

# REZNOR<sup>®</sup>

## Industry-Leading Unit Heaters



**Gas, Electric & Hydronic Solutions for  
Commercial, Industrial & Residential Comfort**

**ALLIES IN COMFORT**

# More than just unit heaters with Reznor.

You get the industry's finest equipment backed by an outstanding warranty and 130+ years of heating expertise and innovation. Reznor continues to solve future needs now as industry and customer needs change.

Recent offerings include gas, electric and hydronic unit heaters that support sustainability and greenhouse gas reduction. Yet more examples of Reznor's tradition of developing cutting edge, high-performing heating products.

## Enhancing comfort, well-being and productivity in buildings and homes with innovative heating solutions

Building occupants, business owners and residential customers get comfort and peace of mind with our cost-effective heating solutions. Contractors get products that are faster, easier, and safer to install and service leading to more sales and satisfied customers.

Look for Reznor unit heaters in factories, warehouses, greenhouses, water treatment plants, retail shops, automotive facilities, home garages and workspaces, and many more places.



## Services

We handle product service requirements through contractors and/or distributors with backup from local representatives and the factory. Replacement parts are maintained at service centers throughout the country and at manufacturing facilities.

### SIGNATURE DESIGN FEATURES

- Compact construction to save space in any given application
- Distinctive design with removeable front face and beveled edge
- Three-tone glossy, scratch-resistant paint
- Clean metal panels without any visible screws or fasteners
- Tooled, rounded, vertical corners (30 to 125) and edges

### INSTALLATION & SERVICE FEATURES

- Patented single burner combustion system
- Hinged service door with 1/4 turn latch
- Door safety strap to prevent door drops
- External terminal strip for easy 24V wiring of thermostat
- Quick-glance external status LED blinks when service is required
- Built-in on/off switch for quick and easy diagnoses
- Integrated circuit board with error code display for quick and easy troubleshooting
- Vibration/noise isolated fan and venter motors for low noise operation
- Full fan guards for added safety

# Gas-Fired Unit Heaters

Reznor achieved several firsts in the industry starting with the first gas-fired unit heater in 1920. We were also first to mount our units, offer high-efficiency models and separated combustion units. Reznor fulfills all sizes of projects with the ideal blend of value and performance resulting in minimal up-front and operating costs while providing optimum comfort.

## Models UDXC & UBXC Universal Gas Unit Heaters

- Power-vented low-static axial fan (model UDXC)
- High-static blower fan (model UBXC)
- 14 sizes from 30,000 to 400,000 BTUh optimize cost and capacity
- 82 to 83% thermal efficiency
- Natural gas standard (propane conversion kit available)
- External gas connection for easier installation
- Sealed control compartment houses all electrical components
- Field convertible to separated-combustion using added kit
- TCORE2® titanium-stabilized aluminized-steel heat exchanger
- Certified for commercial/industrial heating applications (all UBXC sizes and only UDXC sizes 30 to 400)
- Approved use in residential garages and workshops (only UDXC sizes 30 to 125)



### FACTORY-INSTALLED OPTIONS

- Stainless-steel heat exchanger
- Single- or 2-stage gas control

#### *UDXC only:*

- Open drip-proof or totally-enclosed motor
- 115/1/60 (volts, phase, Hz)

#### *UBXC only:*

- 115/1/60, 208/1/60, 230/1/60, 208/3/60, 230/3/60, 460/3/60, or 575/3/60 (volts, phase, Hz)
- Various motor, starter, and drive options
- Duct flange\*
- Inlet blower guard and belt guard\*

### FIELD-INSTALLED OPTIONS

- Vertical louvers and various downturn nozzle options
- Manual gas shutoff valve
- Various stepdown transformer options
- Thermostat options
- Multiple unit control (up to five units)
- High-elevation pressure switch
- Propane conversion and separated-combustion conversion kits
- Vent cap (stainless-steel available on UDXC only)
- Various hanger kits (UDXC only)
- Hanger kit for suspension from 1-inch threaded pipe (UBXC only)

\*May be field-installed

# Gas-Fired Unit Heaters

## Model UEZ High Efficiency Condensing Unit Heater

- Ultimate efficiency, aesthetics, durability, and cleanliness
- Lowest electrical usage and clearances on the market
- 91 to 93% thermal efficiency
- Power-vented low-static axial fan
- 7 sizes from 55,000 to 310,000 BTUh
- Natural gas standard (propane conversion kit included)
- 50 to 60 °F temperature rise range
- TCORE3™ 409 stainless steel primary heat exchanger (sizes 130 to 310)
- Flow-optimized secondary heat exchanger with MacroChannel® design (sizes 130 to 310)
- 115/1/60 (volts, phase, Hz)
- All sizes certified for commercial/industrial applications
- Sizes 55, 85, 110 certified for use in residential garages and workshops



