0	48.2	90.4	1.1	1/4	0.0	237.6	25.4	19.1	1/4	2.3	48.2	116.7	0.8	1/4	0.0	239.1	61.3	8.0	1/4	0.5					
	550	58.9	62.2	1.9	1/4	0.1	58.9	89.4	1.3	1/4	0.0	288.6	17.9	32.8	1/4	5.9	58.9	115.9	1.0	1/4	0.0	291.2	53.6	11.1	1/4	0.9					
	250						104.5	11.7	18.0	1/4	2.2						106.4	48.4	4.5	1/4	0.2	106.3	81.9	2.6	1/4	0.1					
	350											148.8	40.1	7.5	1/4	0.5	148.8	40.1	7.5	1/4	0.5	148.9	74.4	4.1	1/4	0.2					
	450											190.5	33.1	11.7	1/4	1.0	190.5	33.1	11.7	1/4	1.0	191.4	67.6	5.8	1/4	0.3					
550											232.2	26.8	17.6	1/4	2.0	232.2	26.8	17.6	1/4	2.0	233.9	61.4	7.8	1/4	0.5						
4 ROW, 14 FPI COIL, NO GLYCOL																															
EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT																	
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT														
		MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD						
40	250	79.8	77.7	2.1	1/4	0.1	185.4	32.6	11.5	1/4	1.0	79.8	105.8	1.5	1/4	0.0	185.9	71.9	5.2	1/4	0.3	79.8	133.1	1.2	1/4	0.0	185.9	106.1	3.6	1/4	0.1
	350	111.7	75.4	3.0	1/4	0.1	259.4	27.0	19.4	1/4	2.5	111.7	103.8	2.2	1/4	0.1	260.2	66.3	7.9	1/4	0.5	111.7	131.4	1.7	1/4	0.0	260.2	100.8	5.2	1/4	0.3
	450	143.7	73.4	3.9	1/4	0.2	332.8	22.6	29.7	1/4	5.2	143.7	102.0	2.8	1/4	0.1	333.8	61.9	10.9	1/4	0.9	143.6	129.8	2.2	1/4	0.1	334.6	96.3	7.1	1/4	0.4
	550	175.6	71.7	4.9	1/4	0.2	405.9	19.0	43.3	1/4	9.9	175.6	100.4	3.5	1/4	0.1	408.0	57.8	14.3	1/4	1.4	175.6	128.3	2.8	1/4	0.1	408.9	92.4	9.0	1/4	0.6
	250	53.3	73.5	1.5	1/4	0.0	159.4	32.6	9.9	1/4	0.8	53.3	100.4	1.1	1/4	0.0	159.4	70.6	4.6	1/4	0.2	53.3	126.8	0.9	1/4	0.0	159.3	103.5	3.1	1/4	0.1
50	350	74.6	72.1	2.1	1/4	0.1	222.5	28.1	16.0	1/4	1.8	74.6	99.2	1.5	1/4	0.0	223.1	65.8	6.9	1/4	0.4	74.6	125.8	1.2	1/4	0.0	223.2	99.0	4.6	1/4	0.2
	450	95.9	70.8	2.7	1/4	0.1	285.6	24.2	23.9	1/4	3.6	95.9	98.1	2.0	1/4	0.1	286.8	61.8	9.4	1/4	0.7	95.8	124.9	1.6	1/4	0.0	286.9	95.3	6.1	1/4	0.3
	550	117.2	69.7	3.4	1/4	0.1	348.5	20.9	33.8	1/4	6.4	117.3	97.1	2.4	1/4	0.1	349.6	58.5	12.1	1/4	1.1	117.2	124.0	1.9	1/4	0.1	350.6	91.9	7.7	1/4	0.5
	250	26.8	67.9	0.8	1/4	0.0	132.9	32.7	8.2	1/4	0.6	26.8	93.7	0.6	1/4	0.0	132.9	68.7	3.9	1/4	0.2	26.8	119.2	0.5	1/4	0.0	132.8	100.3	2.7	1/4	0.1
	350	37.5	67.3	1.1	1/4	0.0	185.3	28.9	13.0	1/4	1.2	37.5	93.2	0.8	1/4	0.0	186.0	64.8	5.8	1/4	0.3	37.5	118.8	0.6	1/4	0.0	186.0	96.7	3.9	1/4	0.2
60	450	48.2	66.8	1.5	1/4	0.0	238.1	25.5	18.9	1/4	2.4	48.2	92.8	1.1	1/4	0.0	239.1	61.5	7.9	1/4	0.5	48.2	118.5	0.8	1/4	0.0	239.2	93.7	5.2	1/4	0.3
	550	58.9	66.3	1.8	1/4	0.0	290.7	22.7	25.9	1/4	4.1	58.9	92.4	1.3	1/4	0.0	291.3	58.8	10.0	1/4	0.8	58.9	118.2	1.0	1/4	0.0	292.3	90.9	6.5	1/4	0.4
	250						106.4	32.4	6.6	1/4	0.4						106.4	66.4	3.2	1/4	0.1						106.3	96.6	2.2	1/4	0.1
	350						148.2	29.3	10.2	1/4	0.8						148.9	63.3	4.8	1/4	0.2						148.9	93.8	3.2	1/4	0.1
	450						190.5	26.6	14.5	1/4	1.5						191.4	60.7	6.4	1/4	0.4						191.4	91.5	4.3	1/4	0.2
550						232.7	24.3	19.4	1/4	2.5						234.0	58.4	8.1	1/4	0.5						234.0	89.4	5.3	1/4	0.3	

4 Row Coil for Cabinet D Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT																								
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT																				
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD														
10	250	159.4	49.7	6.7	1/2	0.7	159.4	85.9	3.9	1/4	0.4	263.5	21.3	25.9	1/2	6.8	159.4	121.7	2.7	1/4	0.2	265.5	60.3	9.2	1/2	1.1	223.1	70.5	6.6	1/2	0.6	223.0	103.7	4.5	1/4	0.6	371.0	41.7	18.6	1/2	3.6									
	350	222.5	41.8	11.2	1/2	1.7	223.1	70.5	6.6	1/2	0.6						286.8	65.0	9.2	1/2	1.2						286.9	60.8	12.1	1/2	1.9	350.7	89.8	8.2	1/2	0.9														
	450	286.0	36.1	16.6	1/2	3.4	349.7	60.8	9.2	1/2	1.2						132.8	91.8	3.0	1/4	0.3	238.1	26.5	18.8	1/2	3.9	186.0	76.2	5.1	1/4	0.7	239.1	67.4	7.4	1/2	0.8	292.3	64.5	9.5	1/2	1.2									
20	250	132.8	55.2	5.0	1/4	0.7	132.8	91.8	3.0	1/4	0.3						106.3	96.7	2.3	1/4	0.2	212.0	31.3	14.2	1/2	2.4	186.0	76.2	5.1	1/4	0.7	239.1	67.4	7.4	1/2	0.8	292.3	64.5	9.5	1/2	1.2									
	350	185.9	43.9	8.9	1/2	1.1	186.0	76.2	5.1	1/4	0.7						106.3	96.7	2.3	1/4	0.2	212.0	31.3	14.2	1/2	2.4	186.0	76.2	5.1	1/4	0.7	239.1	67.4	7.4	1/2	0.8	292.3	64.5	9.5	1/2	1.2									
	450	238.3	40.5	12.3	1/2	2.0	239.1	67.4	7.4	1/2	1.2						106.3	96.7	2.3	1/4	0.2	212.0	31.3	14.2	1/2	2.4	186.0	76.2	5.1	1/4	0.7	239.1	67.4	7.4	1/2	0.8	292.3	64.5	9.5	1/2	1.2									
30	250	106.3	61.6	3.6	1/4	0.4	106.3	96.7	2.3	1/4	0.2						148.9	83.5	3.7	1/4	0.4	293.7	15.8	39.0	1/2	14.1	191.3	73.6	5.5	1/4	0.8	234.0	67.4	7.3	1/2	0.8														
	350	148.9	49.3	6.3	1/2	0.6	148.9	83.5	3.7	1/4	0.4						191.3	73.6	5.5	1/4	0.8						191.3	73.6	5.5	1/4	0.8	234.0	67.4	7.3	1/2	0.8														
	450	191.4	42.7	9.4	1/2	1.3	191.3	73.6	5.5	1/4	0.8						79.8	99.8	1.7	1/4	0.2	185.4	35.3	11.0	1/2	1.5	111.7	90.7	2.6	1/4	0.4	258.4	22.3	24.3	1/2	6.1	143.6	114.2	2.6	1/4	0.4	333.7	49.1	6.1	1/2	0.6				
40	250	79.8	67.3	2.5	1/4	0.3	79.8	99.8	1.7	1/4	0.2						111.7	90.7	2.6	1/4	0.2	258.4	22.3	24.3	1/2	6.1	143.6	114.2	2.6	1/4	0.4	333.7	49.1	6.1	1/2	0.6	175.5	175.6	44.2	8.3	1/2	1.0								
	350	111.7	57.0	4.1	1/4	0.5	111.7	90.7	2.6	1/4	0.2						175.5	75.0	4.9	1/4	0.7						175.5	75.0	4.9	1/4	0.7																			
	450	143.7	49.1	6.1	1/2	0.6	143.6	114.2	2.6	1/4	0.4						175.5	75.0	4.9	1/4	0.7						175.5	75.0	4.9	1/4	0.7																			
10	250	159.4	79.8	4.2	1/4	0.5	265.0	30.7	18.1	1/2	4.0	265.0	65.1	8.5	1/2	1.0	265.0	114.7	2.9	1/4	0.3	285.4	65.1	8.5	1/2	1.0	223.1	103.0	4.5	1/4	0.6	371.1	64.1	12.1	1/2	1.9	223.0	135.9	3.4	1/4	0.3	371.6	95.4	8.2	1/2	0.9				
	350	223.1	69.1	6.8	1/2	0.7	369.8	24.3	31.9	1/2	10.8	223.1	103.0	4.5	1/4	0.6	371.1	64.1	12.1	1/2	1.9	223.0	135.9	3.4	1/4	0.3	286.7	95.1	6.3	1/2	0.9	476.9	61.1	16.3	1/2	3.2	286.7	127.1	4.7	1/4	0.6	477.2	94.9	10.5	1/2	1.4				
	450	286.9	63.8	9.4	1/2	1.3	426.5	20.4	43.7	Full	15.2	286.7	95.1	6.3	1/2	0.9	476.9	61.1	16.3	1/2	3.2	286.7	127.1	4.7	1/4	0.6	350.6	90.8	8.1	1/2	0.9	583.0	56.7	21.5	1/2	5.2	350.5	121.3	6.1	1/2	0.5	583.0	92.9	13.1	1/2	2.1				
20	250	132.9	80.6	3.5	1/4	0.4	238.5	31.0	16.1	1/2	3.2	238.5	63.4	7.9	1/2	0.9	239.0	114.0	2.5	1/4	0.2	239.0	63.4	7.9	1/2	0.9	186.0	70.7	5.5	1/4	0.9	333.3	25.7	27.2	1/2	8.1	186.0	104.2	3.7	1/4	0.4	333.9	63.3	11.1	1/2	1.6				
	350	186.0	70.7	5.5	1/4	0.9	333.3	25.7	27.2	1/2	8.1	186.0	104.2	3.7	1/4	0.4	333.9	63.3	11.1	1/2	1.6	185.9	136.1	2.9	1/4	0.3	239.1	96.5	5.2	1/4	0.8	426.5	20.4	43.7	Full	15.2	239.1	128.2	3.9	1/4	0.4	430.0	93.3	9.7	1/2	1.2				
	450	239.1	64.5	7.8	1/2	0.9	426.5	20.4	43.7	Full	15.2	239.1	96.5	5.2	1/4	0.8	426.5	20.4	43.7	Full	15.2	239.1	96.5	5.2	1/4	0.8	292.2	91.3	6.7	1/2	0.7	524.7	57.7	19.0	1/2	4.2	292.2	122.1	5.0	1/4	0.7	524.9	92.1	11.9	1/2	1.8				
30	250	106.3	80.8	2.8	1/4	0.3	212.0	31.0	14.4	1/2	2.6	212.0	62.4	7.1	1/2	0.7	212.4	62.4	7.1	1/2	0.7	212.4	62.4	7.1	1/2	0.7	148.9	104.9	3.0	1/4	0.3	296.7	62.1	10.0	1/2	1.3	148.8	135.3	2.3	1/4	0.2	297.4	90.8	6.9	1/2	0.7				
	350	148.9	72.5	4.3	1/4	0.6	296.6	26.9	23.1	1/2	6.1	148.9	104.9	3.0	1/4	0.3	296.7	62.1	10.0	1/2	1.3	296.7	62.1	10.0	1/2	1.3	191.3	60.7	13.2	1/2	2.2	191.3	129.1	3.1	1/4	0.3	382.2	91.5	8.8	1/2	1.0									
	450	191.3	66.1	6.1	1/2	0.9	380.0	21.8	36.5	1/2	13.7	191.3	60.7	13.2	1/2	2.2	381.5	60.7	13.2	1/2	2.2	381.5	60.7	13.2	1/2	2.2	233.9	92.8	5.3	1/4	0.8	466.4	58.3	16.8	1/2	3.3	233.9	123.6	4.0	1/4	0.4	466.3	91.0	10.7	1/2	1.5				
40	250	79.8	79.5	2.1	1/4	0.3	185.5	30.6	12.7	1/2	2.1	185.5	30.6	12.7	1/2	2.1	185.9	108.8	1.5	1/4	0.2	185.9	61.9	6.3	1/2	0.6	111.7	104.2	2.3	1/4	0.2	280.3	60.3	9.0	1/2	1.1	111.7	132.8	1.8	1/4	0.2	260.1	89.4	6.1	1/2	0.5				
	350	111.7	73.8	3.2	1/4	0.3	259.6	27.7	19.6	1/2	4.6	111.7	104.2	2.3	1/4	0.2	280.3	60.3	9.0	1/2	1.1	280.3	60.3	9.0	1/2	1.1	143.6	99.5	3.0	1/4	0.3	333.1	23.8	29.4	1/2	9.3	143.6	128.9	2.3	1/4	0.2	334.4	89.2	7.9	1/2	0.8				
	450	143.7	68.4	4.4	1/4	0.6	406.3	19.8	43.1	3/4	14.9	143.6	99.5	3.0	1/4	0.4	408.0	58.3	14.7	1/2	2.6	408.0	58.3	14.7	1/2	2.6	175.5	124.8	3.0	1/4	0.3	409.0	89.2	9.6	1/2	1.2														

