

### 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<sub>CORE</sub><sup>3</sup> combustion system with T<sub>CORE</sub><sup>CR</sup> 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<sub>CORE</sub><sup>2</sup> 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<sub>CORE</sub><sup>2</sup> 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<sub>CORE</sub><sup>3</sup>® combustion system with T<sub>CORE</sub><sup>CR</sup> 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<sub>CORE</sub><sup>2</sup>® 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

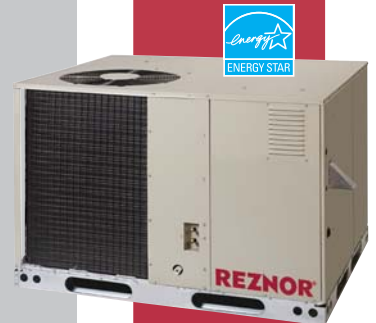
- Copeland Scroll state-of-the-art compressor
- 5-speed ECM blower
- TXV externally equalized provides precise refrigerant control under varying load conditions
- Suction accumulator protects from liquid flood back and future compressor failures
- 14 SEER, 8.0 HSPF, 11 EER
- 2 - 5 ton



### 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



iQ  
Drive



## Light Commercial Packaged Systems

### 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



### 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 ½ and 10 Ton



## Light Commercial Packaged Systems

### 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, 7½ and 10 ton



## 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<sub>CORE</sub><sup>3</sup>® 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<sub>CORE</sub><sup>3</sup> 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 selectable
- 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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