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> UTY 30,000 BTU Natural Gas/Propane Wall Heater Instruction Manual

## UTY 30,000 BTU Vent-Free Dual Fuel Wall Heater

# UTY 30,000 BTU Natural Gas/Propane Wall Heater Instruction Manual

Model: 30,000 BTU Vent-Free Dual Fuel Wall Heater

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your UTY 30,000 BTU Vent-Free Dual Fuel Wall Heater. Please read all instructions carefully before installation and use. Keep this manual for future reference.

## IMPORTANT SAFETY INFORMATION

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**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.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- This appliance is for indoor use only. Do not use outdoors.
- Ensure adequate ventilation. Vent-free heaters consume air from the room.
- Keep children and pets away from the heater.
- Never operate the heater if any part has been submerged in water.
- Do not place clothing or other flammable materials on or near the heater.
- Always use a qualified installer or service agency for installation and repairs.

## PRODUCT OVERVIEW

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The UTY 30,000 BTU Vent-Free Dual Fuel Wall Heater is designed to provide supplemental heating for indoor spaces. It operates on either natural gas or liquid propane, offering flexibility. The unit features radiant heating technology and can be mounted on a wall or used freestanding with the included base legs.

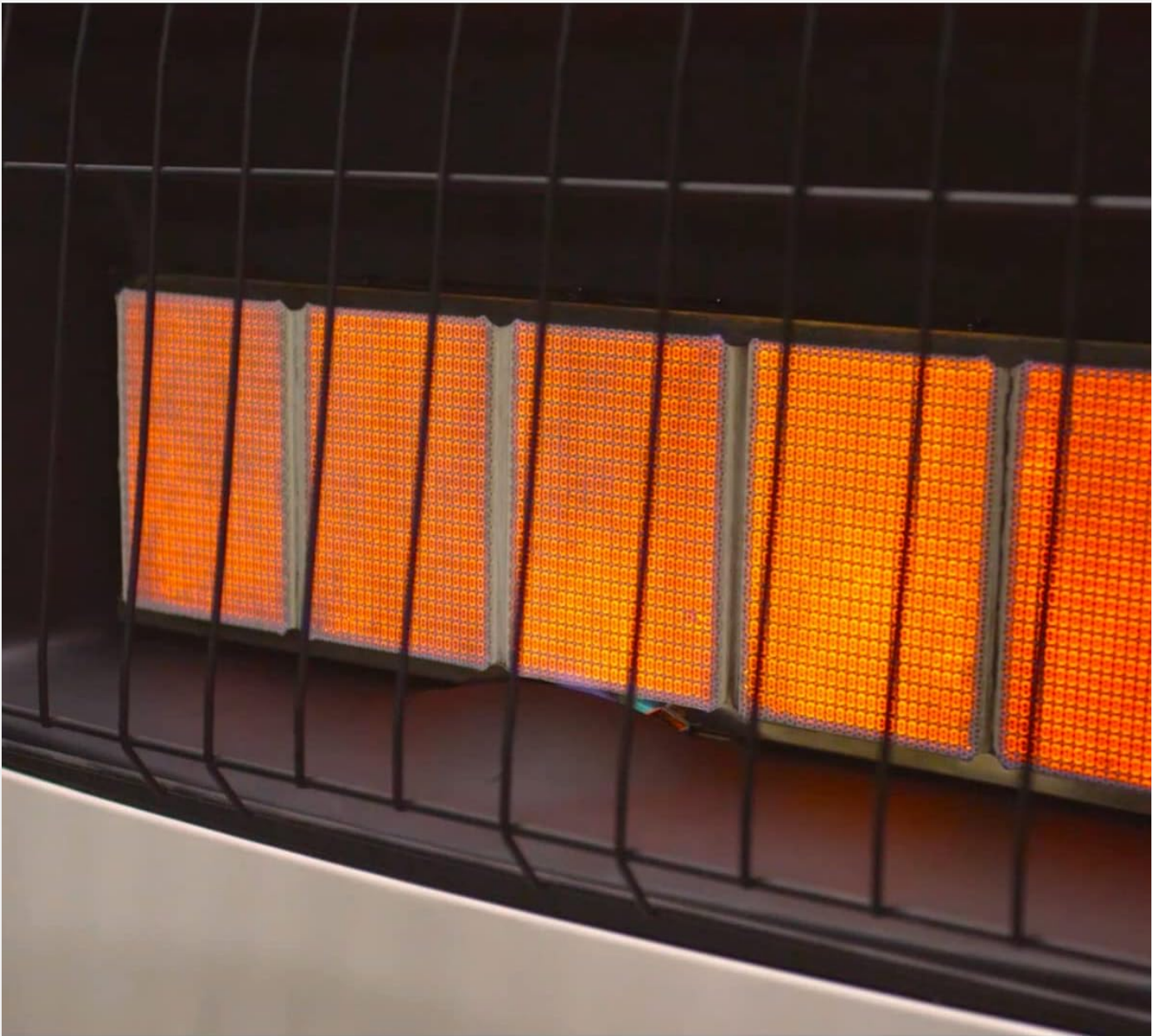


Figure 1: Front view of the UTY 30,000 BTU Vent-Free Dual Fuel Wall Heater, shown with optional base legs for freestanding use.



