Unit Heaters

**UEAS**
Gas-Fired, Super High Efficiency, Separated Combustion, Low Static, 4 sizes, 131,000 - 305,000 BTUH Input
- Up to 93% thermal efficient
- 50-60°F temperature rise range
- Natural gas (propane conversion kit included)
- Tcore® 409 stainless steel primary heat exchanger with extruded aluminum MacroChannel secondary heat exchanger (patent pending)

**UDAS**
Gas-Fired, Separated Combustion, Low Static, 14 sizes, 30,000 - 400,000 BTUH Input
- Sizes 30-400 certified for commercial/industrial heating application
- Sizes 30-125 carry additional approval for residential garage/workshop heating applications
- 82-83% thermal efficient, 50-60°F rise range
- Tcore® titanium stabilized aluminized steel heat exchanger

**UDAP**
Gas-Fired, Power Vented, Low Static Axial Fan, 14 sizes, 30,000 - 400,000 BTUH Input
- Sizes 30-400 certified for commercial/industrial heating application
- Sizes 30-125 carry additional approval for residential garage/workshop heating applications
- 82-83% thermal efficient, 50-60°F rise range
- Tcore® titanium stabilized aluminized steel heat exchanger

**UDBS**
Gas-Fired, Separated Combustion, High Static Blower, 14 sizes, 30,000 - 400,000 BTUH Input
- 82-83% Thermal efficient
- 45-75°F Rise range - Sizes 30-350
- 50-80°F Rise range - Size 400
- Tcore® titanium stabilized aluminized steel heat exchanger
- Patented single burner combustion system

**UDBP**
Gas-Fired, Power Vented, High Static Blower, 14 sizes, 30,000 - 400,000 BTUH Input
- 82-83% Thermal efficient
- 45-75°F Rise range - Sizes 30-350
- 50-80°F Rise range - Size 400
- Tcore® titanium stabilized aluminized steel heat exchanger
- Patented single burner combustion system

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Unit Heaters

**F**
Gas-Fired, Gravity-Vented, Fan-Type, 25,000 - 400,000 BTUH Input
- Orifices for natural gas
- Aluminized steel heat exchanger
- Aluminized steel burner rack with stainless steel insert
- Spark ignited, intermittent safety pilot with electronic flame supervision
- Single-stage combination gas valve (field adjustable for high altitude operation)

**B**
Gas-Fired, Gravity-Vented, Blower-Type, 25,000 - 400,000 BTUH Input
- Orifices for natural gas
- Aluminized steel heat exchanger
- Aluminized steel burner rack with stainless steel insert
- Spark ignited, intermittent safety pilot with electronic flame supervision
- Single-stage combination gas valve (field adjustable for high altitude operation)

**OH**
Oil-Fired, Fan Type, 118,000, 173,000 and 229,000 BTUH
- 82% efficiency
- Full automatic, thermostatically controlled operation
- Low stress, 18 gauge steel heat exchanger
- Heavy, 13 gauge steel combustion chamber
- 115/1/60 supply voltage
- 24-volt control voltage

**OT**
Fuel Oil Tank, 250 Gallon, Single-Wall, Indoor, UL-Listed, applies to Models OH
- Designed with a work bench top that allows the tank to be used as a work area
- Large (12-1/2 sq. ft.) work surface with 2" side and rear
- Retainer lips and 3" legs for “toe space”

**WS**
Indoor, Suspended, Steam or Hot Water Hydronic, 13,000 - 350,000 BTUH Input, Air Volume 270 - 4,750 CFM
- Heat exchanger composed of steel tubes and aluminum fins spaced approximately 10-1/2 fins per inch
- Painted tubing heat exchanger and aluminum fins
- Hot water applications
- Fan/motor assembly includes galvanized fan guard
- Vertical or horizontal configuration
Large Capacity Unit Heaters

LDAP
Indirect Fired, Indoor, Downflow, Packaged Heater, 400 MBH, 800 MBH and 1200 MBH
- 83% thermal efficient
- 55°F temperature rise range
- Patented combustion system
- Titanium stabilized aluminized steel heat exchangers
- 206 or 230 single phase supply voltage

Duct Furnaces/Gas Heating

EEDU
Energy Efficient Indoor, Power-Vented, Gas-Fired, 75,000 - 400,000 BTUH Input
- Available for natural and LP gas
- Thermocore aluminized steel heat exchanger with venturi-design tubes
- Intermittent spark pilot
- Single-stage 24-volt gas valve
- Aluminized steel heat exchanger
- Aluminized steel burners with stainless steel insert
- 120-volt supply voltage
- Factory-installed power venter

SC
Indoor, Separated Combustion, Gas-Fired, 100,000 - 400,000 BTUH Input
- Available for natural and LP gas
- 80% thermal efficient
- Intermittent spark pilot
- Single-stage 24-volt gas valve
- Aluminized steel heat exchanger
- Aluminized burners with a stainless steel insert
- 115 volt supply voltage
- 115 volt venter motor with stainless steel shaft
- 24 volt control voltage transformer

