

Indoor Air Handlers

SSCBL

Extended Capacity, Power-Vented, Gas Fired, Indoor, Packaged Duct Furnaces/Blower Combination, 400,000 - 1,200,000 BTUH Input

- Orifices for natural gas
- Aluminized steel burners with stainless steel insert
- 208-volt power supply
- 24-volt control transformer
- Intermittent spark pilot



SHH

Super High Efficiency, Gas Heating, Separated Combustion, available in 4 sizes, 130MBH, 180MBH, 260MBH and 350MBH

- 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)

SDH

High Efficiency, Gas Heating, Separated Combustion, 11 sizes, 75 MBH - 400 MBH

- 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)

PDH

High Efficiency, Gas Heating, available in 11 sizes 75 MBH - 400 MBH

- 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

Indoor Air Handlers

PEH

Electric Heat, 4 Cabinet Sizes, 13 Electric Heat Sizes

- ETL certification
- 20°-75°F temperature rise (20° temperature rise not available on all sizes)
- Double wall cabinet construction (Model REH)
- Pre-coat white gloss cabinet finish (all units)
- Circuit breaker protected transformer for 24-volt controls

PXH

Configurable, Optional Hydronic Heating Module, Forward Curve Blowers allowing for Standard or High Efficiency Motors and VFD Control

- ETL certification
- Pre-coat white gloss cabinet finish (all units)
- Circuit breaker protected transformer for 24-volt controls
- Rubber-in-sheer vibration isolation

Vertical Indoor Air Handlers

CAUA with ACUA

Indoor, Vertical (Upflow) Split System Provides Efficient Heating, Cooling and/or Makeup Air, 150 - 400 MBH

- Orifices for natural gas
- Centrifugal blower
- Burner rack with inshot burners
- Direct ignition with 100% lockout
- Single-stage combination gas valve
- 230/1/60 supply voltage



Outdoor Air Handlers

RPBL

Extended Capacity, Power-Vented, Gas Fired, Outdoor, Packaged Duct Furnaces/Blower Combination, 400,000 - 1,200,000 BTUH Input

- Orifices for natural gas
- Aluminized steel heat exchanger (When inlet air temperature is below 40°F or temperature rise is less than 40°F, optional stainless steel heat exchanger is recommended)
- Aluminized steel burners with stainless steel insert
- 208-volt power supply



Outdoor Air Handlers

RBL

Packaged Air Handling Unit

- Blower/filter cabinet
- Twin centrifugal blowers
- 1 HP, open drip proof motor
- Permanently lubricated ball bearings (1 - 5 HP)
- Pillow block bearings (7-1/2 - 20 HP)
- Adjustable belt drive
- 115-volt supply voltage



RHH

Super High Efficiency, Gas Heating, available in 4 sizes, 130 MBH, 180 MBH, 260 MBH and 350 MBH

- 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

RDH

High Efficiency, Gas Heating, available in 11 sizes 75 MBH - 400 MBH

- 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

REH

Electric Heat, 4 Cabinet Sizes, 13 Electric Heat Sizes

- ETL certification
- 20°-75°F temperature rise (20° temperature rise not available on all sizes)
- Double wall cabinet construction
- 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
- Circuit breaker protected transformer for 24-volt controls

Outdoor Air Handlers

RXH

Configurable, Optional Hydronic Heating Module, Forward Curve Blowers allowing for Standard or High Efficiency Motors and VFD Control

- ETL certification
- Double wall cabinet construction
- 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
- Circuit breaker protected transformer for 24-volt controls
- Rubber-in-shear vibration isolation

Light Commercial Air Handlers

B6TM

For Split System Heat Pumps & Air Conditioners

- Two speed, 2 HP blower motor
- Coils constructed using 3/8" OD seamless copper tubing mechanically expanded to highly efficient aluminum fins to maximize heat transfer
- Coils shipped with a dry Nitrogen
- 7½ ton model is a single refrigeration circuit, 10 ton model is dual circuited
- Factory installed bi-flow expansion valves approved for straight cool or heat pump operation
- Drain pans coated for corrosion protection, ¾ inch FPT drain connection



B6BMMO

Multi-Speed, Multi-Poised, for Split System Heat Pumps & Air Conditioners 18,000 - 60,000 BTUH

- Galvanized steel durable, attractive cabinet with a polyester urethane finish
- Corrosion-resistant plastic drain pan
- Horizontal, upflow, downflow and vertical applications
- Plug-in wire connections, built-in filter rack
- Plug-in heater kits available in 5kW - 30kW (not for use in 115 volt units)