4 Row Coil for Cabinet D Sizes

EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT												
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
		MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	
-20	250	238.6	30.8	17.3	1/2	4.3	238.9	59.1	9.0	1/2	1.2	238.9	94.0	5.7	1/4	0.9	344.6	40.1	19.0	1/2	4.3					
	350	333.9	22.7	32.9	1/2	13.3	333.8	49.0	15.2	1/2	3.2	334.5	74.5	10.0	1/2	1.4										
	450						429.3	41.8	22.9	1/2	6.5	429.4	69.6	13.7	1/2	2.5										
-10	250	212.0	32.8	14.5	1/2	3.1	212.4	64.5	7.4	1/2	0.8	212.4	100.8	4.7	1/4	0.7	318.1	43.8	16.1	1/2	3.2					
	350	296.7	26.5	25.0	1/2	8.2	296.7	50.6	13.1	1/2	2.5	297.4	79.0	8.4	1/2	1.0	442.3	23.4	41.8	3/4	13.9					
	450						381.5	46.0	18.5	1/2	4.5	381.7	71.9	11.8	1/2	1.9										
0	250	185.5	36.6	11.3	1/2	1.9	185.9	71.3	5.8	1/2	0.5	185.9	107.9	3.8	1/4	0.5	291.6	46.8	13.8	1/2	2.5					
	350	259.6	29.3	19.8	1/2	5.5	259.6	54.0	10.7	1/2	1.7	260.3	85.1	6.8	1/2	0.7	407.2	29.3	30.8	1/2	10.0					
	450	333.8	23.5	31.8	1/2	12.5	333.8	48.9	15.2	1/2	3.2	333.7	74.0	10.0	1/2	1.5										
10	250	159.4	41.9	8.5	1/2	1.1	159.4	78.7	4.5	1/4	0.6	263.6	17.7	33.1	1/2	12.1	159.4	114.8	3.1	1/4	0.4	265.0	49.2	12.0	1/2	1.9
	350	222.4	30.9	16.1	1/2	3.8	223.1	59.5	8.4	1/2	1.0	223.1	93.0	5.3	1/4	0.8	371.0	35.5	23.1	1/2	6.1					
	450	286.0	27.7	23.1	1/2	7.1	286.1	50.7	12.6	1/2	2.3	286.9	79.2	8.1	1/2	0.9										
550	349.6	22.6	34.5	1/2	14.5	349.8	48.3	16.1	1/2	3.6	349.8	72.8	10.7	1/2	1.6											
4 ROW, 14 FPI COIL, 50% PEG																										
EAT	Face Vel	130 DEG EWT						155 DEG EWT						180 DEG EWT												
		70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT									
		MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	MBH	WTD	GPM	CIRC	WPD	WPD	
-20	250	239.0	65.5	8.2	1/2	1.1	239.0	103.3	5.2	1/4	0.9	239.0	139.4	3.8	1/4	0.5	345.1	82.1	9.4	1/2	1.3					
	350	333.9	53.2	14.1	1/2	3.0	334.5	85.1	8.8	1/2	1.2	334.5	119.0	6.3	1/2	0.6	482.4	80.5	13.3	1/2	2.4					
	450	429.5	49.7	19.4	1/2	5.5	429.5	76.8	12.5	1/2	2.3	429.5	107.1	9.0	1/2	1.2	620.2	79.5	17.4	1/2	3.9					
-10	250	212.4	68.2	7.0	1/2	0.8	212.4	105.5	4.5	1/4	0.7	212.4	140.8	3.4	1/4	0.6	318.5	82.3	8.6	1/2	1.1					
	350	296.8	54.7	12.2	1/2	2.2	297.3	87.7	7.6	1/2	0.9	297.3	122.1	5.4	1/4	0.9	445.5	79.3	12.5	1/2	2.2					
	450	381.5	49.5	17.3	1/2	4.4	381.5	78.1	10.9	1/2	1.8	382.2	109.2	7.8	1/2	0.9	572.5	78.9	16.1	1/2	3.4					
0	250	185.9	70.9	5.9	1/2	0.6	186.0	107.4	3.9	1/4	0.8	186.0	141.6	2.9	1/4	0.5	292.0	82.7	7.9	1/2	0.9					
	350	259.7	57.0	10.2	1/2	1.6	260.2	90.9	6.4	1/2	0.7	260.2	125.0	4.7	1/4	0.7	408.2	77.9	11.7	1/2	1.9					
	450	333.9	50.3	14.9	1/2	3.3	334.6	80.0	9.4	1/2	1.3	334.6	112.1	6.7	1/2	0.7	524.8	78.1	14.9	1/2	3.0					
10	250	159.3	73.5	4.9	1/2	0.6	159.4	108.9	3.3	1/4	0.7	159.4	141.7	2.5	1/4	0.4	265.5	83.5	7.1	1/2	0.7					
	350	223.1	59.8	8.4	1/2	1.1	223.1	94.3	5.3	1/4	0.9	223.1	127.8	3.9	1/4	0.5	371.3	76.2	10.8	1/2	1.7					
	450	286.0	51.9	12.4	1/2	2.3	286.8	83.1	7.7	1/2	0.9	286.8	115.7	5.5	1/4	0.9	477.0	77.1	13.8	1/2	2.6					
550	349.6	48.2	16.3	1/2	3.9	349.7	76.3	10.2	1/2	1.6	349.7	106.7	7.3	1/2	0.8	583.2	76.4	17.0	1/2	3.7						