### FACTORY-INSTALLED OPTIONS

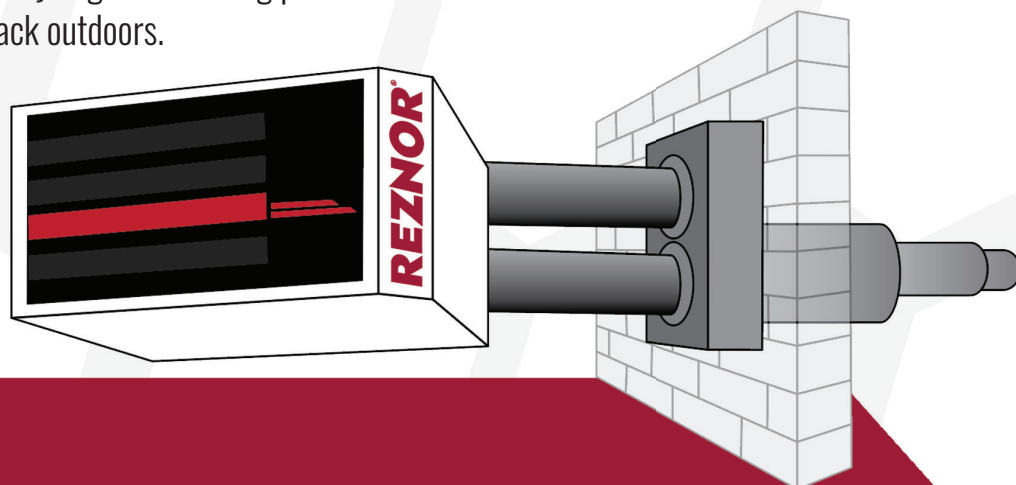
- High-elevation modification
- Open drip-proof or totally-enclosed motor

### FIELD-INSTALLED OPTIONS

- Vertical and horizontal vent assemblies
- Vertical louvers and various downturn nozzle options
- Manual gas shutoff valve
- Hanger kits
- Single-stage thermostat
- Multiple unit control (up to five units)

### Reznor® separated combustion systems enhance space safety.

Separated combustion unit heaters use outside air for combustion to enhance space safety by preventing dirt, lint, dust or other contaminants within the indoor atmosphere from being burned. This results in optimum and efficient combustion unaffected by negative building pressure or wind that can cause nuisance shutdowns. After combustion, the air is exhausted back outdoors.



# Gas-Fired Unit Heaters

## Model LDAP High Bay Large Capacity Heater

- Power-vented high-velocity downflow heater
- 3 sizes from 400,000 to 1,200,000 BTUh
- 83% thermal efficiency
- Destratification fan recycles heat back down to the floor; can be run in summer without heat to create a cooling effect
- 55 °F temperature rise range
- TCORE2® heat exchanger
- 208 or 230 single phase supply voltage
- High temperature limit switches



### FACTORY-INSTALLED OPTIONS

- 208/1/60 or 230/1/60 (volts, phase, Hz)
- Natural gas standard (propane conversion kit available)
- Aluminized-steel or 409 stainless-steel heat exchanger
- Single- or 2-stage gas control (not available on 800 & 1200)

### FIELD-INSTALLED OPTIONS

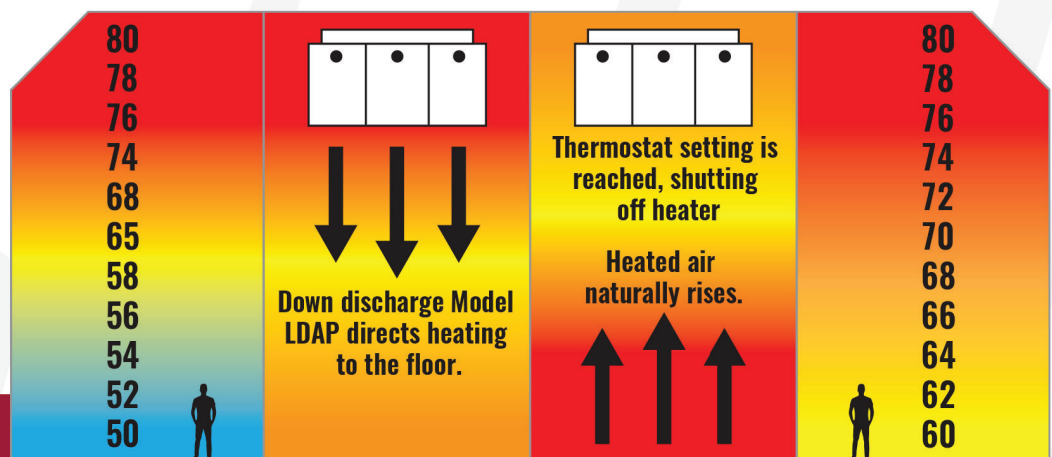
- Vent cap
- Vertical louvers and various downturn nozzle options
- Manual gas shutoff valve
- Thermostats
- Vertical and horizontal vent assemblies
- Single-stage thermostat
- Multiple unit control (up to five units)
- Hanger kit for suspension from 1-inch threaded pipe
- High-elevation pressure switch