MB7EM

Multi-Speed, Multi-Poised, Three-Phase, 460Volt, Modular, for Split System Heat Pumps & Air Conditioners, 36,000, 48,000, 60,000 BTUH

- Cabinet designed using galvanized steel with a polyester urethane finish
- Horizontal, upflow, downflow and vertical applications
- Plug-in wire connections
- Plug-in heater kits available in 9kW - 15kW
- Circuit board incorporating blower time delay relay, low voltage terminal strip and heat-strip sequencing



ENERGY STAR® Certification. Awarded to products designed to reduce energy consumption and utility costs. To qualify, packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Packaged heat pumps must also have a Heating Seasonal Performance Factor (HSPF) of 8.2 or higher. Split system air conditioners and heat pumps must have a 15.0 SEER rating or higher and an EER of 12.5 or higher. Split system heat pumps must also have an HSPF of 8.5 or higher.

MAPS® Packaged Systems

RCC, RDC, RDCC, RECC, REDC, RCB, RDB, RDCB, RDDB, RECB, REDB

Cooling, Heating, Dehumidifying
MUA Rooftop Systems Cool and Heat High Volumes of Outside Air, Cooling Capacity 3,600 - 12,500 CFM – 20 Tons to 60 Tons

- IQ digital controller
- 20% - 100% capacity control
- Modulated capacity scroll compressor with internal motor overload
- Fully interlaced coils
- Double wall construction standard - R9 or higher value
- Hinged access doors with handles
- Re-Heat Pump™ dedicated reheat cycle
- 2 - 4 staged control
- Optional SCR control
- 3 - 8 Stages of cooling
- 6:1 gas modulation
- Natural and propane gas
- Hot gas reheat



Light Commercial Packaged Systems

DF6SF-B

iHybrid® Dual Fuel, 80,000 - 120,000 BTUH Input

- Copeland Ultra-Tech® Scroll state-of-the-art two-stage compressor
- Swept-wing fan blade combined with custom venturi condenser fan
- Compressor sound blanket
- 2-stage gas heat/2-stage cooling
- Variable-speed blower
- 15 SEER, 81% AFUE, 8.0 HSPF, 12 EER
- 2 - 5 ton



P8SE

Packaged Air Conditioner, Single and Three Phase, Installed on Roof or Slab

- 5-speed ECM blower motor provides wide range of airflows
- Copeland Scroll® state-of-the-art compressor
- Indoor and outdoor all aluminum coils
- TXV externally equalized provides precise refrigerant control under varying load conditions
- 14 SEER, up to 11.5 EER
- 3, 4 and 5 ton



Light Commercial Packaged Systems

Q6SE

Packaged Heat Pump, Single and Three Phase, Installed on Roof or Slab

- Copeland Scroll state-of-the-art compressor
- 5-speed ECM blower
- TXV externally equalized provides precise refrigerant control under varying load conditions
- Suction accumulator protects from liquid flood back and future compressor failures
- 14 SEER, 8.0 HSPF, 11 EER
- 2 - 5 ton



R6GF-B

Gas/Electric, Installed on Roof or Slab

- Copeland Ultra-Tech Scroll state-of-the-art two-stage compressor
- Swept-wing fan blade combined with custom venturi condenser fan
- Compressor sound blanket
- 2-stage heat/cool with variable-speed blower
- 15 SEER, 81% AFUE, 12 EER
- 2 - 5 Ton



R6GI

iQ Drive® Gas/Electric, Ultra-High Efficiency, Installed on Roof or Slab

- iQ Drive inverter driven Samsung rotary compressor
- Interface control board - two digit LED
- Cooling operation: 50 °F to 125 °F
- Five minute restart time delay
- EXV control - precise refrigerant superheat control provided by electronic expansion valve
- Suction accumulator protects from liquid flood back and future compressor failures
- Hinge access panel is provided to all controls and the compressor to make servicing easier for the contractor
- 20 SEER, 81% AFUE, up to 13 EER
- 2 - 5 Ton



R8GE

Packaged Gas/Electric

- ASHRAE 90.1 compliant
- State-of-the-art scroll compressor
- Two-stage cooling, 7 ½ & 10 ton
- Single-stage cooling, 6 ton
- Optional electric heat field installed 9 – 35 kW
- Copper tube/aluminum fin coils designed to optimize heat transfer
- 14 SEER, 81% AFUE, 11.2 EER