2 Row Coil for Cabinet E Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT											
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC	WPD	WTD	GPM	CIRC
40	250	95.7	33.8	5.7	1/4	0.2																															
	350	133.1	24.7	10.9	1/4	0.6																															
	450	170.4	16.9	20.4	1/4	1.6																															
	550	206.0	10.8	36.6	1/4	4.9																															
50	250	63.9	44.3	2.9	1/4	0.1																															
	350	89.4	37.7	4.8	1/4	0.1																															
	450	115.0	31.9	7.3	1/4	0.3																															
	550	139.2	27.4	10.3	1/4	0.5																															
60	250	32.1	53.9	1.2	1/4	0.0																															
	350	44.9	50.4	1.8	1/4	0.0																															
	450	57.8	47.3	2.5	1/4	0.0																															
	550	71.0	44.5	3.2	1/4	0.1																															
70	250																																				
	350																																				
	450																																				
40	250	95.7	84.7	2.3	1/4	0.0	222.3	32.5	13.9	1/4	0.8	95.6	112.8	1.7	1/4	0.0	222.9	63.8	7.1	1/4	0.3	95.7	92.6	2.1	1/4	0.0	222.9	63.8	7.1	1/4	0.3						
	350	133.9	79.4	3.4	1/4	0.1	310.5	21.5	29.4	1/4	3.0	133.9	107.4	2.5	1/4	0.0	311.2	52.3	12.1	1/4	0.6	134.0	82.7	3.3	1/4	0.1	311.2	52.3	12.1	1/4	0.6						
	450	172.3	74.8	4.7	1/4	0.1	396.2	12.9	62.8	1/4	11.0	172.1	102.8	3.4	1/4	0.1	400.1	41.9	19.5	1/4	1.4	172.2	74.1	4.7	1/4	0.1	400.1	41.9	19.5	1/4	1.4						
	550	210.4	70.6	6.0	1/4	0.2						210.5	98.6	4.3	1/4	0.1	488.9	32.6	30.6	1/4	3.1	210.4	66.2	6.5	1/4	0.2	488.9	32.6	30.6	1/4	3.1						
50	250	63.9	85.9	1.5	1/4	0.0	190.5	35.7	10.8	1/4	0.5	63.9	113.2	1.1	1/4	0.0	191.1	66.5	5.9	1/4	0.2	63.9	101.3	1.3	1/4	0.0	191.1	66.5	5.9	1/4	0.2						
	350	89.5	55.0	3.3	1/4	0.1	266.6	25.9	20.9	1/4	1.7	89.4	109.6	1.7	1/4	0.0	267.6	56.2	9.7	1/4	0.4	89.4	89.0	2.6	1/4	0.1	267.6	56.2	9.7	1/4	0.4						
	450	115.0	51.8	4.5	1/4	0.1	341.3	17.9	38.9	1/4	4.8	114.9	106.4	2.2	1/4	0.0	342.9	47.5	14.7	1/4	0.9	115.0	87.2	3.4	1/4	0.1	342.9	47.5	14.7	1/4	0.9						
	550	140.5	48.9	5.8	1/4	0.2	413.9	11.3	74.5	1/4	14.8	140.5	103.5	2.8	1/4	0.1	419.1	38.4	21.7	1/4	1.7	140.5	66.2	6.5	1/4	0.2	419.1	38.4	21.7	1/4	1.7						
60	250	32.1	60.0	1.1	1/4	0.0	156.5	8.7	36.4	1/4	4.5	32.1	112.7	0.6	1/4	0.0	159.3	68.9	4.7	1/4	0.1	32.1	101.3	1.3	1/4	0.0	159.3	68.9	4.7	1/4	0.1						
	350	44.9	57.9	1.6	1/4	0.0						44.9	84.3	1.1	1/4	0.0	223.0	60.3	7.5	1/4	0.3	44.9	84.3	1.1	1/4	0.0	223.0	60.3	7.5	1/4	0.3						
	450	57.8	56.1	2.1	1/4	0.0						57.7	110.8	0.8	1/4	0.0	285.7	53.0	11.0	1/4	0.5	57.8	102.1	1.2	1/4	0.0	285.7	53.0	11.0	1/4	0.5						
	550	70.7	54.5	2.6	1/4	0.1						70.6	107.5	1.3	1/4	0.0	349.1	46.1	15.5	1/4	1.0	70.6	99.5	1.4	1/4	0.0	349.1	46.1	15.5	1/4	1.0						
70	250																127.5	70.9	3.7	1/4	0.1						127.6	37.7	6.9	1/4	0.2						
	350																176.9	25.0	14.5	1/4	0.9						176.9	25.0	14.5	1/4	0.9						
	450																224.7	14.9	30.9	1/4	3.1						224.7	14.9	30.9	1/4	3.1						
40	250	95.7	84.7	2.3	1/4	0.0	222.3	32.5	13.9	1/4	0.8	95.6	112.8	1.7	1/4	0.0	222.9	63.8	7.1	1/4	0.3	95.7	92.6	2.1	1/4	0.0	222.9	63.8	7.1	1/4	0.3						
	350	133.9	79.4	3.4	1/4	0.1	310.5	21.5	29.4	1/4	3.0	133.9	107.4	2.5	1/4	0.0	311.2	52.3	12.1	1/4	0.6	134.0	82.7	3.3	1/4	0.1	311.2	52.3	12.1	1/4	0.6						
	450	172.3	74.8	4.7	1/4	0.1	396.2	12.9	62.8	1/4	11.0	172.1	102.8	3.4	1/4	0.1	400.1	41.9	19.5	1/4	1.4	172.2	74.1	4.7	1/4	0.1	400.1	41.9	19.5	1/4	1.4						
	550	210.4	70.6	6.0	1/4	0.2						210.5	98.6	4.3	1/4	0.1	488.9	32.6	30.6	1/4	3.1	210.4	66.2	6.5	1/4	0.2	488.9	32.6	30.6	1/4	3.1						
50	250	63.9	85.9	1.5	1/4	0.0	190.5	35.7	10.8	1/4	0.5	63.9	113.2	1.1	1/4	0.0	191.1	66.5	5.9	1/4	0.2	63.9	101.3	1.3	1/4	0.0	191.1	66.5	5.9	1/4	0.2						
	350	89.5	55.0	3.3	1/4	0.1	266.6	25.9	20.9	1/4	1.7	89.4	109.6	1.7	1/4	0.0	267.6	56.2	9.7	1/4	0.4	89.4	89.0	2.6	1/4	0.1	267.6	56.2	9.7	1/4	0.4						
	450	115.0	51.8	4.5	1/4	0.1	341.3	17.9	38.9	1/4	4.8	114.9	106.4	2.2	1/4	0.0	342.9	47.5	14.7	1/4	0.9	115.0	87.2	3.4	1/4	0.1	342.9	47.5	14.7	1/4	0.9						
	550	140.5	48.9	5.8	1/4	0.2	413.9	11.3	74.5	1/4	14.8	140.5	103.5	2.8	1/4	0.1	419.1	38.4	21.7	1/4	1.7	140.5	66.2	6.5	1/4	0.2	419.1	38.4	21.7	1/4	1.7						
60	250	32.1	60.0	1.1	1/4	0.0	156.5	8.7	36.4	1/4	4.5	32.1	112.7	0.6	1/4	0.0	159.3	68.9	4.7	1/4	0.1	32.1	101.3	1.3	1/4	0.0	159.3	68.9	4.7	1/4	0.1						
	350	44.9	57.9	1.6	1/4	0.0						44.9	84.3	1.1	1/4	0.0	223.0	60.3	7.5	1/4	0.3	44.9	84.3	1.1	1/4	0.0	223.0	60.3	7.5	1/4	0.3						
	450	57.8	56.1	2.1	1/4	0.0						57.7	110.8	0.8	1/4	0.0	285.7	53.0	11.0	1/4	0.5	57.8	102.1	1.2	1/4	0.0	285.7	53.0	11.0	1/4	0.5						
	550	70.7	54.5	2.6	1/4	0.1						70.6	107.5	1.3	1/4	0.0	349.1	46.1	15.5	1/4	1.0	70.6	99.5	1.4	1/4	0.0	349.1	46.1	15.5	1/4	1.0						
70	250																127.5	70.9	3.7	1/4	0.1						127.6	37.7	6.9	1/4	0.2						
	350																176.9	25.0	14.5	1/4	0.9						176.9	25.0	14.5	1/4	0.9						
	450																224.7	14.9	30.9	1/4	3.1						224.7	14.9	30.9	1/4	3.1						

2 Row Coil for Cabinet E Sizes

2 ROW, 8 FPI COIL, 30% PEG												2 ROW, 14 FPI COIL, 30% PEG																									
130 DEG EWT						155 DEG EWT						180 DEG EWT						130 DEG EWT						155 DEG EWT						180 DEG EWT							
EAT	Face Vel	70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT			70 DEG LAT			110 DEG LAT		
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	
10	250	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	190.5	31.3	12.7	1/2	1.3	
	350	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	265.0	44.1	12.7	1/2	1.3	
	450	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	342.6	26.9	26.6	1/2	4.6	
	550																																				
	550	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	159.3	37.8	8.8	1/2	0.7	
20	250	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	222.2	27.6	16.9	1/2	2.2	
	350	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	283.6	14.6	40.7	1/2	10.4	
	450	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	127.5	42.6	6.3	1/4	0.6	
	550	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	178.5	37.4	10.0	1/2	0.9	
	550	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	229.4	30.2	15.8	1/2	2.0	
30	250	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	277.9	20.5	28.4	1/2	5.5	
	350	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	95.7	54.5	3.7	1/4	0.2	
	450	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	133.9	43.2	6.5	1/4	0.7	
	550	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	172.2	40.5	8.9	1/2	0.7	
	550	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	209.2	37.0	11.8	1/2	1.2	
40	250	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	95.7	26.3	7.6	1/2	0.6	
	350	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	133.1	22.8	12.3	1/2	1.3	
	450	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	170.8	17.5	20.5	1/2	3.3	
	550	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	206.3	11.3	38.2	1/2	10.0	
	550	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	210.5	60.4	7.3	1/4	0.8	



HOT WATER COIL SIZES (cont'd)

Models PXH and RXH

2 Row Coil for Cabinet E Sizes

EAT	Face Vel	2 ROW, 8 FPI COIL, 50% PEG																																			
		130 DEG EWT				155 DEG EWT				180 DEG EWT																											
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT																									
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD																					
-20	250																																				
	350																																				
	450																																				
	550																																				
-10	250																																				
	350																																				
	450																																				
	550																																				
0	250						222.2	16.9	29.3	1/2	6.6																										
	350																																				
	450																																				
	550																																				
10	250						190.5	24.0	17.7	1/2	2.7																										
	350						263.7	11.7	49.9	Full	15.1																										
	450																																				
	550																																				
2 ROW, 14 FPI COIL, 50% PEG																																					
EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT											
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT							
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD						
-20	250	286.0	28.1	22.8	1/2	4.8																															
	350	400.3	22.1	40.4	1/2	13.2																															
	450						514.6	37.7	30.4	1/2	7.4																										
	550						626.9	28.5	48.9	Full	15.0																										
-10	250	254.1	28.5	20.0	1/2	3.8																															
	350	355.8	24.6	32.4	1/2	8.9																															
	450						457.4	40.9	24.9	1/2	5.2																										
	550						558.9	34.2	36.3	1/2	10.1																										
0	250	222.3	28.5	17.4	1/2	3.0																															
	350	311.3	26.3	26.5	1/2	6.2																															
	450	400.1	21.6	41.5	1/2	13.7																															
	550						489.0	38.8	28.0	1/2	6.4																										
10	250	190.5	28.5	14.9	1/2	2.3																															
	350	266.8	27.3	21.8	1/2	4.4																															
	450	342.9	24.6	31.1	1/2	8.3																															
	550	419.0	20.1	46.5	Full	15.0																															

4 Row Coil for Cabinet E Sizes

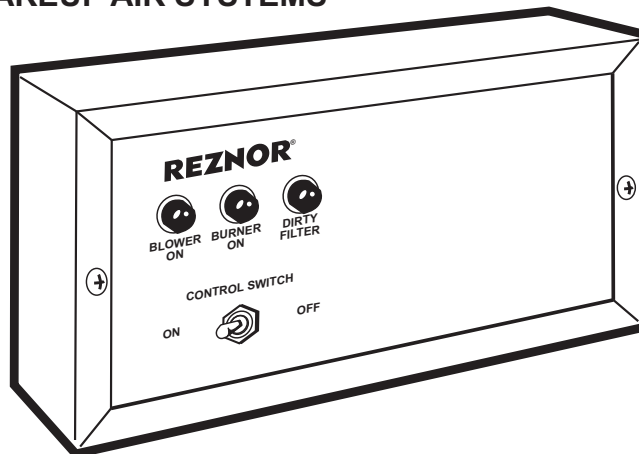
EAT	Face Vel	4 ROW, 8 FPI COIL, NO GLYCOL																											
		130 DEG EWT				155 DEG EWT				180 DEG EWT																			
		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT		70 DEG LAT		110 DEG LAT																	
MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD															
40	250	95.7	69.5	2.8	1/4	0.1	95.6	99.7	1.9	1/4	0.1	222.3	37.8	11.9	1/2	0.7	95.6	128.4	1.5	1/4	0.0	222.9	77.2	5.9	1/4	0.4			
	350	133.9	64.0	4.2	1/4	0.2	133.9	94.8	2.9	1/4	0.1	309.8	22.5	28.0	1/2	3.2	133.9	124.3	2.2	1/4	0.1	311.2	62.5	10.2	1/2	0.5			
	450	172.2	59.0	5.9	1/4	0.4	172.1	90.4	3.8	1/4	0.2						172.1	120.4	2.9	1/4	0.1	400.1	49.1	16.6	1/2	1.3			
50	250	120.5	54.5	7.8	1/4	0.7	210.4	86.3	4.9	1/4	0.3						210.4	116.7	3.7	1/4	0.2	488.5	37.1	26.9	1/2	2.9			
	350	63.9	69.5	1.9	1/4	0.1	63.8	97.8	1.3	1/4	0.0	191.1	42.5	9.1	1/4	0.8	63.9	124.9	1.0	1/4	0.0	191.1	80.5	4.8	1/4	0.3			
	450	89.5	66.3	2.7	1/4	0.1	89.4	95.1	1.9	1/4	0.1	266.3	29.4	18.4	1/2	1.5	89.5	122.7	1.5	1/4	0.0	267.5	67.9	8.0	1/4	0.6			
60	250	115.0	63.3	3.7	1/4	0.2	114.9	92.5	2.5	1/4	0.1	340.1	18.7	36.9	1/2	5.2	114.9	120.7	1.9	1/4	0.1	342.9	57.1	12.2	1/2	0.7			
	350	140.5	60.6	4.7	1/4	0.3	140.5	90.2	3.2	1/4	0.1						140.5	118.6	2.4	1/4	0.1	419.1	46.9	18.2	1/2	1.5			
	450	32.1	67.1	1.0	1/4	0.0	32.1	93.3	0.7	1/4	0.0	159.3	46.9	6.9	1/4	0.5	32.1	119.0	0.6	1/4	0.0	159.3	83.0	3.9	1/4	0.2			
70	250	44.9	65.9	1.4	1/4	0.0	44.9	92.4	1.0	1/4	0.0	222.2	36.2	12.5	1/2	0.8	45.0	118.3	0.8	1/4	0.0	223.0	73.0	6.2	1/4	0.4			
	350	57.8	64.8	1.8	1/4	0.1	57.8	91.6	1.3	1/4	0.0	284.8	26.9	21.5	1/2	2.0	57.8	117.7	1.0	1/4	0.0	286.7	64.0	9.1	1/4	0.8			
	450	70.6	63.7	2.2	1/4	0.1	70.6	90.7	1.6	1/4	0.0	346.1	19.0	37.0	1/2	5.3	70.6	117.1	1.2	1/4	0.0	349.1	56.2	12.7	1/2	0.8			
40	250	125.2	12.6	20.1	1/2	1.8											127.5	50.5	5.1	1/4	0.3								
	350																178.5	42.0	8.6	1/4	0.7								
	450																228.4	34.9	13.3	1/2	0.9								
50	250	222.3	34.9	12.9	1/2	0.9	222.3	107.9	1.8	1/4	0.1	222.8	75.3	6.0	1/4	0.4	222.8	135.0	1.4	1/4	0.0	222.8	109.9	4.1	1/4	0.2			
	350	311.1	29.0	21.7	1/2	2.1	311.1	106.1	2.6	1/4	0.1	312.1	69.7	9.1	1/4	0.8	312.1	134.0	2.0	1/4	0.1	311.9	104.7	6.0	1/4	0.4			
	450	399.2	24.4	33.2	1/2	4.5	399.2	104.5	3.3	1/4	0.2	400.0	65.3	12.4	1/2	0.8	400.0	132.2	2.6	1/4	0.1	401.0	100.4	8.1	1/4	0.7			
60	250	210.4	74.4	5.7	1/4	0.4	210.5	103.1	4.1	1/4	0.2	489.1	61.1	16.2	1/2	1.3	210.5	130.9	3.3	1/4	0.1	489.2	96.7	10.3	1/2	0.6			
	350	63.9	75.0	1.7	1/4	0.1	63.9	101.8	1.3	1/4	0.0	191.0	73.7	5.3	1/4	0.3	63.8	127.9	1.0	1/4	0.0	191.1	106.8	3.6	1/4	0.2			
	450	89.4	73.8	2.4	1/4	0.1	89.4	100.8	1.8	1/4	0.1	287.5	68.9	7.9	1/4	0.6	89.4	127.1	1.4	1/4	0.0	267.5	102.6	5.3	1/4	0.3			
70	250	115.0	72.7	3.2	1/4	0.1	115.0	99.9	2.3	1/4	0.1	342.9	65.1	10.7	1/2	0.6	114.9	126.4	1.8	1/4	0.1	343.9	98.9	7.1	1/4	0.5			
	350	140.6	71.7	4.0	1/4	0.2	140.4	99.0	2.9	1/4	0.1	419.2	61.6	13.8	1/2	1.0	140.5	125.7	2.3	1/4	0.1	420.2	95.7	8.9	1/4	0.8			
	450	32.1	68.7	0.9	1/4	0.0	32.1	94.2	0.7	1/4	0.0	159.3	71.5	4.5	1/4	0.3	32.1	119.6	0.5	1/4	0.0	159.3	103.2	3.1	1/4	0.1			
80	250	45.0	68.2	1.3	1/4	0.0	45.0	93.9	1.0	1/4	0.0	223.0	67.6	6.7	1/4	0.5	44.9	119.3	0.8	1/4	0.0	223.0	99.8	4.5	1/4	0.2			
	350	57.7	67.8	1.7	1/4	0.1	57.7	93.6	1.2	1/4	0.0	286.7	64.4	9.0	1/4	0.8	57.6	119.1	1.0	1/4	0.0	286.6	96.9	6.0	1/4	0.4			
	450	70.6	67.4	2.1	1/4	0.1	70.6	93.3	1.5	1/4	0.0	349.2	61.7	11.5	1/2	0.7	70.3	118.9	1.2	1/4	0.0	350.5	94.2	7.6	1/4	0.6			
90	250	127.5	34.2	7.5	1/4	0.6											127.4	68.7	3.8	1/4	0.2								
	350	177.7	31.1	11.5	1/2	0.7											178.5	65.7	5.5	1/4	0.3								
	450	228.4	28.3	16.3	1/2	1.3											229.5	63.2	7.4	1/4	0.6								
100	250	279.0	25.9	21.8	1/2	2.2											280.4	61.0	9.3	1/4	0.9								