### Advantages of destratification – “Free” heat & “Free” cool

In forced air heating applications, warm heated air is thrown to the floor heating where needed, but over time, the air tends to collect at the ceiling. Destratification means less run time on unit heaters, lower building operating costs, and improved space comfort.

Instead of heat remaining at the ceiling or escaping through the roof, a monitor (separate from wall mounted thermostat) on Model LDAP senses buildup of heat at the ceiling. This monitor triggers fans at a slower speed to destratify air and send “free” heat back to the floor.

Using fan(s) in the summer can improve working conditions by alleviating stagnant air conditions and creating a cooling effect for occupants.



# Electric Unit Heaters

Reznor EUH series electric unit heaters support sustainability and greenhouse gas reduction when paired with zero emission, naturally generated electricity. Model EUH offers a wide variety of capacities including multi-stage units to enable cost-saving operation and lower up-front costs. EUH heaters allow building owners to achieve their decarbonization goals with an industry-best lead-time.

- Electric resistive, low-static axial fan unit heater
- Enables sustainability when supplied with naturally generated electricity
- Solution to meet building decarbonization goals
- 8 sizes from 3 to 30 kW
- Multi-voltage/phase capable models reduce inventory and simplify product selection
- Multiple controls options including 24V thermostat, BMS, or even a simple wall switch
- Multiple mounting options including wall hangers, 2 downrod ceiling hangers or low clearance
- Automatic resetting high-temperature limit
- Enhanced safety with air-proving switch protection
- Standard two-point suspension and wall hanger on all unit sizes
- Simple fan on control without added relays
- Readily available repair parts since common parts with Reznor gas-fired unit heaters
- For indoor spaces like entryways, stairwells, hallways; also for heat/freeze protection
- ETL certified to UL Standard 2021, Fixed and Location-Dedicated Electric Room Heaters



## FACTORY-INSTALLED OPTIONS

- 208/1, 208/3, 240/1, 240/3, 277/1, 480/3, or 600/3\*  
(volts, phase, Hz)
- Lockable, non-fused disconnect switch

\*Some voltages not available on all unit sizes.

## FIELD-INSTALLED OPTIONS

- Multiple unit control
- Single-stage, 2-stage or BACnet®-capable thermostats
- Locking covers for thermostats
- Remote ON/OFF switch
- Hanger kit for 1-inch threaded pipe
- Angle brackets for low ceiling mounting

# Hydronic Unit Heaters

## Model UWS Hot Water Heaters

Model UWS hot water unit heaters offer ground-breaking performance, reliability, and flexibility packaged in an industry-leading commercial design. An effective alternative to gas heating, UWS hydronic heaters improve building sustainability and reduce carbon footprint when paired with a high efficiency boiler or a hot water heat pump.

- Low-static axial fan hot water unit heater
- 9 sizes from 10,000 to 191,000 BTUh
- Requires hot water for supplied heating energy source
- Industry's best heat exchanger with copper tube/aluminum fin coil for medium temperature water applications
- Unique fin spacing optimizes coil efficiency, reduces maintenance, maximizes flow area, and minimizes contaminants
- Exclusive, front-facing design with water connections on back of unit hiding unsightly connections
- Designed for 140 °F entering water temperature to support high efficiency hot water heating systems
- Leading airflow directional control options from horizontal to vertical and all angles in between
- Multi-speed fan for tailored air delivery and quiet operation
- 115/1/60 (voltage/phase/Hz)
- Two-point (horizontal discharge) or four-point (vertical discharge) suspension standard on all unit sizes



### FIELD-INSTALLED OPTIONS

- Vertical louvers and various downturn nozzle options
- Single-stage thermostat
- Remote ON/OFF switch

## MORE THAN UNIT HEATERS

Look to Reznor for heating all your spaces, whether industrial, commercial or residential. Choose from our comprehensive selection of gas-fired, electric or hydronic options.

