

Reznor[®] Unit Heater Portfolio

About Reznor

- Founded in 1888 in Mercer, Pennsylvania
- First gas fired unit heater in 1920
- Acquired by Nortek Global HVAC in 2014
- Industry leaders in unit heater innovation
 - 1st to suspend a gas fired unit heater
 - 1st to offer high efficiency
 - 1st to offer separated combustion
- In 2021, Reznor launched its first new unit heater design in 18 years




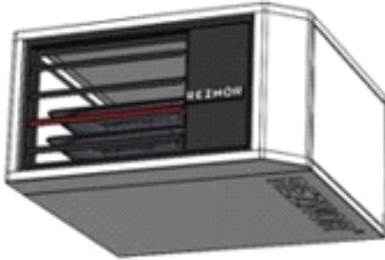
2021 Redesign

The best unit heater made even better.

Voice of Customer

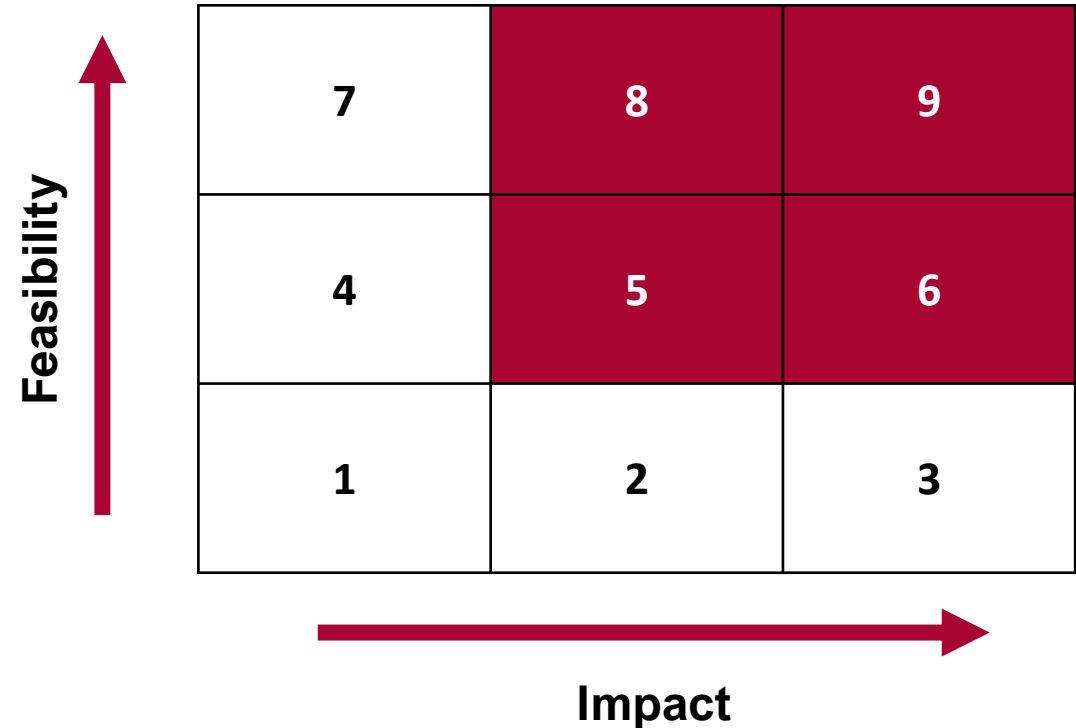
- Asked contractors and representatives for their feedback
- Helped to identify value added features not obvious to the manufacturer
- Improved product based on customer feedback

Voice of Customer

Model	Style	Capacity Range	Efficiency	Corner Design	Front Appearance	LED Go/No Go Light	Multiple Unit Control System	Replaceable HX	Hinged Door	Captive Door (Must Lift Off)	Removable Screw to Close Door	7-Segment Control Panel	On/Off Rocker Control Display	Quiet Fan Blade	Integrated Thermostat Control
UDX	Power Vented	30-400	83%	30-125 will have tooled bottom											⊕ ⊖
				125-400 will have square corners											
UDZ	Seperated Combustion	30-125	83%	All will have rounded corners											

Unit Heater Teardown

- Deep analysis of how our product compares to competition
- Disassembled each unit piece by piece
 - Inspected each component individually
 - Brainstormed product improvement ideas and prioritized highest impact features in project scope
- Inspected main competitors' product