4 Row Coil for Cabinet E Sizes

EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT														
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT										
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD				
-20	250	286.0	33.7	19.0	1/2	6.1					285.9	61.5	10.4	1/2	1.9						286.4	95.3	6.7	1/2	0.8						286.3	139.5	4.6	1/4	0.8					
	350	400.3	24.7	36.1	3/4	14.9				400.4	53.0	16.8	1/2	4.6							400.4	79.3	11.2	1/2	2.2						401.0	120.5	7.4	1/2	1.0					
	450									514.6	45.1	25.4	1/2	9.5							514.7	67.7	15.3	1/2	3.7						514.8	110.6	10.4	1/2	1.9					
-10	250	254.1	34.9	16.3	1/2	4.7				254.6	65.9	8.6	1/2	1.3							254.6	101.5	5.6	1/2	0.6						254.6	140.8	4.1	1/4	0.7					
	350	355.8	29.0	27.4	1/2	11.6				355.8	54.7	14.5	1/2	3.6							356.6	82.2	9.7	1/2	1.6						356.6	122.9	6.5	1/2	0.8					
	450									457.3	49.7	20.5	1/2	6.5							457.3	77.2	13.2	1/2	2.8						457.3	111.7	9.2	1/2	1.5					
0	250	222.3	38.2	13.0	1/2	3.0				222.9	71.9	6.9	1/2	0.9							222.9	108.1	4.6	1/4	0.8						222.9	140.8	3.7	1/4	0.5					
	350	311.2	32.0	21.8	1/2	7.8				311.3	56.7	12.2	1/2	2.6							311.9	87.3	8.0	1/2	1.1						311.9	122.9	6.5	1/2	1.1					
	450	400.1	25.6	35.0	3/4	14.0				400.1	52.9	16.9	1/2	4.6							400.2	78.6	11.3	1/2	2.2						400.2	113.2	12.2	1/2	3.3					
10	250	191.0	42.8	10.0	1/2	1.8				191.1	78.9	5.4	1/2	0.6							191.1	114.8	3.7	1/4	0.5						191.1	140.8	3.7	1/4	0.5					
	350	266.7	33.8	17.7	1/2	5.4				267.5	61.3	9.7	1/2	1.7							267.5	94.1	6.3	1/2	0.7						267.5	122.9	6.5	1/2	0.7					
	450	342.9	30.2	25.4	1/2	10.1				343.0	54.8	14.0	1/2	3.3							343.0	82.1	9.3	1/2	1.5						343.8	116.6	6.6	1/2	1.5					
550	417.8	24.9	37.5	Full	15.1				419.2	52.1	17.9	1/2	5.2							419.3	78.0	12.0	1/2	2.4						419.3	108.8	8.6	1/2	1.3						
4 ROW, 14 FPI COIL, 50% PEG																																								
EAT	Face Vel	130 DEG EWT												155 DEG EWT												180 DEG EWT														
		70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT				70 DEG LAT				110 DEG LAT										
		MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC	WPD	MBH	WTD	GPM	CIRC
-20	250	286.4	66.2	9.7	1/2	4.6				286.3	103.5	6.2	1/2	0.8						286.3	139.5	4.6	1/4	0.8						286.3	170.0	3.5	1/2	1.0						
	350	400.4	55.7	16.1	1/2	4.6				400.2	87.2	10.3	1/2	1.9						400.2	120.5	7.4	1/2	1.0						401.0	150.5	4.9	1/2	1.0						
	450	514.7	54.1	21.3	1/2	7.9				514.9	80.4	14.3	1/2	3.6						514.8	110.6	10.4	1/2	1.9						514.8	140.8	3.7	1/4	0.7						
-10	250	254.6	68.5	8.3	1/2	1.4				254.6	105.6	5.4	1/2	0.6						254.6	140.8	4.1	1/4	0.7						254.6	170.0	3.5	1/2	1.0						
	350	355.7	56.7	14.1	1/2	3.6				356.4	89.1	9.0	1/2	1.5						356.4	122.9	6.5	1/2	0.8						356.4	150.5	4.9	1/2	1.0						
	450	457.5	52.6	19.5	1/2	6.7				457.6	81.0	12.6	1/2	2.8						457.6	111.7	9.2	1/2	1.5						457.6	140.8	3.7	1/4	0.5						
0	250	222.9	71.1	7.1	1/2	2.6				222.8	107.5	4.7	1/4	0.9						222.8	140.8	4.1	1/4	0.7						222.8	170.0	3.5	1/2	1.0						
	350	311.3	58.3	12.0	1/2	2.6				312.1	91.6	7.6	1/2	1.1						312.1	122.9	6.5	1/2	0.8						312.1	150.5	4.9	1/2	1.0						
	450	400.2	52.9	17.0	1/2	5.1				400.3	82.3	10.9	1/2	2.1						400.3	111.7	9.2	1/2	1.5						401.0	140.8	3.7	1/4	0.5						
10	250	191.0	73.5	5.8	1/2	0.8				191.0	108.8	3.9	1/4	1.0						191.0	140.8	3.7	1/4	0.7						191.0	170.0	3.5	1/2	1.0						
	350	267.5	60.5	9.9	1/2	1.8				267.4	94.6	6.3	1/2	0.8						267.4	111.7	9.2	1/2	1.5						267.5	140.8	3.7	1/4	0.5						
	450	342.8	53.9	14.3	1/2	3.6				343.8	84.4	9.1	1/2	1.5						343.8	116.6	6.6	1/2	1.5						343.8	140.8	3.7	1/4	0.5						
550	419.3	51.0	18.4	1/2	6.0				419.3	78.8	11.9	1/2	2.5						419.3	108.8	8.6	1/2	1.3						419.3	140.8	3.7	1/4	0.5							



REMOTE CONSOLE OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS



STANDARD FEATURES

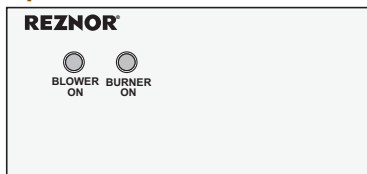
- 16 Gauge steel box
- Wiring terminal blocks
- Engraved plastic cover
- Stainless steel mounting ring
- Designed for either recessed or wall mounting

DESCRIPTION

A Reznor remote console is designed to allow remote control of the system as well as provide indicator safety lights. The console is comprised of a 16-gauge steel box with knockouts for field wiring, wiring terminal blocks suited to components, and a custom engraved plastic cover. The engraved lettering on the cover indicates the function and position of the switch and the message of the indicator light. The box may be either recessed or wall mounted. A mounted ring is included for wall mounting. In place of the standard plastic cover, an optional stainless steel cover is available (requires extended lead time).

The remote console option is available with twelve pre-selected combinations of factory-installed switches, indicator lights and controls. The available combinations of components are illustrated below. Each of the consoles may be ordered with one additional factory-mounted control. Controls available are a one- or two-stage heating thermostat, a one- two-stage heating/cooling thermostat, or a Maxitrol Temperature Selector. If the installation requires any components or component combinations that are not available with Options RC1-12, it is necessary to specify a custom-built remote console (see Remote Console Section).