Gas Radiant Heaters

RIHN, RIHVN, RIHL & RIHVL
Indoor, Gas-Fired, High Intensity, Infrared, 30,000 - 200,000 BTUH Input for Natural Gas, 50,000 - 120,000 BTUH Input for Propane
- 115 volt operation for single-stage models, 24 volt operation for 2-stage models
- Direct spark ignition, 100% safety shut-off
- Solenoid gas valve, 1/2" NPT inlet
- Ceramic combustion surface temperature up to 1850°F, capable of reaching full intensity temperature in less than 30 seconds
- Seamless aluminized steel plenum chamber with stainless steel ceramic tile retainer clips
- Venturi mixer of spun metal construction for precision metering of air/gas mixture
- Highly polished aluminum reflector
- Balanced suspension holes, 3/8" diameter
**Gas Radiant Heaters**

**VPS**
Indoor, Gas-Fired, Tubular Radiant, Low Intensity, 60,000 to 200,000 BTUH Input
- Available for natural and LP gas
- Full input rate for elevations up to 2,000 ft.
- 115/1/60 supply voltage
- Multi-try direct ignition with soft lockout
- Single-stage combination gas valve
- Pre-purge and post-purge

**VPT**
Indoor, Gas-Fired, Tubular Radiant, Low Intensity, 60,000 to 200,000 BTUH Input
- Available for natural and LP gas
- Full input rate for elevations up to 2,000 ft.
- 115/1/60 supply voltage
- Multi-try direct ignition with soft lockout
- Two-stage combination gas valve
- Pre-purge and post-purge

**VCS**
Indoor/Outdoor, Harsh Environment, Gas-Fired, Tubular Radiant, Low Intensity, 60,000 to 200,000 BTUH Input
- Available for natural and LP gas
- Stainless steel (300 series grade) burner box
- Full input rate for elevations up to 2,000 ft.
- 115/1/60 supply voltage
- Multi-try direct ignition with soft lockout
- Single-stage combination gas valve
- Pre-purge and post-purge

**VCT**
Indoor/Outdoor, Harsh Environment, Gas-Fired, Tubular Radiant, Low Intensity, 60,000 to 200,000 BTUH Input
- Available for natural and LP gas
- Stainless steel (300 series grade) burner box
- Full input rate for elevations up to 2,000 ft.
- 115/1/60 supply voltage
- Multi-try direct ignition with soft lockout
- Two-stage combination gas valve
- Pre-purge and post-purge

**Destratification**

**AEB**
Vertical, Indoor or Outdoor, Air Turnover Unit with Optional Heating, 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

**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
Dedicated Outdoor Air Systems (DOAS)

R7DA
Gas/Electric Packaged DOAS System
- Easy control section access
- Unit mounted disconnect available
- 208/230V & 460V power
- Terminal wiring connections
- Standard thermostat connection
- Single power
- 5.8 ISMRE efficiency meets standard 90.1-2016
- R410-A refrigerant
- Driers & TXV
- Lightweight all-aluminum evaporator coil
- ½ the refrigerant use
- Corrosion proof drain pan
- Overflow alarm switch available
- Patented hot gas reheat
- Low, medium & high gas heat
- 304 stainless steel heat exchanger
- High altitude & propane conversion kits
- Four corner bottom lifting connections
- Field convertible horizontal supply & return
- Panels replace vertical holes
- Enhance security burglar bars (return & supply access available)
- Economizer Title 24 compliant with filtered 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

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
- 10kW auxiliary heat
- SCR control of auxiliary heat
- Unit mounted display
- Corrosion-proof sloped drain pan

Dedicated Outdoor Air Systems (DOAS)

YOHA
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 Tcore³® 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 Tcore³® 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

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
- 10kW auxiliary heat
- SCR control of auxiliary heat
- Unit mounted display
- Corrosion-proof sloped drain pan
**Electric Heaters**

**EGEB**
Cyclone Commercial Unit Heater, 1 or 3-Phase
- Almond color
- Epoxy/polyester powder paint finish
- 208V, 240V, 277V, 347V, 480V, 600V
- Draw-through design for more evenly heated air
- Specially designed outlet diffuser provides maximum air velocity
- Individually adjustable louvers
- High-limit temperature control with automatic reset
- 18- and 20-gauge steel

**EGHB**
Industrial Suspended Unit Heater
- Almond color
- Epoxy/polyester powder paint finish
- 208V, 240V, 277V, 347V, 480V, 600V
- 1 or 3-phase, some units may be field converted from 3 to 1-phase
- 18 and 20-gauge steel
- Adjustable louvres to direct airflow
- High-limit temperature control with automatic reset
- 18- and 20-gauge steel