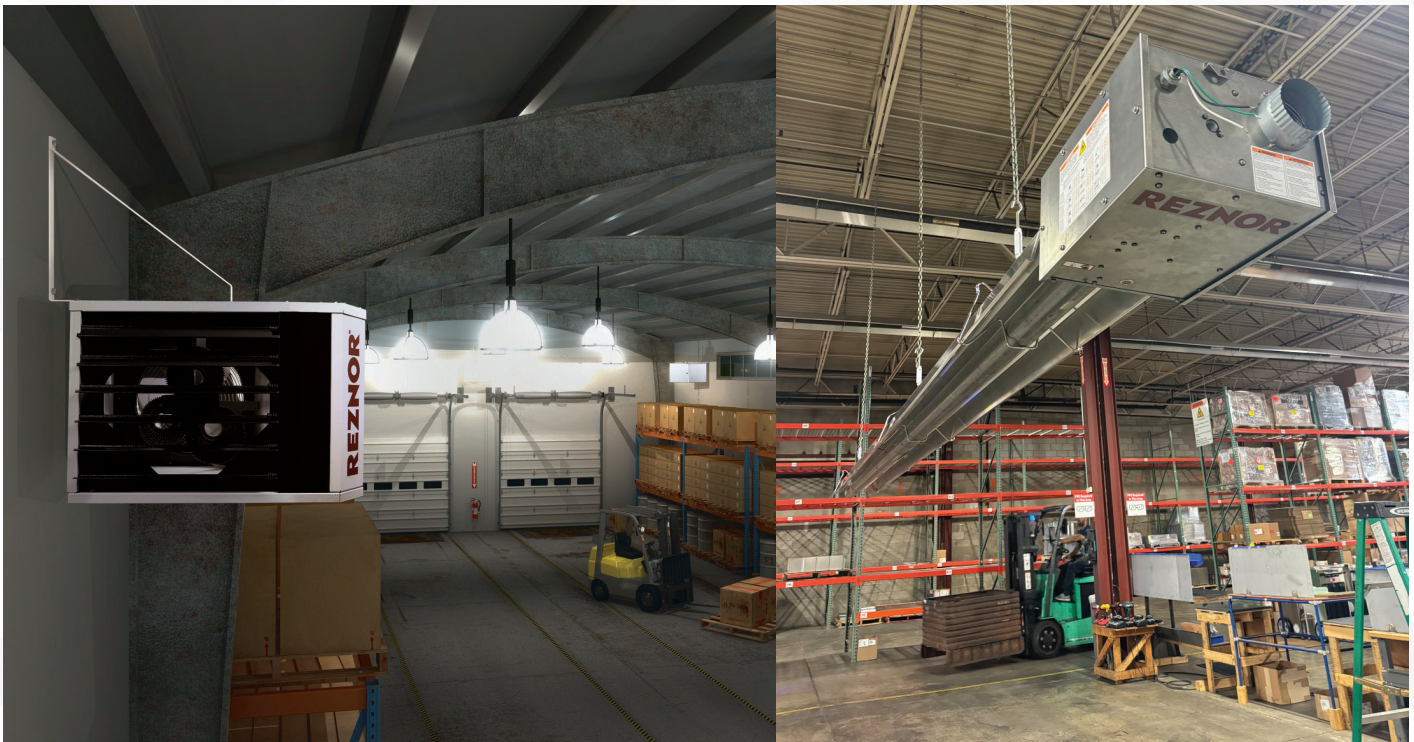
Our unit heaters are second to none, but that's not all we're focused on. Reznor offers a complete line of HVAC solutions to meet all your heating, cooling, and makeup air needs. Explore our complete product line on [ReznorHVAC.com](http://ReznorHVAC.com).

### Reznor also offers:

- Destratification fans
- Radiant heaters
- Duct furnaces
- Air curtains
- Air handlers
- Wall-mounted heaters
- Ceiling-mounted heaters
- Electric baseboard heaters

# Model Comparison

MODEL	UDXC	UBXC	UEZ	LDAP	EUH	UWS
Type	Gas-Fired (Natural Gas/Propane)				Electric	Hydronic
Heating Range (MBTUh)	30-400		55-310	400-1200	10-103 (3-30 kW)	10-191
Thermal Efficiency (%)	82-83		91-93	83	100	N/A
Axial Propeller Fan	Yes	No	Yes	Destratification Fan	Yes	Yes
Ductable Blower	No	Yes	No	No	No	No
Separated Combustion	Yes-Field Convertible		Yes	No	No	No



Intertek



Call your Reznor® Rep to find a product that works for you 800.695.1901.  
Visit [reznorhvac.com](http://reznorhvac.com) for more information on the Reznor® product line.