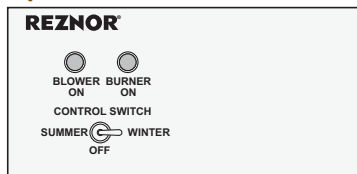
Option RC1



Lights

- Blower On
- Burner On

Option RC5



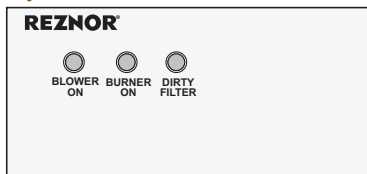
Lights

- Blower On
- Burner On

Switch

- Summer/Off/Winter

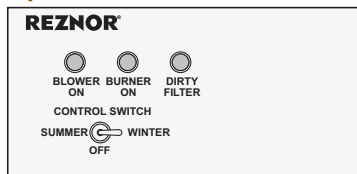
Option RC2



Lights

- Blower On
- Burner On
- Dirty Filter

Option RC6



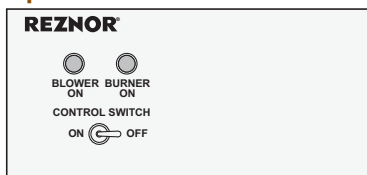
Lights

- Blower On
- Burner On
- Dirty Filter

Switch

- Summer/Off/Winter

Option RC3



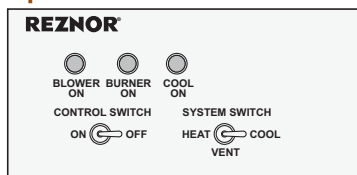
Lights

- Blower On
- Burner On

Switch

- On/Off

Option RC7



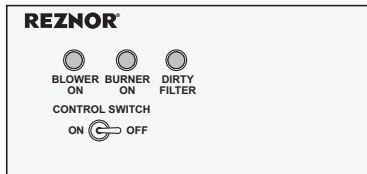
Lights

- Blower On
- Burner On
- Cool On

Switch

- On/Off
- Heat/Vent/Cool

Option RC4



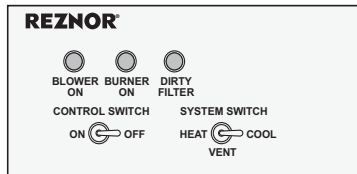
Lights

- Blower On
- Burner On
- Dirty Filter

Switch

- On/Off

Option RC8



Lights

- Blower On
- Burner On
- Dirty Filter

Switch

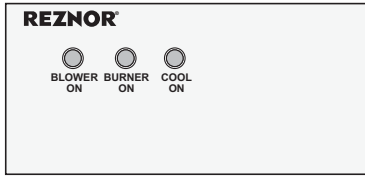
- On/Off
- Heat/Vent/Cool



REMOTE CONSOLE

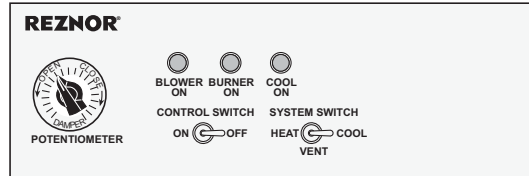
OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS (cont'd)

Option RC9



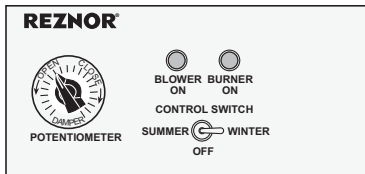
- Lights**
- Blower On
 - Burner On
 - Cool On

Option RC11



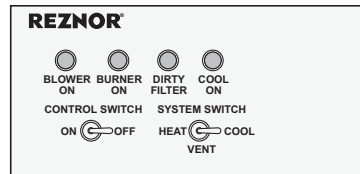
- Lights**
- Blower On
 - Burner On
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool

Option RC10



- Lights**
- Blower On
 - Burner On
- Switch**
- Summer/Off/Winter
- Control**
- Potentiometer*

Option RC12



- Lights**
- Blower On
 - Burner On
 - Dirty Filter
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool

* Must order Damper Arrangement Option GE10 to get a remote potentiometer (see Air Control System section).

NOTE: To coordinate option selection, see Mixing Box Module and Air Inlet Options section for damper arrangement options and Heating and Heating/Cooling Controls section for control selection.

Remote Console Components	Function	Included Options											
		RC1	RC2	RC3	RC4	RC5	RC6	RC7	RC8	RC9	RC10	RC11	RC12
Blower On Indicator Light	Lights when blower is operating	X	X	X	X	X	X	X	X	X	X	X	X
Burner On Indicator Light	Lights when burners are lit	X	X	X	X	X	X	X	X	X	X	X	X
Dirty Filter Indicator Light	Lights when the pressure switch indicates that filters need to be cleaned or replaced	N/A	X	N/A	X	N/A	X	N/A	X	N/A	N/A	N/A	X
On/Off Control Switch	"On" position energizes the unit for thermostat control "Off" position de-energizes the unit and closes optional automatically controlled outside air dampers	N/A	N/A	X	X	N/A	N/A	X	X	N/A	N/A	X	X
Summer/Winter/Off Control Switch	"Summer" position operates the blower only "Winter" position energizes the unit for thermostat control "Off" position de-energizes the unit and closes optional automatically controlled outside air dampers	N/A	N/A	N/A	N/A	X	X	N/A	N/A	N/A	X	N/A	N/A
Heat/Vent/Cool System Switch	"Heat" position energizes the unit for thermostat control. "Vent" position operates the blower and opens automatically controlled outside air dampers "Cool" position energizes the blower, the dampers and cooling unit	N/A	N/A	N/A	N/A	N/A	N/A	X	X	N/A	N/A	X	X
Cooling Indicator Light	Lights when cooling system is operating	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	X	N/A	X	X

Console Option	Minimum No. of Wires	Console Option	Minimum No. of Wires
RC1	3	RC10	7-9
RC2	4	RC11	9-10
RC3	5-6	RC12	8
RC4	6-7	1-Stage Heating Thermostat	+2
RC5	5-6	2-Stage Heating Thermostat	+3
RC6	6-7	1-Stage Heating/Cooling Thermostat	+4
RC7	7	2-Stage Heating/Cooling Thermostat	+5
RC8	8	Maxitrol Temperature Selector	+2
RC9	4		

CAUTION: The minimum number of wires listed should be used only as a guideline. Do NOT use for actual wiring. The required number of wires varies depending upon the circuit and the function of the switch and can only be accurately determined from the wiring diagram designed for the specific installation.

Wires:

Console Feature	Minimum No. of Wires
1 Light	2
2 Lights	3
3 Lights	4
4 Lights	5
NOTE: For cooling light, add one wire.	
1 DPDT (3-position) Switch	4-6
1 SPDT Switch	3
1 DPST Switch	3-4
1 SPST Switch	2
1 2-Stage Thermostat	3-9
1 1-Stage Thermostat	2-8
1 Potentiometer	3

CAUTION: The minimum number of wires listed should be used only as a guideline. Do NOT use for actual wiring. The required number of wires varies depending upon the circuit and the function of the switch and can only be accurately determined from the wiring diagram designed for the specific installation.

REZNOR®**THERMOSTATS
FOR WALL OR CONSOLE MOUNTING****(If console mounted, select one per console)****Applies to Models RPB, RPBL, & SSCBL (unless otherwise noted)****Single Stage Heating/Cooling Thermostat - Option CL1**

Non-programmable
24V Supply voltage
50° - 90°F

(Cross reference: P/N 255350)

(Applies to Model RPB only)

Override Thermostat for Electronic Modulation - Option CL9

Low voltage room override thermostat
Electronic modulating
60-85°F
For use with makeup air applications
Vertical mounting
SPST
Line voltage

(Cross reference: P/N 24857)

Use with electronic modulating gas controls,
Options AG8, AG9, AG39 or AG41

**Electronic 2-Stage Heating/Cooling Thermostat (Wall Mount Option CL33, Console Mount Option RCT5 ^A)**

7-Day programmable
LCD Display
24VAC/50/60 Hz Supply
Microprocessor Control
Selectable Output Staging:
1) 1 Heat — 1 Cool
2) 1 Heat — 2 Cool
3) 2 Heat — 1 Cool
4) 2 Heat — 2 Cool
Sub/Base has Auto/Cool/Off/Heat
System switch and Auto/On (fan)
Switch

(Cross reference: P/N 221038)

Use with Remote Consoles RC1,
RC2 or RC9

Two Stage Heating/Cooling Thermostat - Option CL22

Non-programmable
24V Supply voltage
50° - 90°F

(Cross reference: P/N 220630)

**Electronic Single Stage Heating/Cooling Thermostat on Panel (Wall Mount Option CL52, Console Mount Option RCT9)**

5 Day/2 Day Programmable
LCD Display
(battery required)
with Fan Auto/On and
Cool/Off/Heat Switches

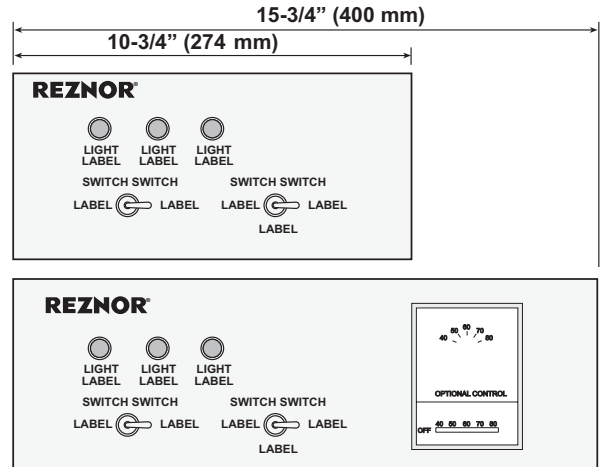
(Cross reference: P/N 220632)

Use with Remote Consoles
RC1, RC2 or RC9



^A RCT5 contains most switching functions that are likely to be needed. Any switches on the panel limit the number of lights and/or potentiometer that can be installed due to space limitations and affects control sequence. Consult your Reznor Representative.

Dimensions	Length		Height		Depth	
Wall Mounted - Remote Console with wall mounting ring	in.	mm	in.	mm	in.	mm
Consoles RC1-RC10 and RC12 without an optional control	10 3/4	273	7 5/8	194	2 5/8	67
Consoles RC-10 and RC12 with an optional control and RC11 with or without an optional control	15 3/4	400	7 5/8	194	2 5/8	67
Recessed - Size of the body; do not use mounting ring	in.	mm	in.	mm	in.	mm
Consoles RC1-RC10, RC12 without an optional control	10 3/4	273	6 5/8	168	2 5/8	67
Consoles RC-10 and RC12 with an optional control and RC11 with or without an optional control	15 3/4	400	6 5/8	168	2 5/8	67



CUSTOM BUILT REMOTE MONITORING CONSOLE DESCRIPTION

If components or component combinations are required that are not included in the standard remote console option offering, select a custom-built remote console. Custom design the console by selecting from the light label, switch label, and control selections listed below. Specific functions of all switches and lights must be included on the order.

Custom REMCON			- C	- D	- E	- F	- G	- H	- J	- K	- M	- Z
Engraved Plastic Cover on Metal Box with Mounting Ring	Lights	Qty	2	3	4	2	3	4	2	3	4	Custom Plastic Cover (combinations or engraving not listed) - call Reznor Representative for approval and pricing.
	Switches (2 position or 3 position)	Qty	0	0	0	1	1	1	2	2	2	

LIGHT LABEL TO BE ENGRAVED ON PLASTIC COVER	
(number of selections must agree with quantity of lights available on the REMCON model ordered)	
BURNER	EB1
BLOWER	EB2
DIRTY FILTER (LIGHT with SWITCH IN UNIT)	EB3
COOL	EB4
SAFETY LOCKOUT	EB21
Custom Label - 14 characters maximum	SPEC

SWITCH LABELS TO BE ENGRAVED ON COVER			
Select REMCON Size -C through -M based on number of lights and switches selected. Switches selected cannot have duplicate function.			
SUMMER/OFF/WINTER	EB5A	ON/OFF (SPDT System Switch)	EB7X
HEAT/OFF/VENT	EB5B	SUMMER/WINTER	EB7A
ON/OFF/AUTO	EB5C	HEAT/VENT	EB7B
HEAT/VENT/COOL	EB5D	AUTO/ON	EB7C
DAY/OFF/NIGHT	EB5E	HEAT/COOL	EB7D
OCCUPIED/OFF/UNOCCUPIED	EB5F	DAY/NIGHT	EB7E
LOCAL/OFF/REMOTE	EB5G	OCCUPIED/UNOCCUPIED	EB7F
HIGH/OFF/LOW	EB5H	LOCAL/REMOTE	EB7G
HIGH/MED/LOW	EB5I	HIGH/LOW	EB7H
HAND/OFF/AUTO	EB5J	SPRAY/DRY	EB7J
HEAT/OFF/COOL	EB5K	FILL/DRAIN	EB7K
ON/OFF (DPST System Switch)	EB6X	DAMPER OPEN/CLOSED	EB7L
Custom Label - 22 characters maximum			SPEC

REZNOR®

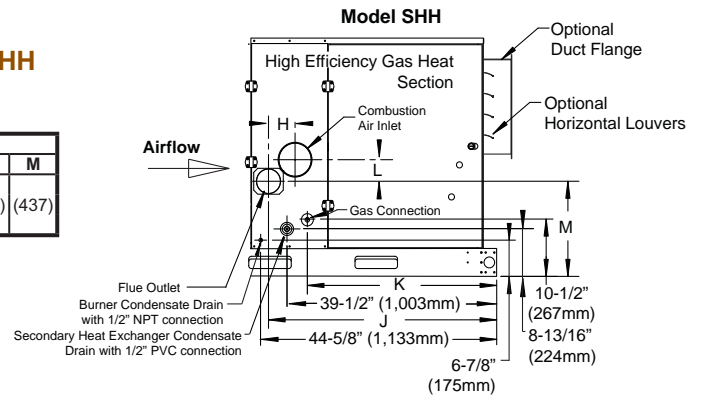
DIMENSIONS

Connection locations.