Light Commercial Packaged Systems

R8HE-A

Packaged Gas/Electric, Three Phase

- Copeland Scroll state-of-the-art compressor
- All aluminum indoor and outdoor coils
- Wire guard coated with earth friendly epoxy and plastic mesh never rust hail guard
- Access panels provided to all controls and the compressor
- Permanently lubricated heavy duty PSC motor requires no maintenance
- 95% AFUE, 14 SEER, up to 12 EER
- 2 - 5 ton



R7TQ

Packaged Gas/Electric

- Meet or exceed ASHRAE 90.1 - 2013
- Fits many Carrier pre-existing curbs
- Hinged access doors
- State of the art scroll compressor
- Two-stage heating & cooling
- High efficiency blower motor
- High-pressure switches featuring manual reset
- Hi/low service ports for easy service allow quick access
- Permanently lubricated heavy duty PSC motor requires no maintenance
- 12.7 IEER
- 6, 7 1/2 and 10 Ton



P7TQ

Packaged Electric/Electric

- Meet or exceed ASHRAE 90.1 - 2013
- Fits many Carrier pre-existing curbs
- Hinged access doors
- State of the art scroll compressor
- Two-stage cooling & single-stage heating
- High efficiency blower motor
- High-pressure switches featuring manual reset
- Hi/low service ports for easy service allow quick access
- Permanently lubricated heavy duty PSC motor requires no maintenance
- 12.9 IEER
- 6, 7 1/2 and 10 ton



Light Commercial Packaged Systems

Q7TQ

Packaged Electric Heat Pump

- Meet or exceed ASHRAE 90.1 - 2013
- Fits many Carrier pre-existing curbs
- State-of-the-art scroll compressor
- Two-stage cooling & heating
- High efficiency blower motor meets the requirements of NEMA 12/19/2010
- High-pressure switches featuring manual reset ensure long compressor life
- Hi/low service ports for easy service
- Permanently lubricated heavy duty PSC motor requires no maintenance
- 11.0 EER, 12.9 IEER, 3.3 COP
- 6 and 7 1/2 ton



Available
December 2018

Condensers

MASA

Optimized for use with any of the PREEVA Series of indirect fired HVAC systems

- 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, all aluminum 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



Limited Product Warranty. Reznor warrants to the original owner-user that these products will be free from defects in material or workmanship. For specific details see actual warranty or contact your Reznor sales representative.

Light Commercial Condensers

JS4BD

Split System Air Conditioner, Slab or Rooftop Mounting, 13 SEER, 3-Phase

- Galvanized steel cabinet with a polyester urethane finish
- Corrosion resistant composite base pan
- All aluminum outdoor coil
- Heavy duty permanently lubricated PSC motor requires no maintenance
- Full service brass valves are easily accessible and simplify servicing
- High pressure switch with auto-reset
- 3, 4 & 5 ton



JT4BE

Split System Heat Pump, Slab or Rooftop Mounting, 14 SEER, 8.0 HSPF

- Galvanized steel cabinet with a polyester urethane finish
- Corrosion resistant composite base pan
- All aluminum outdoor coil
- Heavy duty permanently lubricated PSC motor requires no maintenance
- Full service brass valves are easily accessible and simplify servicing
- Demand defrost control
- 3, 4 & 5 ton



S6BQ

Split System Air Conditioner, Slab or Rooftop Mounting, 12.9 IEER, Two-Stage

- State-of-the-art Copeland Ultra Tech® Scroll compressor
- High/low pressure switches
- Galvanized steel cabinet with a polyester urethane finish
- Copper tube/aluminum fin indoor and outdoor coils
- Heavy duty permanently lubricated PSC motor requires no maintenance
- 7 ½ & 10 ton



T6BQ

Split System Heat Pump, Slab or Rooftop Mounting, 12.2 IEER, 3.3 COP, Two-Stage

- State-of-the-art Copeland Ultra Tech Scroll compressor
- High/low pressure switches
- Galvanized steel cabinet with a polyester urethane finish
- Copper tube/aluminum fin indoor and outdoor coils designed to optimize heat transfer
- Heavy duty permanently lubricated PSC motor
- Time/temperature defrost control
- Suction accumulator protection
- Crankcase heater
- 7 ½ & 10 ton



Destratification

AEB

Vertical, Indoor or Outdoor, Cooling Capacity 3,000 - 150,000 CFM – 7.5 Ton to 200 Ton, Heating Capacity 200 - 6,000 MBH (Output)

