

Reznor UDXC-60 | 1043185R

Reznor UDXC-60 60,000 BTU Propane Gas Unit Heater Instruction Manual

Model: UDXC-60 | 1043185R

Brand: Reznor (by 1HVAC)

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Reznor UDXC-60 60,000 BTU Propane Gas Unit Heater. Designed for commercial, industrial, and residential spaces such as workshops, warehouses, and garages, this unit offers reliable and powerful heating. Please read all instructions thoroughly before proceeding with installation or operation.

SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- **Professional Installation:** Installation must be performed by a qualified installer, service agency, or gas supplier.
- **Fuel Type:** This unit is designed for Liquid Propane (LP) gas. Ensure your fuel supply matches the unit's requirements.
- **Ventilation:** Proper venting is crucial to prevent carbon monoxide poisoning. Ensure all venting is installed according to local codes and manufacturer guidelines.
- **Clearances:** Maintain adequate clearances from combustible materials as specified in the installation instructions.
- **Electrical Safety:** Disconnect all electrical power before servicing the unit.
- **Carbon Monoxide Detector:** Install and maintain a carbon monoxide detector in the heated space.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

PRODUCT FEATURES AND OVERVIEW

The Reznor UDXC-60 is a high-performance propane gas unit heater designed for various indoor environments.



Image: Front view of the Reznor UDXC-60 propane gas unit heater, showcasing its compact design and front grille.

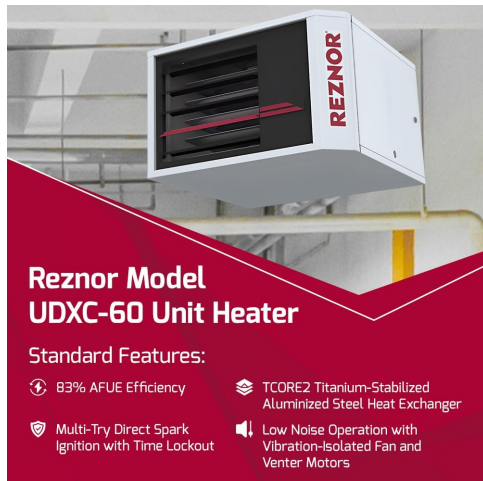


Image: Diagram highlighting key features such as 83% AFUE Efficiency, TCORE2 Titanium-Stabilized Aluminized Steel Heat Exchanger, Multi-Try Direct Spark Ignition, and Low Noise Operation.

Key Features:

- **Fuel Type:** LP (Liquid Propane) fueled, with an easy-to-install LP Kit for conversion from natural gas.
- **Heat Output:** 60,000 BTU rated, with two heating levels: low fire (34,860 BTU) for milder days and high fire (49,800 BTU) for colder conditions.
- **Efficiency:** Achieves an 83% thermal efficiency rating.
- **Construction:** Features a TCORE2 titanium-stabilized aluminized steel heat exchanger for durability.
- **Controls:** Integrated circuit board with display, built-in disconnect, and status-indicating LED.
- **Operation:** Quiet operation due to a vibration/noise isolated low static pressure axial propeller fan and power venting.
- **Design:** Improved cabinet design with a removable front face and a hinged access door panel with a quarter-turn latch for easy maintenance.
- **Mounting:** Threaded-nut retainers at four suspension points for ceiling or wall mounting (mounting hardware sold separately).
- **Venting:** Compatible with vertical Cat 1 double wall B-vent or horizontal Cat 3 single wall vent pipe.

SETUP AND INSTALLATION

Proper installation is critical for the safe and efficient operation of your Reznor UDXC-60 heater. It is highly recommended that installation be performed by a certified HVAC professional or gas technician.

Pre-Installation Checklist:

1. **Location Selection:** Choose a location that provides adequate clearance from combustibile materials and allows for proper air circulation. Consider ceiling or wall mounting options.
2. **Fuel Supply:** Ensure a stable and appropriate LP gas supply is available. The included LP Kit must be installed if converting from natural gas.
3. **Venting System:** Plan for a suitable venting system (vertical Cat 1 double wall B-vent or horizontal Cat 3 single wall vent pipe) to safely exhaust combustion byproducts.
4. **Electrical Supply:** Verify that the electrical supply (3.8 Amps) meets the unit's requirements.
5. **Mounting Hardware:** Acquire appropriate mounting brackets or hardware for your chosen installation method (ceiling or wall).

Mounting:

The unit features threaded-nut retainers at four suspension points. Securely attach the heater to a structurally sound ceiling or wall using appropriate mounting hardware (not included). Ensure the unit is level and stable.