Applies to indoor units, Models PDH, PEH, PXH, SDH and SHH

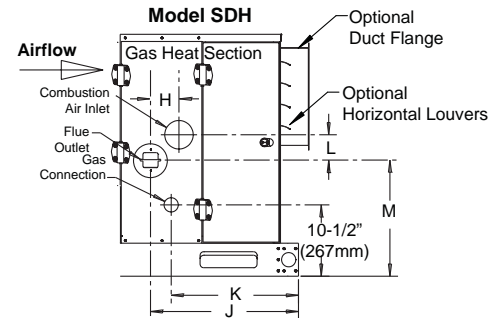
Model SHH - Gas/Propane Heating Section Connection Locations

SHH	Dimensions - inches (±1/8)					Dimensions - mm (±3)				
	H	J	K	L	M	H	J	K	L	M
130, 180	5	42-15/16"	35-5/8"	4	17-7/16"	(127)	(1,091)	(905)	(102)	(437)
260										
350										



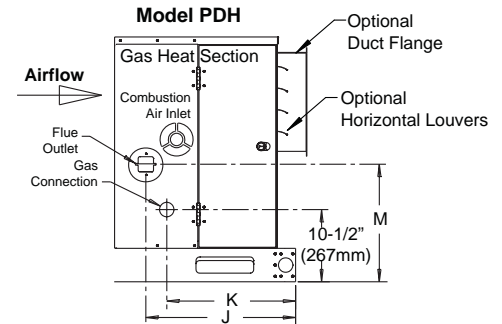
Model SDH - Gas/Propane Heating Section Connection Locations

SDH	Dimensions - inches (±1/8)					Dimensions - mm (±3)				
	H	J	K	L	M	H	J	K	L	M
75, 100	4	20-25/32	17-7/8	3-5/8	16-51/64	(102)	(528)	(454)	(92)	(427)
125, 150										
175, 200, 225	5	32-1/32"	24-3/4"	4	17-7/32"	(127)	(814)	(629)	(102)	(437)
250, 300										
350, 400A										



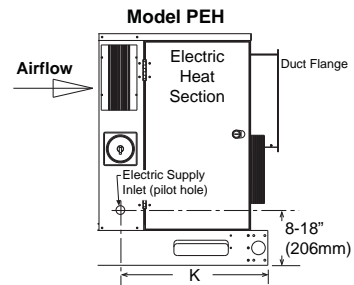
Model PDH - Gas/Propane Heating Section Connection Locations

PDH	Dimensions - inches (±1/8)			Dimensions - mm (±3)		
	J	K	M	J	K	M
75, 100	20-25/32	17-7/8	16-51/64	(528)	(454)	(427)
125, 150						
175, 200, 225	32-1/32"	24-3/4"	17-7/32"	(814)	(629)	(437)
250, 300						
350, 400A						



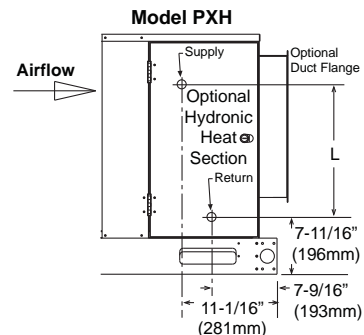
Model PEH - Electric Heating Section Connection Locations

PEH	Dimensions - inches (±1/8)	Dimensions - mm (±3)
	K	K
10A, 20A, 40A	21-11/16	(551)
15B, 30B, 60B		
30D, 60D, 90D, 120D	29-3/8	(746)
40E, 80E, 120E		



Model PXH - Optional Hydronic Heating Section Connection Locations

PXH	Dimensions - inches ±1/8	Dimensions - mm (±3)
	L	L
000A	23-1/8"	(587)
000B		
000C		
000D	33-1/8"	(841)
000E		



Connections for evaporative cooling will be found under the Evaporative Cooling Module section later in this catalog. DX cooling, and chilled water cooling connections and locations is found in the Cooling Coil Module section later in this catalog.

Connection locations.

Applies to outdoor units, Models RDH, REH and RXH

Model RDH - Gas/Propane Heating Section Connection Locations

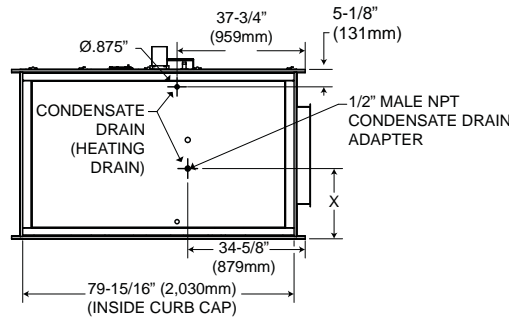
RDH Size	C		D		Exhaust Vent				Gas Connection			
					w/o Downturn Plenum		w/Downturn Plenum		w/o Downturn Plenum		w/Downturn Plenum	
	in.	(mm)	in.	(mm)	F1		F2		G1		G2	
75/100	17 15/16	(456)	9 1/4	(235)	20 3/4	(527)	48 1/2	(1,232)	19	(483)	46 3/4	(1,187)
125/150	17 15/16	(456)	9 1/4	(235)	20 3/4	(527)	48 1/2	(1,232)	19	(483)	46 3/4	(1,187)
175/200/225	17 15/16	(456)	9 1/4	(235)	32	(813)	59 3/4	(1,518)	25 3/8	(645)	53 1/8	(1,349)
250/300	17 15/16	(456)	9 1/4	(235)	32	(813)	59 3/4	(1,518)	25 3/8	(645)	53 1/8	(1,349)
350/400A	17 15/16	(456)	9 1/4	(235)	32	(813)	59 3/4	(1,518)	25 3/8	(645)	53 1/8	(1,349)

Connections for evaporative cooling, DX cooling, and chilled water cooling is found later in this catalog.

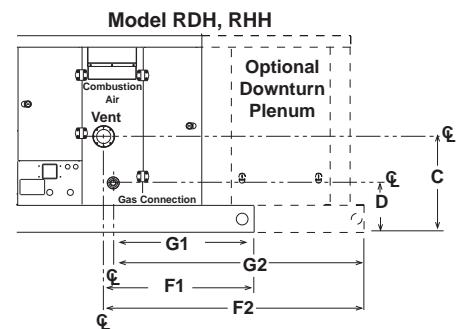
RHH Size	C		D		Exhaust Vent				Gas Connection			
					w/o Downturn Plenum		w/Downturn Plenum		w/o Downturn Plenum		w/Downturn Plenum	
	in.	(mm)	in.	(mm)	F1		F2		G1		G2	
All Sizes	18 5/8	(473)	11 3/4	(298)	42 15/16	(1,091)	70 11/16	(1,795)	35 5/8	(905)	63 3/8	(1,610)

Model RHH - Condensate Drain Connection

RHH Size	X	
	in	(mm)
130C/180C	12 3/4	(325)
260D	20 11/16	(526)
350E	24 7/16	(621)

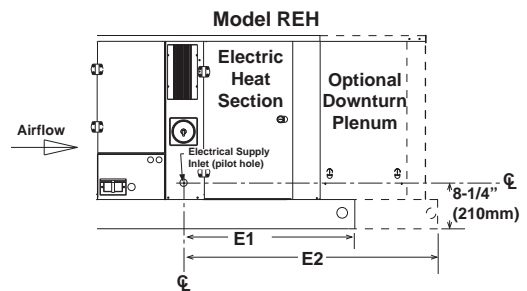


BOTTOM VIEW



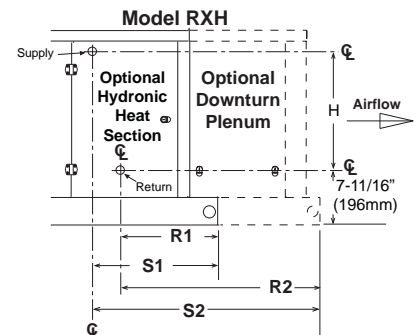
Model REH - Electric Heating Section Connection Locations

REH Cabinet Size	Electric Supply Inlet			
	w/o Downturn Plenum		w/Downturn Plenum	
	E1		E2	
A	21 11/16	(551)	49 7/16	(1,256)
B	21 11/16	(551)	49 7/16	(1,256)
D	29 3/8	(746)	57 1/8	(1,451)
E	29 3/8	(746)	57 1/8	(1,451)



Model RXH - Optional Hydronic Heating Section Connection Locations

RXH w/ Hydronic Heating Coil Module	H		Hydronic Return Connection		Hydronic Supply Connection					
			w/o Downturn Plenum		w/Downturn Plenum					
	in.	(mm)	R1		R2		S1		S2	
000A	23 1/8	(587)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000B	23 1/8	(587)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000C	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000D	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000E	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)



Complete detailed dimension drawings available at ReznorHVAC.com.

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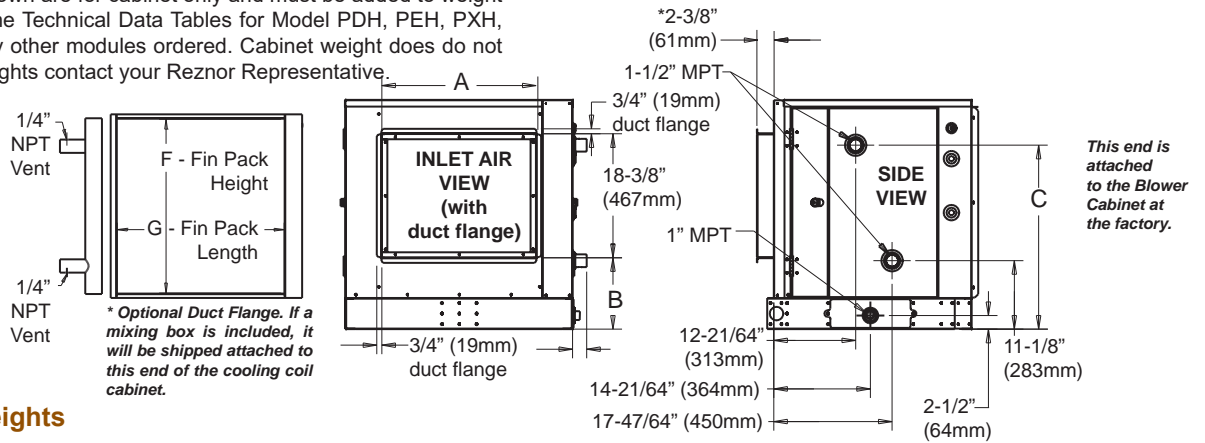
COOLING COIL MODULE

Dimensions and Weights

Draw-Through Cooling Coil Module for Chilled Water Coil - Applies to Models PDH, PEH, PXH, SDH and SHH Only