- Indirect fired designed for indoor or outdoor installation where air turnover (destratification) is desired
- Hinged access doors with stainless steel piano hinges, compression latches and safety switch
- Numbered control wiring, terminal strip and component identification labels
- EEPAC high efficiency fan motor with adjustable 1.5 s.f. V-Belt drive
- Control transformer with service switch and circuit breaker
- All wiring external to control cabinet within BX cable or conduit



Evaporative Cooling

REC

For Makeup Air, designed as freestanding module with duct flanges for connection upstream from an air moving device

- Easily accessible, self-cleaning, high-efficiency evaporative media of 6" rigid cellulose media
- Thermally protected water pump
- Electrical motor-protection float switch with stainless steel arm
- Float valve and bleed line
- 115 volt supply voltage
- Terminal block wiring



Ventilation Air (DOAS)

ZQYRA

Hybrid IAQ Ventilator, 600 - 1,500 CFM

- Modulating direct expansion heat pump system
- Durable total enthalpy wheel (ARI Certified)
- Field convertible vertical or horizontal flanged supply/return air openings
- Outdoor intake & exhaust rain hoods
- MERV 8 filters for outside and return air streams
- Long lasting G90 painted exterior
- Full double wall insulated construction in supply air stream
- Bottom lifting lugs
- Simple user interface to setup and control unit
- Supply & return fans: electronically commutated motor (ECM) - 96% efficiency



Dedicated Outdoor Air Systems (DOAS)

YDHA

Space Conditioning, 1,000 - 10,000 CFM
 - 5 Tons to 30 Tons, Heating Capacity
 75 - 600 MBH Gas Heat - 10 - 90 kW
 Electric Heat

- High efficiency digital scroll technology
- Exceeds ASHRAE standard 90.1 requirements
- Includes T_{CORE}³® condensing heat technology
- Fully interlaced coils
- Compressor anti-cycle programming
- Natural gas or propane furnace
- Double wall foam panel construction - R13
- Hinged access doors with slam latches
- Condensing gas heat (92%)
- Integral energy recovery
- Low ambient dehumidification operation
- Slide out: heat exchanger(s), fan & wheel



YDMA

Makeup Air Ventilation, 1,000 - 10,000 CFM
 - 5 Tons to 30 Tons, Heating Capacity
 75 - 800 MBH - 10 - 90 kW
 Electric Heat

- High efficiency digital scroll technology
- ECM condenser fans and optimized coil designs
- Exceeds ASHRAE standard 90.1 requirements
- Includes T_{CORE}³ condensing heat technology
- Fully interlaced coils
- Compressor anti-cycle programming
- Natural gas or propane furnace
- Double wall foam panel construction - R13
- Hinged access doors with slam latches
- Condensing gas heat (92%)
- Integral energy recovery
- Low ambient dehumidification operation
- Slide out: heat exchanger(s), fan & wheel



Optional Accessories

CL1

Single-Stage Heating/Cooling Thermostat

- 24 Volt
- 50° - 90°F
- Non-programmable
- For Model RPB only



CL9

Override Thermostat for Electronic Modulation

- Low voltage
- MUA applications
- Electronic modulating
- vertical mounting
- 60-85°F
- SPST
- Line voltage



CL22

Two-Stage Heating/Cooling Thermostat

- 24 Volt
- 50° - 90°F
- Non-programmable



CL23

Electronic Two-Stage Heating/Cooling Thermostat

- 7-Day programmable
- Microprocessor control
- 24 VAC
- LCD touch-screen display
- Selectable output staging



CL33 Wall & RCT5 Console Mounts

Electronic Programmable Thermostat

- 24 Volt
- Up to 2 stages heating/cooling
- Auxiliary relay



CL52 Wall & RTC9 Console Mounts

Electronic Single-Stage Heating/Cooling Thermostat

- 5 Day/2 Day Programmable
- LCD Display



CL77

4 Wire Space Mounted Sensor Display provides IQ system information:

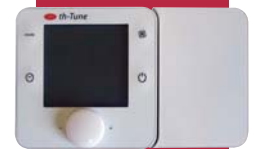
- Degree C or F
- Occupied/unoccupied mode
- Temperature setpoint buttons
- Fan speed control



CL78

Wall Mounted DDC Temperature Monitor

- Space temperature and humidity sensor with room setpoint adjustment
- 5 wire device, 3 wire communication
- 24 volt power and ground



RB5

Wall Mounted Remote Monitory Display

- Display allows access to unit test features, schedules, discharge air setpoints, fan control, alarms
- 4 wire device
- 2-wire 24 VAC power
- 2-wire communication



Specifications and illustrations subject to change without incurring obligation.

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