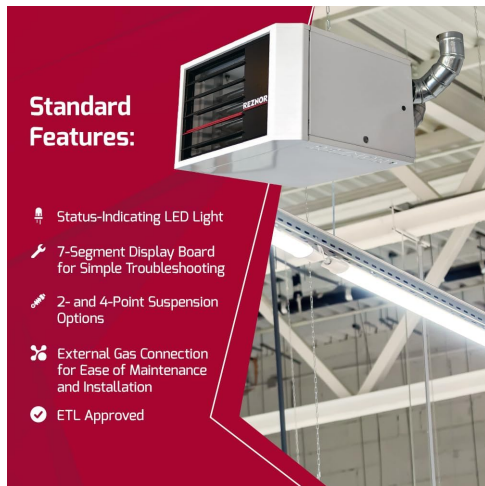


Image: A Reznor UDXC-60 unit heater suspended from a ceiling, demonstrating a typical installation scenario.



Image: A vertical view of the Reznor UDXC-60 unit, illustrating its suitability for wall mounting.

Gas and Electrical Connections:

Connect the LP gas supply to the unit's external gas connection. Follow all local and national gas codes. Wire the unit to the appropriate electrical supply, ensuring all connections are secure and meet electrical safety standards. The unit includes a built-in disconnect for safety.

OPERATING INSTRUCTIONS

Your Reznor UDXC-60 heater is designed for user-friendly operation.

Initial Startup:

1. **Verify Connections:** Before starting, double-check all gas, electrical, and venting connections for tightness and proper installation.
2. **Gas Supply:** Ensure the LP gas supply valve is open.
3. **Power On:** Turn on the electrical power to the unit.
4. **Thermostat Setting:** Set your thermostat to the desired temperature. The unit will automatically cycle on and off to maintain the set temperature.

Heating Output:

The UDXC-60 features two heating output levels:

- **Low Fire (34,860 BTU):** Suitable for milder cool days or maintaining a comfortable temperature.
- **High Fire (49,800 BTU):** For the coldest times of the year, providing maximum heat output.

The integrated circuit board with display and status-indicating LED will provide operational feedback. Refer to the detailed installation manual for specific error codes or operational indicators.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Reznor UDXC-60 heater.

Recommended Maintenance Schedule:

1. **Monthly (During Heating Season):**
 - Visually inspect the unit for any signs of damage, leaks, or obstructions.
 - Check the air intake and exhaust vents for blockages.
2. **Annually (Before Heating Season):**
 - Have a qualified technician perform a thorough inspection and cleaning of the heat exchanger, burner, and fan assembly.
 - Check gas pressure and electrical connections.
 - Verify proper operation of safety controls.

The improved cabinet design with a removable front face and hinged access door panel simplifies access for maintenance.

TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
Heater does not turn on	No power, thermostat set too low, gas supply off, safety lockout.	Check power supply, adjust thermostat, open gas valve, check LED indicator for error codes.
Insufficient heat	Incorrect thermostat setting, obstructed airflow, low gas pressure.	Increase thermostat setting, clear obstructions from vents/fan, contact technician for gas pressure check.
Unusual noises	Loose components, fan imbalance, motor issue.	Turn off unit and inspect for loose parts. If noise persists, contact a technician.

The status-indicating LED and 7-segment display board can assist in troubleshooting by providing diagnostic codes. Consult the full technical manual for a complete list of codes and their meanings.

SPECIFICATIONS

Brand:	Reznor (by 1HVAC)
Model Number:	UDXC-60 1043185R
Heat Output:	60,000 BTU (rated)
Low Fire Output:	34,860 BTU
High Fire Output:	49,800 BTU
Thermal Efficiency:	83%
Fuel Type:	Liquid Propane (LP)
Amperage:	3.8 Amps
Product Dimensions:	32.72"D x 27"W x 16.75"H
Form Factor:	Ceiling Mounted (also suitable for wall mount)
Room Type:	Garage, Warehouse, Indoor Shop
Special Feature:	Fast Heating, Quiet Operation

WARRANTY INFORMATION

The Reznor UDXC-60 heater comes with the following warranty coverage:

- **9 Year:** Heat Exchanger, Burner, and Flue Collection Box Assembly.
- **4 Year:** All Electrical and Mechanical Components.

To ensure a valid warranty, installation must comply with all local and state codes. Keep your proof of purchase and installation records.

CUSTOMER SUPPORT

For technical assistance, parts, or warranty claims, please contact the manufacturer or your authorized dealer. Ensure you have your model number and serial number ready when contacting support.

Visit the [1HVAC Store on Amazon](#) for additional product information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question