PEH Cabinet Size	Model PDH or SDH	Model SHH	Model PXH	Cabinet Dimensions			Coil Dimensions					Net Weight
				A	B	C	F	G	Max Face Area	Max Air Flow at 500 FPM		
Dimensions inches				sq. ft.		CFM		lbs				
A	75, 100	N/A	000A	22 7/8	11 1/8	30 3/4	25	24	4.17	2,085	497	
B	125, 150	N/A	000B	26 1/2	11 1/8	30 3/4	25	34	5.90	2,950	560	
C	175, 200, 225	130C, 180C	000C	22 7/8	15 3/4	40 1/2	35	24	5.83	2,915	569	
D	250, 300	260D	000D	34 3/4	15 3/4	40 1/2	35	40 1/4	9.78	4,890	687	
E	350, 400A	350E	000E	45 3/4	15 3/4	40 1/2	35	48 1/4	11.73	5,865	751	
Dimensions (mm)				(sq. M)		(M ³ /hr)		kg				
A	75, 100	N/A	000A	(581)	(283)	(781)	(635)	(610)	(0.39)	(3,542)	(225)	
B	125, 150	N/A	000B	(673)	(283)	(781)	(635)	(864)	(0.55)	(5,012)	(254)	
C	175, 200, 225	130C, 180C	000C	(581)	(400)	(1,029)	(889)	(610)	(0.54)	(4,953)	(258)	
D	250, 300	260D	000D	(883)	(400)	(1,029)	(889)	(1,022)	(0.91)	(8,308)	(312)	
E	350, 400A	350E	000E	(1,164)	(400)	(1,029)	(889)	(1,226)	(1.09)	(9,965)	(341)	

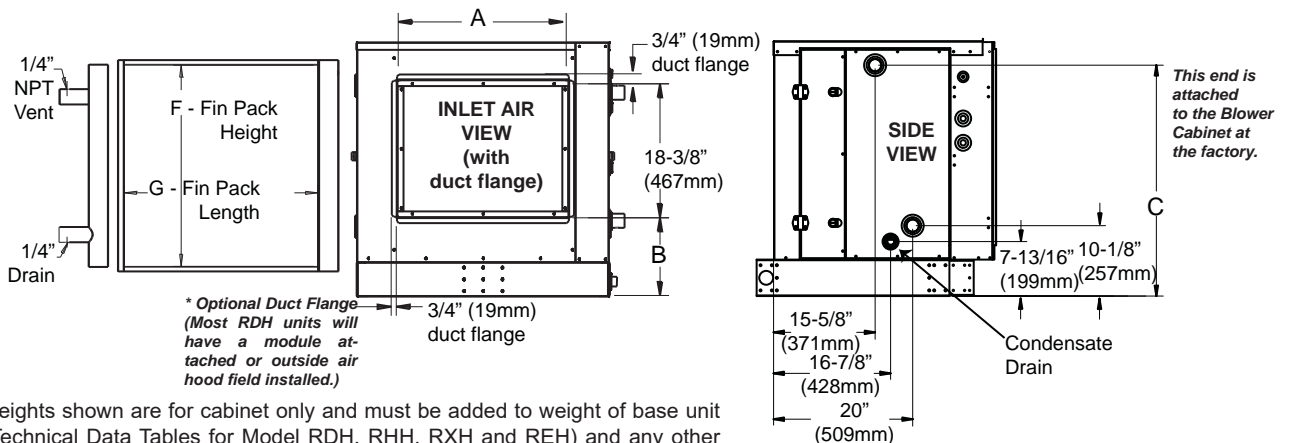
- Coil Cabinet weights shown are for cabinet only and must be added to weight of base unit (found in the Technical Data Tables for Model PDH, PEH, PXH, SDH and SHH) and any other modules ordered. Cabinet weight does not include coil. For coil weights contact your Reznor Representative.



Dimensions and Weights

Draw-Through Cooling Coil Module for Chilled Water Coil - Applies to Models RDH, REH, RHH, and RXH Only

REH Cabinet Size	RDH Size	RHH Size	RXH	Chilled Water Cabinet Dimension			Chilled Water Coil Dimension		Max Face Area	Max Air Flow at 500 FPM	Net Weight
				A	B	C	F	G			
Inches				(sq. M)		(M ³ /hr)		kg			
A	75, 100	--	000A	22 7/8	11 1/8	33 1/4	25	24	4.17	2,085	497
B	125, 150	--	000B	26 1/2	11 1/8	33 1/4	25	34	5.90	2,950	560
N/A	175, 200, 225	130, 180	000C	22 7/8	15 3/4	42 1/2	35	24	5.83	2,915	569
D	250, 300	260	000D	34 3/4	15 3/4	42 1/2	35	40 1/4	9.78	4,890	687
E	350, 400A	350	000E	45 3/4	15 3/4	42 1/2	35	48 1/4	11.73	5,865	751
(mm)				(sq. M)		(M ³ /hr)		kg			
A	75, 100	--	000A	(581)	(283)	(844)	(635)	(610)	(0.39)	(3,542)	(225)
B	125, 150	--	000B	(673)	(283)	(844)	(635)	(864)	(0.55)	(5,012)	(254)
N/A	175, 200, 225	130, 180	000C	(581)	(400)	(1,079)	(889)	(610)	(0.54)	(4,953)	(258)
D	250, 300	260	000D	(883)	(400)	(1,079)	(889)	(1,022)	(0.91)	(8,308)	(312)
E	350, 400A	350	000E	(1,164)	(400)	(1,079)	(889)	(1,226)	(1.09)	(9,965)	(341)



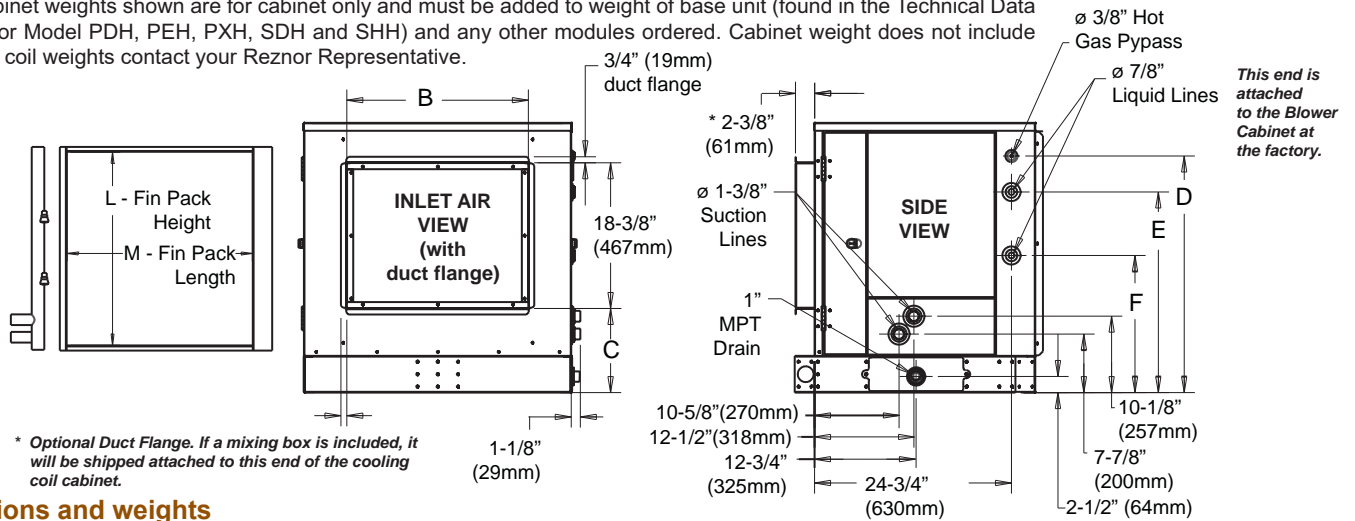
- Coil Cabinet weights shown are for cabinet only and must be added to weight of base unit (found in the Technical Data Tables for Model RDH, RHH, RXH and REH) and any other modules ordered. Cabinet weight does not include coil. For coil weights contact your Reznor Representative.

Dimensions and Weights

Draw-Through Cooling Coil Module for DX Coil - Applies to Models PDH, PEH, PXH, SDH and SHH Only

PEH Cabinet Size	Model PDH/SDH	Model SHH	PXH	Cabinet Dimensions					Coil Dimensions		Max Face Area sq. ft.	Max Air Flow at 500 FPM CFM	Net Weight lbs
				B	C	D	E	F	L	M			
A	75, 100	N/A	000A	22 7/8	11 1/16	30 5/16	25 3/4	17 13/16	25	24	4.17	2,085	146
B	125, 150	N/A	000B	22 7/8	11 1/16	30 5/16	25 3/4	17 13/16	25	34	5.90	2,950	166
C	175, 200, 225	130C, 180C	000C	22 7/8	11 1/16	30 5/16	25 3/4	17 13/16	35	24	5.83	2,915	166
D	250, 300	260D	000D	34 3/4	15 3/4	34 15/16	30 7/16	22 3/8	35	40 1/4	9.78	4,890	201
E	350, 400A	350E	000E	54 3/4	15 3/4	34 15/16	30 7/16	22 3/8	35	48 1/4	11.73	5,865	219
(mm)				B	C	D	E	F	L	M	(sq. M)	(M ³ /hr)	kg
A	75, 100	N/A	000A	(581)	(281)	(770)	(654)	(452)	(635)	(610)	(0.39)	(3,542)	(66)
B	125, 150	N/A	000B	(581)	(281)	(770)	(654)	(452)	(635)	(864)	(0.55)	(5,012)	(75)
C	175, 200, 225	130C, 180C	000C	(581)	(281)	(770)	(654)	(452)	(889)	(610)	(0.54)	(4,953)	(75)
D	250, 300	260D	000D	(883)	(400)	(887)	(773)	(568)	(889)	(1,022)	(0.91)	(8,308)	(91)
E	350, 400A	350E	000E	(1,391)	(400)	(887)	(773)	(568)	(889)	(1,226)	(1.09)	(9,965)	(99)

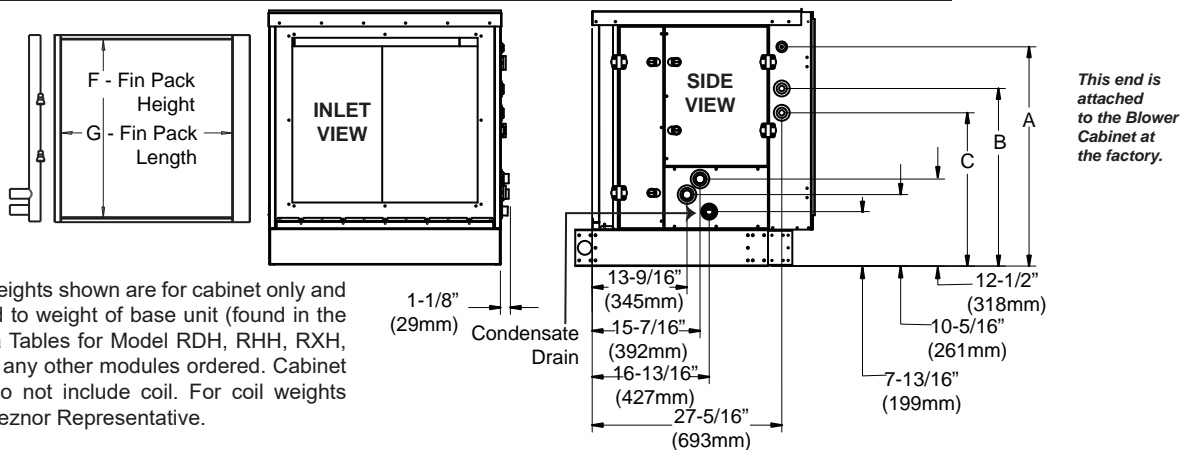
- Coil Cabinet weights shown are for cabinet only and must be added to weight of base unit (found in the Technical Data Tables for Model PDH, PEH, PXH, SDH and SHH) and any other modules ordered. Cabinet weight does not include coil. For coil weights contact your Reznor Representative.