Note: Focus on Items in Quadrants 5, 6, 8 and 9

New Features

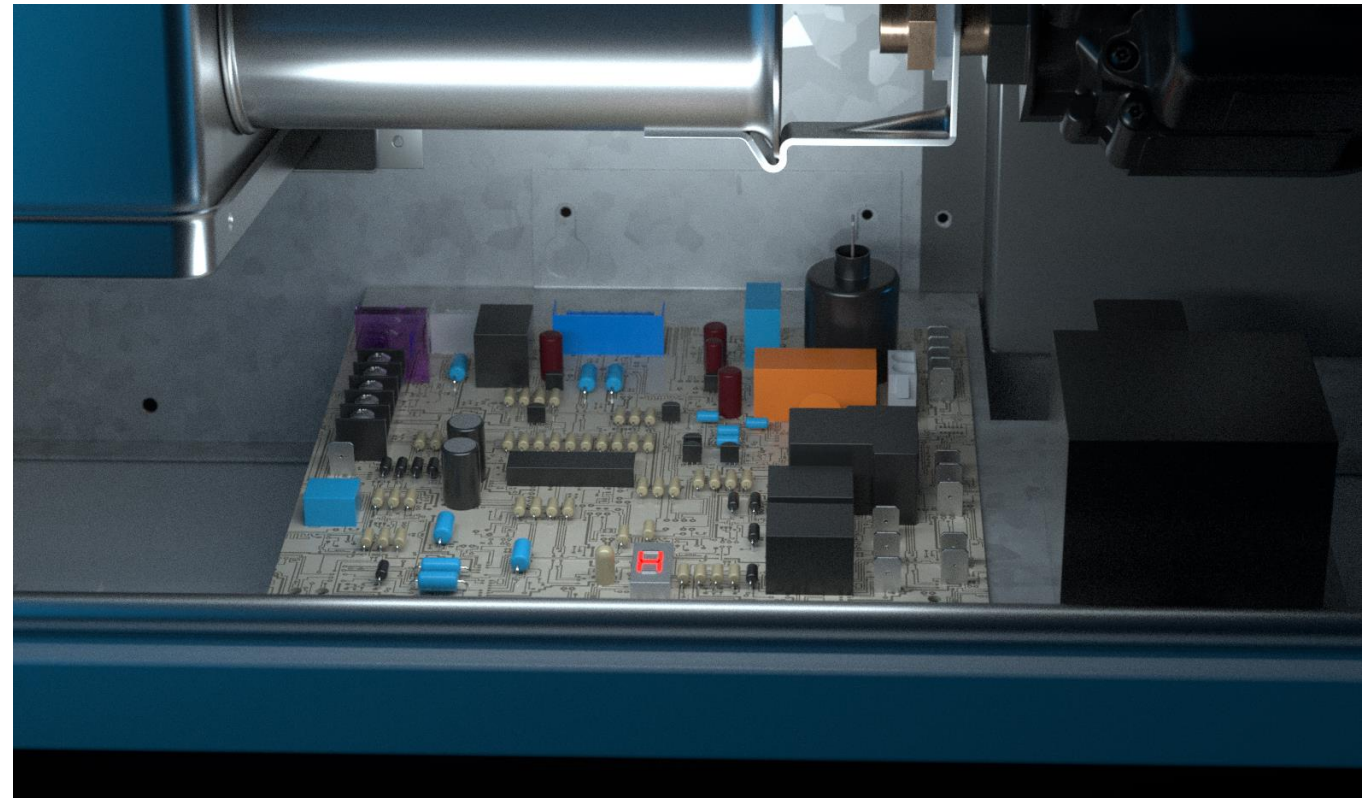
External Status Indicating LED

- Easily viewable from the ground
- Green flash indicates a fault code
- Solid green indicates unit is functional and operating