**EGW**
Economical Unit Heater, 240/208V, 1-Phase
- Almond color
- Epoxy/polyester powder paint finish
- 20-gauge steel
- Adjustable louvres to control airflow
- High-limit temperature control with automatic reset (first level) and single operation thermal fuse (second level)

**EGP**
Portable Heater, 240/208V, 1-Phase
- Almond color
- Epoxy/polyester powder paint finish
- Handle may be used as a reel for the electric cable
- 6 ft. (2 m) molded electric cable
- High-limit temperature control with automatic reset and operation pilot light
- Electrical insulating mica plates

**Electric Heaters**

**EXUB**
Explosion-Resistant Unit Heater
- Red color
- Epoxy/polyester powder paint finish
- 208V, 240V, 480V, 600V
- 1 or 3-phase
- 14-gauge steel cabinet
- Adjustable anodized aluminum louvers
- Cast aluminum control and element enclosure lids NEMA Type 7 and 9 with O-ring
- Multiple horizontal stiffening fan guard wires

**EWHB**
Wash Down Unit Heater, 1 or 3-Phase
- 208V, 240V, 480V, 600V
- 16-gauge, stainless steel, moisture and corrosion resistant housing
- Adjustable, stainless steel outlet louvres
- Stainless steel rear grille to protect against accidental contact with the fan blade
- High-limit temperature control with automatic reset (manual reset available upon request)
- NEMA 4X non-metallic electrical enclosure
- Disconnect switch (40A maximum) available

**ECR & ECS**
Ceiling Forced-Air Diffuser
- White, almond, metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black colors*
- Epoxy/polyester powder paint finish
- 208V, 240V, 277V, 347V, 480V, 600V
- 1 or 3-phase
- Outlet grille made of flat ribbon wire
- High-limit temperature control with automatic reset

**EMC**
Forced-Air Cabinet Unit Heater
- White, almond, metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black colors*
- Epoxy/polyester powder paint finish
- 208V, 240V, 277V, 347V, 480V, 600V
- 1 or 3-phase
- 18-gauge steel
- Extruded aluminum bar grilles
- Field changeable air inlet and outlet
- High-limit temperature control with automatic reset

* Custom colors available upon request
Electric Heaters

**EHA**
Forced-Air Architectural Wall Heater
- White, almond, metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black colors*
- Epoxy/polyester powder paint finish, optional anodized aluminum
- 120V, 208V, 240/208V, 277V, 347V, 480V, 600V, 1-phase
- Extruded aluminum front grille, 1/8 in. (3.2 mm) thick
- Bottom air outlet
- High-limit temperature control with automatic reset

**EHC**
Commercial Wall Heater
- White, almond, metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black colors*
- Epoxy/polyester powder paint finish
- 120V, 208V, 240/208V, 277V, 347V, 480V, 600V, 1 or 3-phase
- 18-gauge steel front cover
- Bottom air outlet
- High-limit temperature control with automatic reset

**EHL**
Residential Wall Heater
- White, almond, metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black colors*
- Epoxy/polyester powder paint finish
- 120V, 208V, 240/208V, 1-phase
- 20-gauge steel cabinet
- 22-gauge steel front cover
- High-limit temperature control with automatic reset

**EBHB**
Electric Baseboard Heater
- White semi-gloss powdered paint finish, almond optional
- 4H pencil hardness epoxy/polyester powder coat paint finish
- 120V, 208V, 240/208V, 277V, 347V, 480V, 600V, 1-phase
- Robust 22-gauge tight fit body
- Sturdy 20-gauge front panel with design embossed lines
- Welded 20-gauge junction box to back wrap, easy rear access wiring panel

* Custom colors available upon request

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 TCORE® combustion system with TCORECR® 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 TCORE2® 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 TCORE2® 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
### Outdoor 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

**PKH**
- 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-shear 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

**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

**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)
- Circuit breaker protected transformer for 24-volt controls

**RHH**
- Super High Efficiency, Gas Heating, available in 4 sizes, 130 MBH, 180 MBH, 260 MBH and 350 MBH
- Patented Tc2® combustion system with Tc2® 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 Tc2® 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

**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
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
- Non-programmable
- 50° - 90°F
- For Model RPB only

**CL9**
Override Thermostat for Electronic Modulation
- Low voltage
- Electronic modulating
- 60-85°F
- MUA applications vertical mounting
- SPST
- Line voltage

**CL22**
Two-Stage Heating/Cooling Thermostat
- 24 Volt
- Non-programmable
- 50° - 90°F

**CL23**
Electronic Two-Stage Heating/Cooling Thermostat
- 7-Day programmable
- 24 VAC
- LCD touch-screen display
- Microprocessor control
- Selectable output staging

**CL33 Wall & RCT5 Console Mounts**
Electronic Programmable Thermostat
- 24 Volt
- Auxiliary relay
- Up to 2 stages heating/cooling

Optional Accessories

**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 selectable
- Temperature setpoint buttons
- Occupied/unoccupied mode button
- 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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