

Vertical Indoor Air Handlers

CAUA with ACUA

Indoor, Vertical (Upflow) Split System Provides Efficient Heating, Cooling and/or Makeup Air, 150 - 400 MBH (heat)/5 - 20 DX cooling

- Orifices for natural gas
- Centrifugal blower
- Burner rack with inshot burners
- Direct ignition with 100% lockout
- Single-stage combination gas valve
- Multiple inlet air configurations



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
- DDC plus electro-mechanical control options



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)
- Dedicated reheat DX/chilled water coil
- 5 - 20 tons split DX custom coil
- Custom chilled water coil
- DDC plus electro-mechanical control options

Indoor Air Handlers

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)
- Cooling options same as SHH model
- DDC plus electro-mechanical control options

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)
- DDC plus electro-mechanical control options

PEH

Electric Heat, 4 Cabinet Sizes, 13 Electric Heat Sizes (22 - 120 kW)

- 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)
- DDC plus electro-mechanical control options

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)
- DDC plus electro-mechanical control options

Outdoor Air Handlers

RPB/RPBL

Extended Capacity, Power-Vented, Gas Fired, Outdoor, Packaged Duct Furnaces/ Blower Combination, 100,000 - 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



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)
- DDC plus electro-mechanical control options
- Evaporative cooling available



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 100°F temperature rise (optional 120°F)
- DDC plus electro-mechanical control options

REH

Electric Heat, 4 Cabinet Sizes, 13 Electric Heat Sizes (20 - 120 kW)

- 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
- DDC plus electro-mechanical control options
- SCR electric heat control

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
- DDC plus electro-mechanical control options

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



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
- Heater kits available in 10 - 36 kW



B6MMO

Multi-Speed, Multi-Posed, 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)



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

- 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



Light Commercial Packaged Systems

R7TQ

Packaged Gas/Electric

- Meet or exceed ASHRAE 90.1 - 2013
- Fits Carrier pre-existing curbs, eliminating the cost of an adaptor curb
- Hinged access doors for easy access to blower, controls and filters
- State-of-the-art scroll compressor
- 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
- 90 VA Transformer: Includes 4 Amp circuit breaker to protect the low voltage circuit
- Factory liquid line filter driers installed for convenience
- Crankcase heater provides protection from liquid flood back and future compressor failures
- Two-stage heating & cooling
- All-aluminum coils for high corrosion resistance and increased heat transfer; 30% less refrigerant to reduce costs and save time
- 12.7 IEER
- 6, 7½, 10 and 12½ 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
- 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
- Two-stage cooling & single-stage heating
- 12.9 IEER
- 6, 7½, 10 and 12½ ton



DF6SF

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

- 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

- 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

QGSE

Packaged Heat Pump, Single and Three Phase

- 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

Gas/Electric, Installed on Roof or Slab, Single Phase

- 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, Single Phase

- 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

- State-of-the-art Copeland Scroll compressor
- All-aluminum coils
- High and low pressure switches for added compressor protection
- Horizontal or downflow convertible air delivery
- SmartLite® ignition control board
- 14 SEER, 81% AFUE, 11.2 EER



R8HE

Packaged Gas/Electric, Single and Three Phase

- Copeland Scroll state-of-the-art compressor
- All-aluminum indoor and outdoor coils
- Powder coated wire guard 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



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



Light Commercial Condensers

WSA2BD/WSH2BE

Split System 13 SEER Air
Conditioner/14 SEER Heat Pump,
Slab or Rooftop Mounting, 3-Phase

- Wire guard and mesh hail guard protect against flying debris and other hazards
- 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
- Demand defrost control
- 3, 4 & 5 ton



BSA2BD/BSH2BD & BSA2BE/ BSH2BE

Builder's Series Split System Air
Conditioner/Heat Pump, Slab or
Rooftop Mounting, 13 SEER, 7.7
HSPF & 14 SEER, 8.0 HSPF

- Mesh hail guard protects against flying debris and other hazards
- 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
- 2 - 5 ton



S6BQ/T6BQ

Split System Air Conditioner/Heat
Pump, 12.9 IEER/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 requires no maintenance
- Crankcase heater
- 7 ½ & 10 ton



Heat Pump additional features:

- Time/temperature defrost control
- Suction accumulator protection

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



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)

R7DA

Dedicated Outdoor Air System (DOAS), 6 - 12 tons
packaged DX

- Patented hot gas reheat
- Low, medium & high gas heat
- 304 stainless steel heat exchanger
- 208/230V & 460V power
- Unit mounted disconnect available
- Standard thermostat connection
- 5.8 ISMRE efficiency meets standard 90.1-2016
- R410-A refrigerant
- Lightweight all-aluminum evaporator coil
- Corrosion proof drain pan
- Overflow alarm switch available
- High altitude & propane conversion kits
- Field convertible horizontal supply & return
- DDC plus electro-mechanical control options
- BACNet available
- Outdoor air available (field or factory installed)
- 2 position manual & motorized outdoor air intake available (factory or field installed)
- Filtered (MERV 5) & hooded intake
- CO2 demand control available
- Building pressurization control



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



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.

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 Monitor 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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