7-Segment Display Board

- Quick and easy troubleshooting
- Digital display
- Easy code verification



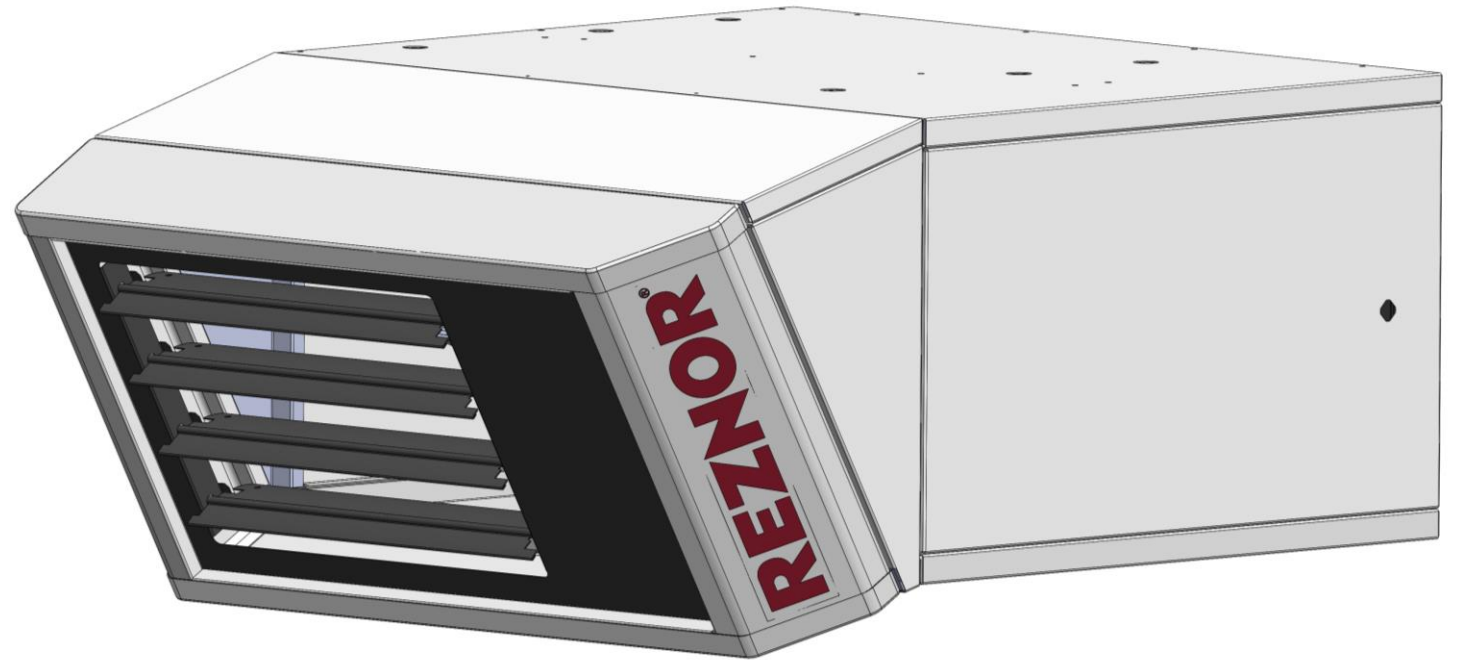
Hinged Service Door

- Easy screwdriver ¼ turn latch
- Completely removeable for service in tight spaces
- Safer service (removes the likelihood of a dropped tool or door)
- Ground strap attaches door to unit so it cannot fall



