

REZNOR®

HEATING, COOLING & VENTILATION

PRODUCT LINE

CAPACITIES

30 - 1,200 MBH

270 - 13,500 CFM

APPLICATIONS

Offices

Retail stores

Restaurants

Clinics

Conference centers

Religious

Schools



TIME TESTED. CONTRACTOR APPROVED.

REZNOR® HEATING & VENTILATION PRODUCT LINE

UNIT HEATERS

All UEZ, UDX, UBZ, UDX & UBX Models Feature

- Integrated circuit board with 7 segment display
- External status indicating LED
- Hinged door with ¼ turn latch
- Improved cabinet design with removable front face and two tone white and black powder paint
- Patented single burner combustion system

UEZ

Gas-Fired, High Efficiency, Separated Combustion, Low Static Axial Fan Commercial/Industrial, 7 sizes, 55,000 - 305,000 BTUH Input

- 91-93% thermal efficient
- Natural gas or propane capable
- 50-60°F temperature rise range
- Reznor® logo embossed on bottom of unit
- 131,000 Capacity and larger units utilize TCore³® 409 stainless steel primary heat exchanger



UDZ

Gas-Fired, Separated Combustion, Low Static Axial Fan Commercial/Industrial, 14 sizes, 30,000 - 400,000 BTUH Input

- Sizes 30-125 MBTUH carry additional approval for residential garage/workshop heating applications
- 82-83% thermal efficient, 50-60°F rise range
- Reznor logo embossed on bottom of unit
- TCore²® titanium stabilized aluminized steel heat exchanger



UBZ

Gas-Fired, Separated Combustion, High Static Blower Fan Commercial Industrial, 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
- Reznor logo embossed on bottom of unit
- TCore² titanium stabilized aluminized steel heat exchanger



UNIT HEATERS

UDX

Gas-Fired, Power Vented, Low Static Axial Fan Commercial/Industrial, 14 sizes, 30,000 - 400,000 BTUH Input

- Sizes 30-125 MBTUH carry additional approval for residential garage workshop heating applications
- 82-83% thermal efficient, 50-60°F rise range
- TCore² titanium stabilized aluminized steel heat exchanger



UBX

Gas-Fired, Power Vented, High Static Blower Fan Commercial/Industrial, 14 sizes, 30,000 - 400,000 BTUH Input

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- 45-75°F Rise range - Sizes 30-350 50-80°F Rise range - Size 400
- TCore² titanium stabilized aluminized steel heat exchanger



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, 400,000 - 1,200,000 BTUH Input

- 83% thermal efficient
- 55°F temperature rise range
- Patented combustion system
- Titanium stabilized aluminized steel heat exchangers
- 208 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



X

Indoor, Gas-Fired, Gravity-Vented, 75,000 - 400,000 BTUH Input

- Available for natural and LP gas
- 80% thermal efficiency
- Intermittent spark pilot
- Single-stage 24-volt gas valve
- Aluminized steel heat exchanger
- Aluminized steel burners with stainless steel insert
- 120-volt supply voltage



DUCT FURNACES/GAS HEATING

HRPD

Outdoor, Power-Vented, Dual, Eight Sizes Available, 250,000 - 800,000 BTUH Input

- Available for natural and LP gas
- Integral power vent system provides metered combustion air, dilutes flue products and eliminates the need for vent caps
- Thermocore aluminized steel heat exchanger with venturi-design tubes
- 80% thermal efficiency
- Aluminized steel heat exchangers (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
- 120-volt supply voltage



RP

Rooftop, Gas-Fired, Power-Vented, 125,000 - 400,000 BTUH Input

- Available for natural and LP gas
- Integral power vent system provides metered combustion air, dilutes flue products and eliminates the need for vent caps
- 80% thermal efficiency
- Thermocore aluminized steel heat exchanger with venturi-design tubes
- 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
- 120-volt supply voltage