Figure 2: Close-up view of the radiant heating panels, which glow orange during operation to provide heat.

## SETUP AND INSTALLATION

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### 1. Unpacking

- Carefully remove the heater from its packaging.
- Inspect the heater for any shipping damage. If damaged, do not install and contact your supplier.
- Ensure all components listed in the packing list are present.

### 2. Mounting Options

This heater can be installed as a wall-mounted unit or used as a freestanding unit with the provided base legs.

#### Wall Mounting

1. Select a suitable wall location, ensuring clearances from combustible materials as specified in local codes and the

heater's label.

2. Mark the mounting points on the wall using the provided template or measurements from the heater.
3. Securely fasten the mounting bracket to the wall studs or use appropriate wall anchors.
4. Hang the heater onto the mounting bracket.



Figure 3: Example of the heater wall-mounted in a garage setting.



Figure 4: Example of the heater wall-mounted in an indoor living space.

### Freestanding Installation

1. Attach the base legs to the bottom of the heater using the provided screws.
2. Place the heater on a level, non-combustible surface, ensuring adequate clearance from walls and furniture.

### 3. Gas Connection

**IMPORTANT:** Gas connections must be performed by a qualified and licensed gas installer in accordance with all local codes and national standards.

- Ensure the gas supply is turned off before making any connections.
- Connect the appropriate gas supply line (natural gas or propane) to the heater's inlet.
- Use pipe joint compound resistant to LP gas on all threaded connections.
- After connection, turn on the gas supply and check all connections for leaks using a soap solution. Never use an open flame to check for leaks.

## OPERATING INSTRUCTIONS

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Before operating, ensure all installation steps are complete and gas connections are leak-free.



Figure 5: Control knob and igniter button for operating the heater.

### 1. Lighting the Pilot

1. Turn the control knob to the "OFF" position and wait five (5) minutes to clear any gas.
2. Turn the control knob to the "PILOT" position.
3. Push in the control knob and hold. Immediately light the pilot with the igniter button. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release the knob. If the pilot goes out, repeat steps 1-3.

### 2. Operating the Main Burner

1. Once the pilot is lit, turn the control knob counter-clockwise to the desired heat setting (e.g., 1 to 5).
2. The main burner will ignite. Adjust the knob to achieve the desired heat output.

### 3. Turning Off the Heater

1. To turn off the main burner, turn the control knob clockwise to the "PILOT" position. The pilot will remain lit.

- To turn off the entire heater (main burner and pilot), turn the control knob clockwise to the "OFF" position.

## MAINTENANCE

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Regular maintenance ensures safe and efficient operation of your heater.

- **Cleaning:** Keep the heater area clear and free from combustible materials, gasoline, and other flammable vapors and liquids. Use a vacuum cleaner or soft brush to remove dust from the exterior and air inlets/outlets. Do not use abrasive cleaners.
- **Pilot and Burner Inspection:** Annually, or more frequently if needed, inspect the pilot and main burner for proper flame appearance. The pilot flame should be steady and blue. The main burner flame should be blue with slight yellow tips. Any abnormalities should be addressed by a qualified service technician.
- **Gas Line Inspection:** Periodically check gas connections for leaks using a soap solution.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Pilot will not light.	No gas supply; Air in gas line; Pilot orifice clogged; Thermocouple faulty.	Ensure gas supply is on; Bleed air from line by holding pilot knob longer; Clean pilot orifice; Contact qualified service technician.
Pilot lights but goes out when knob is released.	Thermocouple not heated sufficiently; Faulty thermocouple; Gas pressure too low.	Hold pilot knob in longer; Contact qualified service technician; Verify gas pressure.
Main burner will not light.	Pilot not lit; Control knob not turned to "ON" position; Gas pressure too low.	Light pilot first; Turn control knob to a numbered setting; Verify gas pressure.
Odor of gas.	Gas leak.	<b>IMMEDIATELY</b> turn off gas supply, ventilate area, and contact gas company or qualified service technician. Do not operate the heater.

## SPECIFICATIONS

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- **Brand:** UTY
- **Model:** 30,000 BTU Vent-Free Dual Fuel Wall Heater
- **Fuel Type:** Natural Gas, Propane
- **BTU Output:** 30,000 BTU
- **Indoor/Outdoor Usage:** Indoor
- **Mounting Type:** Floor Mount, Wall Mount
- **Burner Type:** Radiant
- **Product Dimensions:** 28 x 11 x 24 inches (Length x Width x Height)
- **Item Weight:** 30.9 pounds
- **Special Feature:** Emergency Power Source (operates without electricity)

## WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the documentation included with your purchase or contact UTY customer service directly. Keep your purchase receipt as proof of purchase.



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