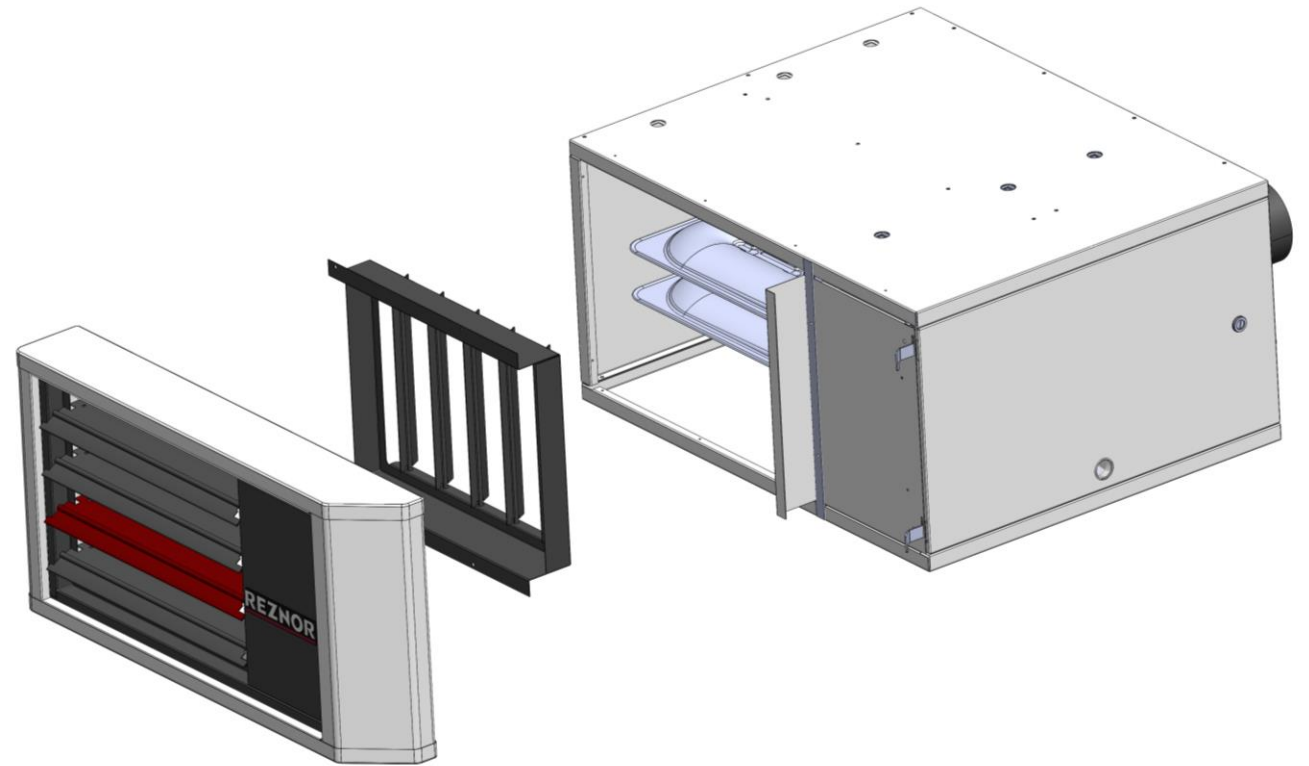
Integrated Downturn Nozzle

- Nozzle design provides an integrated appearance
- Downturn capabilities
 - 30 degrees
 - 60 degrees (modular, using two 30-degree nozzles)



Internal Vertical Louvers

- Aesthetically superior look
- Better air distribution
- Safer design with no sharp edges protruding the face of the unit



Aesthetic

- Two-tone black and white, powder coated paint scheme
 - 3rd red tone on premium unit louvers
- No visible screws or fasteners
- Recessed front panel creates depth of design
- 30,000-125,000 BTUH models include tooled front panel w/rounded edges
- Premium models embossed with Reznor logo



The Lineup

Nomenclature	Designation
U	Unit Heater
D	82-83% Axial Fan
E	93% Axial Fan
B	82-83% Blower Fan
X	Standard Combustion
Z	Separated Combustion

UEZ

- MacroChannel[®] design on the secondary heat exchanger for easier maintenance
- Separated combustion
- Up to 93% thermal efficiency
- 130,000, 180,000, 260,000, 310,000 BTUH



UDZ/UBZ

- Separated combustion
- 82-83% thermal efficiency
- 30,000-400,000 BTUH
- UDZ sizes 30-400 certified for commercial/industrial applications
- UDZ sizes 30-125 approved for use in residential garages and workshops



UDX/UBX

- Power vented
- 82-83% thermal efficiency
- 30,000-400,000 BTUH
- UDX sizes 30-400 certified for commercial/industrial heating applications
- UDX sizes 30-125 approved for use in residential garages and workshops



New Design Installation Considerations

- Mounting holes and configurations remain the same as legacy units
- Electrical specs change minimally on some models due to component changes
- No change to wiring ampacities or overcurrent protection sizing
- Flush wall vent (CC14) is no longer available
- Category 3 venting
 - All refreshed models can be vented horizontally or vertically
- Category 1 venting
 - Sizes 30, 45, 60 and 75 approved for vertical applications only

WS

- Hydronic/steam unit heaters
- Capacities available from 18,000-350,000 BTUH
- Copper or steel coils available
- Vertical or horizontal configuration



Electric Heaters

- EGHB electric unit heaters for high airflow applications
- EXUB explosion resistant unit heaters for applications with combustibles
- Other electric heaters:
 - Portable unit heaters
 - Architectural cabinet heaters
 - Wall-mounted heaters
 - Ceiling-mounted heaters
 - Wash-down stainless steel heaters



EGHB



EXUB

More Than Unit Heaters

- Duct furnaces
- Electric & gas radiant heaters
- Packaged air conditioners
- Air handlers
- Condensers
- Variable refrigerant flow systems
- Makeup air & dedicated outdoor air systems



Literature Library

- Scan the QR code below to visit the Reznor literature library