Dimensions and weights

Draw-Through Cooling Coil Module for DX Coil - Applies to Models RDH, REH, RHH, and RXH Only

REH Cabinet Size	RDH Size	RHH Size	RXH Size	DX Cabinet Dimensions					DX Coil Dimensions	Max Face Area sq. ft.	Max Air Flow at 500 FPM CFM	Net Weight lbs
				A	B	C	F	G				
A	75, 100	--	000A	31 9/16	25 9/16	22 1/16	25	24	4.17	2,085	497	
B	125, 150	--	000B	31 9/16	25 9/16	22 1/16	25	34	5.90	2,950	560	
--	175, 200, 225	130, 180	000C	40 13/16	34 13/16	23 5/16	35	24	5.83	2,915	569	
D	250, 300	260	000D	40 13/16	34 13/16	23 5/16	35	40 1/4	9.78	4,890	687	
E	350, 400A	350	000E	40 13/16	34 13/16	23 5/16	35	48 1/4	11.73	5,865	751	
(mm)				A	B	C	F	G	(sq. M)	(M ³ /hr)	kg	
A	75, 100	--	000A	(802)	(649)	(560)	(635)	(610)	(0.39)	(3,542)	(225)	
B	125, 150	--	000B	(802)	(649)	(560)	(635)	(864)	(0.55)	(5,012)	(254)	
N/A	175, 200, 225	130, 180	000C	(1,037)	(884)	(592)	(889)	(610)	(0.54)	(4,953)	(258)	
D	250, 300	260	000D	(1,037)	(884)	(592)	(889)	(1,022)	(0.91)	(8,308)	(312)	
E	350, 400A	350	000E	(1,037)	(884)	(592)	(889)	(1,226)	(1.09)	(9,965)	(341)	



- Coil Cabinet weights shown are for cabinet only and must be added to weight of base unit (found in the Technical Data Tables for Model RDH, RHH, RXH, and REH) and any other modules ordered. Cabinet weight does not include coil. For coil weights contact your Reznor Representative.

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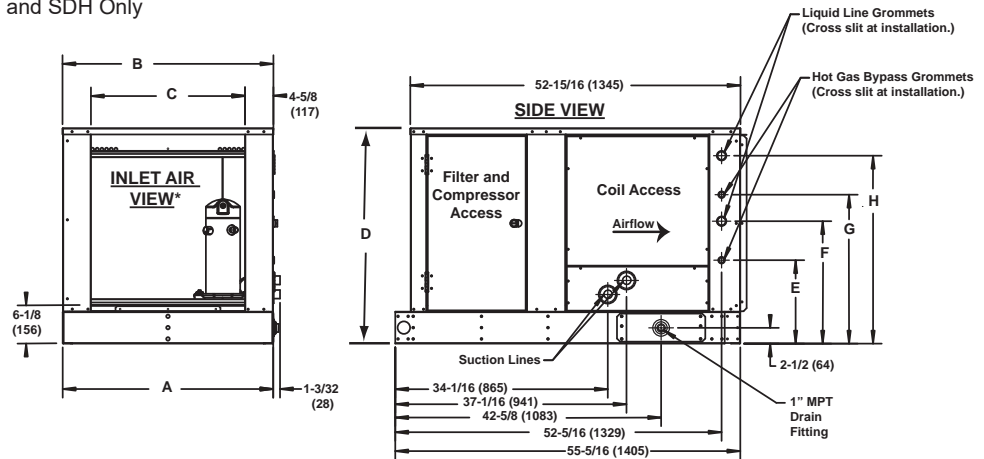
DEHUMIDIFICATION COOLING COIL MODULE

Dimensions - Draw-Through dH Cooling Coil Module for DX Coil

Applies to Models PDH, PEH, PXH, SHH, and SDH Only

*DX Cooling Coil
Module Dimensions
with Reheat*

* If there is no mixing box or evaporative cooler attached, the inlet air opening would have an optional duct flange.



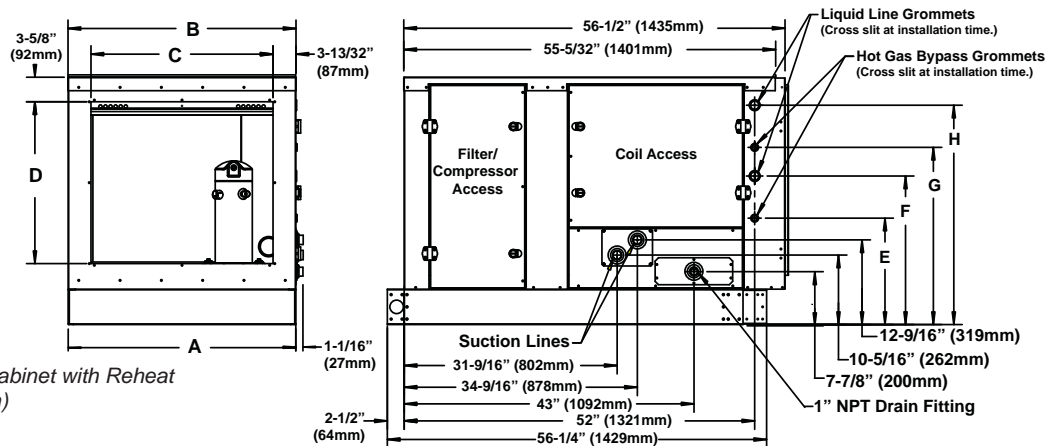
*DX Cooling Coil Module with Reheat
Dimensions*

Model PDH or SDH Size	Model PEH Size	Model PXH	Model SHH	DX Cooling Coil Module with Reheat (Dehumidification) Dimension Codes															
				A	B	C	D	E	F	G	H	A	B	C	D	E	F	G	H
				Dimensions (inches)								Dimensions (mm)							
75/100	10A/20A/40A	000A	--	33-3/4	33-13/16	24-23/32	34-17/32	13-3/8	19-5/8	23-7/8	30-1/8	857	859	628	877	340	498	606	765
125/150	15B/30B/60B	000B	--	43-3/4	43-13/16	34-23/32	34-17/32	13-3/8	19-5/8	23-7/8	30-1/8	1111	1113	882	877	340	498	606	765
175/200/225	--	000C	130C/180C	33-3/4	33-13/16	24-23/32	43-7/8	15-3/8	21-5/8	27-7/8	34-1/8	857	859	628	1114	391	549	708	867
250/300	30D/60D/90D/120D	000D	250D	50	50-5/32	40-15/16	43-7/8	15-3/8	21-5/8	27-7/8	34-1/8	1270	1274	1040	1114	391	549	708	867
350/400A	40E/80E/120E	000E	350E	58	58-5/32	48-15/16	43-7/8	15-3/8	21-5/8	27-7/8	34-1/8	1473	1503	1243	1114	391	549	708	867

Dimensions - Draw-Through dH Cooling Coil Module for DX Coil

Applies to Models RDH, REH, RHH, and RXH Only

*Dimensions of DX
Cooling Coil Cabinet
with Reheat, Option
AU7*



*Dimensions of DX Cooling Coil Cabinet with Reheat
(inches and mm)*

RDH Size	REH Size	RHH Size	RXH Size	DX Cooling Coil Module with Reheat (Dehumidification) Dimension Codes															
				A	B	C	D	E	F	G	H	A	B	C	D	E	F	G	H
				Dimensions (inches)								Dimensions (mm)							
75/100	10A/20A/40A	--	000A	33-3/4	33-13/16	27	24	15-3/4	22	26-1/4	32-1/2	857	859	686	610	400	559	667	826
125/150	15B/30B/60B	--	000B	43-3/4	43-13/16	37	24	15-3/4	22	26-1/4	32-1/2	1111	1113	940	610	400	559	667	826
175/200/225	--	130, 180	000C	33-3/4	33-13/16	27	33-1/4	17-3/4	24	30-1/4	36-1/2	857	859	686	845	451	610	768	927
250/300	30D/60D/90D/120D	260	000D	50	50-5/32	43-1/4	33-1/4	17-3/4	24	30-1/4	36-1/2	1270	1274	1099	845	451	610	768	927
350/400A	40E/80E/120E	350	000E	58	58-5/32	51-1/4	33-1/4	17-3/4	24	30-1/4	36-1/2	1473	1503	1302	845	451	610	768	927

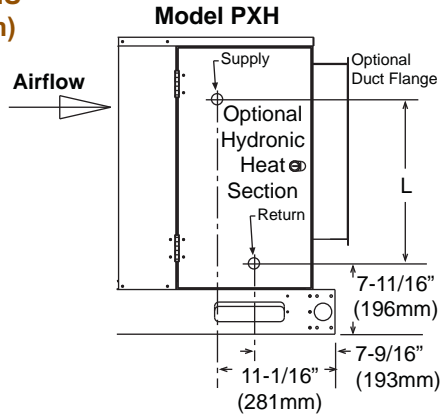
dH Coil Cabinet Net Weight

Cabinet Size	Model Size	Net Weight	
		lbs	kg
A	75, 100	497	(225)
B	125, 150	560	(254)
C	175, 200, 225	569	(258)
D	250, 300	687	(312)
E	350, 400A	751	(341)

OPTIONAL HYDRONIC HEATING MODULE CONNECTION LOCATIONS - DIMENSIONS ± 1/8" (3mm)

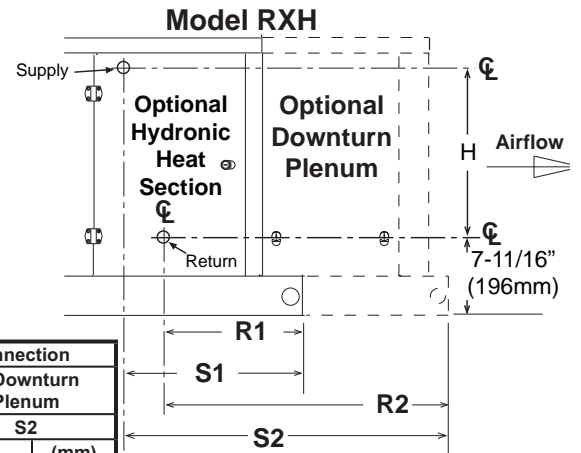
Model PXH

PXH	in. L	(mm) L
000A	23-1/8"	(587)
000B		
000C		
000D	33-1/8"	(841)
000E		



Model RXH

RXH w/ Hydronic Heating Coil Module	H		Hydronic Return Connection				Hydronic Supply Connection			
			w/o Downturn Plenum		w/Downturn Plenum		w/o Downturn Plenum		w/Downturn Plenum	
			R1		R2		S1		S2	
in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	
000A	23 1/8	(587)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000B	23 1/8	(587)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000C	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000D	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)
000E	33 1/8	(841)	7 9/16	(192)	35 5/16	(897)	11 1/16	(281)	38 13/16	(986)



SEPARATED COMBUSTION SYSTEMS

Applies to Separated Combustion Models SDH and SHH

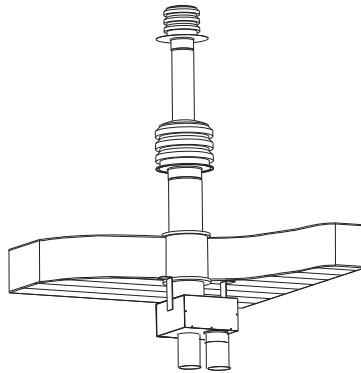
The manufacturer of Reznor heating equipment has pioneered separated combustion system technology, eliminating "open flame" combustion issues. This has resulted in a complete line of Reznor products using the separated combustion principle:

- Air for combustion is mechanically induced from outside the building, preventing dirt, lint, dust or other contaminants in the indoor atmosphere from entering the burner, pilot or combustion zone of the furnace.
- The air flow is metered to provide optimum and efficient combustion that is unaffected by negative building air pressure or wind.
- After combustion, the air is exhausted back to the outdoor atmosphere.

Another innovation by Reznor engineers - the concentric adapter - allows the combustion air inlet and the exhaust vents to run concentrically through one building penetration. This saves the time and expense of punching two holes in a roof or sidewall.

Approved vent terminals are illustrated. No other venting arrangements are approved or certified for use with Model SDH or SHH heaters. Either the horizontal vent/combustion air terminal kit (Option CC6) or the vertical vent/combustion air terminal kit (Option CC2) is required. Refer to Venting Installation Manual Form I-SDH-V or I-SHH-V. Contact your Reznor Representative at 800-695-1901 for more detailed information.

Separated Combustion Unit - Typical installation of one vertical vent terminal and concentric adapter. If vertical vent (Option CC2) is selected, a vertical vent terminal/combustion-air inlet assembly is provided for each furnace section.



Separated Combustion Unit - Showing typical installation of a single horizontal vent terminal and concentric adapter. When Option CC6 is ordered, one horizontal vent terminal/combustion air inlet assembly is provided for each furnace section.