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

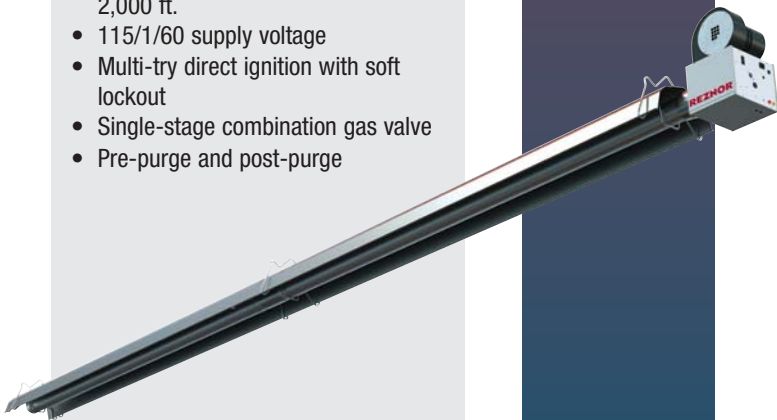
- 115 volt operation for single-stage models, 24 volt operation for 2-stage models
- Direct spark ignition, 100% safety shut-off
- Solenoid gas valve, 1/2" NPT inlet
- Ceramic combustion surface temperature up to 1850°F, capable of reaching full intensity temperature in less than 30 seconds
- Seamless 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



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



GAS RADIANT HEATERS

VPT

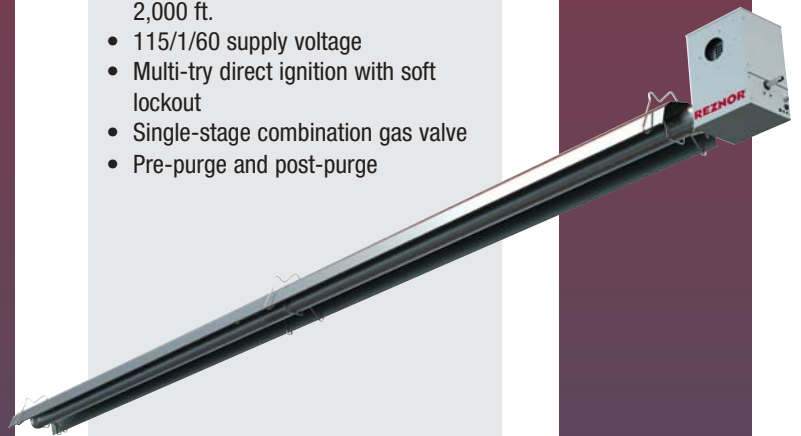
Indoor, Gas-Fired, Tubular Radiant, Low Intensity, 60,000 to 200,000 BTUH Input

- 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

ELECTRIC HEATERS

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



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)



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



ELECTRIC HEATERS

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

Ceiling Forced-Air Diffuser

- White, almond
- 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



ECS

Ceiling Forced-Air Diffuser

- White, almond
- 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



ELECTRIC HEATERS

EMC

Forced-Air Cabinet Unit Heater

- White, almond
- 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



EHA

Forced-Air Architectural Wall Heater

- White, almond
- 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
- 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



ELECTRIC HEATERS

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

VERTICAL INDOOR AIR HANDLERS

CAUA

Indoor, Vertical (Upflow) Split System Provides 81% Efficient Heating, and/or Makeup Air, 150 - 400 MBH (heat), 1,600-6,500

- 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
- 230/1/60 supply voltage



INDOOR AIR HANDLERS

SSCBL

Extended Capacity, Separated Combustion, Gas Fired, Indoor, Packaged Duct Furnaces/Blower Combination, 400-1,200 MBH, 3,300-13,500 CFM

- Orifices for natural gas
- Aluminized steel burners with stainless steel insert
- 208-volt power supply
- 24-volt control transformer
- Intermittent spark pilot
- Fan and limit safety controls
- Reverse air flow limit
- Options for complete stainless steel heat exchanger and burner components
- DDC plus electro-mechanical control options



OUTDOOR AIR HANDLERS

RPB/RPBL

Extended Capacity, Power-Vented, Gas Fired, Outdoor, Packaged Duct Furnaces/Blower Combination, 100-1,200 MBH, 1,025-13,500 CFM

- 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
- 24-volt control transformer
- Intermittent spark pilot
- Fan and limit safety controls
- Reverse air flow limit
- Twin centrifugal blowers with adjustable belt drive
- Pre-wired to terminal blocks
- Power venter



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 vertical mounting
- Electronic modulating
- SPST
- 60-85°F
- 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
- Selectable output staging
- LCD touch-screen display



CL33 Wall & RCT5 Console Mounts

Electronic Programmable Thermostat

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



CL77

4 Wire Space Mounted Sensor Display provides IQ system information:

- Degree C or F selectable
- Occupied/unoccupied mode button
- Temperature setpoint buttons
- Fan speed control
- LCD Display



OPTIONAL ACCESSORIES

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



RTC9 Console Mounts

Electronic Single-Stage Heating/Cooling Thermostat

- 5 Day/2 Day Programmable
- LCD Display



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.

REZNOR®

ReznorHVAC.com

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