DR. INFRARED HEATER DR-975

DR. INFRARED HEATER DR-975 7500-Watt 240-Volt Hardwired Shop/Garage Electric Heater Instruction Manual

Model: DR-975

1. Introduction

This manual provides essential information for the safe and efficient operation of your DR. INFRARED HEATER DR-975 electric heater. Please read all instructions carefully before installation and use, and retain this manual for future reference. The DR-975 is a heavy-duty 7500-Watt, 240-Volt hardwired electric heater designed for use in various indoor environments such as garages, workshops, and commercial spaces. It features spiral steel metal sheath electric heating elements, a dynamic fan for air distribution, and a remote-controlled thermostat.

2. Safety Information

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Do not install the heater closer than 1 foot (0.3 meters) to any adjacent wall or ceiling.
- Maintain a minimum clearance of 6 feet (72 inches) from the front of the heater to any combustible materials.
- Ensure the heater is installed at least 4.5 inches (0.12 meters) from the back wall.
- This heater is hardwired and requires a dedicated 240-Volt circuit. Installation must be performed by a qualified electrician in accordance with all local electrical codes.
- Always disconnect power at the main circuit breaker before performing any installation, maintenance, or wiring procedures.
- Do not use this heater as a residential or household heater.
- This heater includes a visual alarm to warn that the heater is excessively hot. If the alarm flashes, immediately turn off the heater at the main circuit breaker and allow it to cool before inspecting for blockages.

- Do not open the heater casing; there are no user-serviceable parts inside.

3. Package Contents

Verify that all items are present in the package:

- DR. INFRARED HEATER DR-975 Unit
- Mounting Bracket
- Remote Control
- User Manual

4. Setup & Installation

4.1 Mounting Options

The DR-975 heater can be mounted on either a wall or ceiling using the included bracket. Ensure the mounting surface is structurally sound and can support the weight of the heater.



Figure 1: DR. INFRARED HEATER DR-975 unit with remote control.



Figure 2: Examples of ceiling and wall mounting for the DR-975 heater.

4.2 Electrical Wiring

The DR-975 is a hardwired unit. A power cord is not included. Use 8 AWG copper wires for connection to a dedicated 240VAC, 40 Amp circuit breaker. Refer to the wiring diagram below for proper connection.

Video 1: Installation guide for the DR-975 Industrial Heater, demonstrating wiring and setup procedures.

To access the wiring terminals:

1. Ensure power is disconnected at the main circuit breaker.
2. Locate the service window on the back side of the heater.
3. Loosen the screw to open the service window.
4. Connect the L1 (black), L2 (red), and Ground (green) 8 AWG copper wires to the corresponding terminals.
5. All wires must go through the designated knockout.
6. Close the service window and secure the screw after installation.

4.3 Thermostat Mode Selection

Before powering on the unit, toggle the desired thermostat mode switch located on the back of the heater. You can choose between 'INSIDE THERMOSTAT' (for the built-in remote-controlled thermostat) or 'WALL THERMOSTAT' (for an optional external wall-mounted thermostat, sold separately).



Figure 3: Adjustable tilt knob and louvers for directing airflow.

5. Operating Instructions

5.1 Powering On/Off

The main ON/OFF switch is located on the back of the unit. Flip the switch to 'ON' to power the heater. The 'POWER' light on the front panel will illuminate.

5.2 Using the Remote Control

The remote control allows you to adjust temperature, select heating modes, and set the timer.

- **Power:** Press the 'POWER' button to turn the heater on or off.
- **Temperature Adjustment:** Use the '+' and '-' buttons to raise or lower the set temperature. The display shows the room temperature (static digits) and the set temperature (flashing digits). The heater will turn off once the room temperature is below the set temperature.
- **Mode Selection:** Press the 'MODE' button to switch between 'HIGH' and 'LOW' heating settings.
- **Timer:** Press the 'TIMER' button to activate the timer function. Use the '+' and '-' buttons to set the desired operating duration (1-12 hours). Pressing 'TIMER' again when the display shows '00' will turn off the timer mode.



Figure 4: Remote control and display panel for temperature and timer settings.

5.3 Wall Thermostat Operation (Optional)

If an external wall thermostat (Part# DR-001, sold separately) is installed and selected via the switch on the back of the heater:

1. Ensure the main power switch on the heater is 'ON' and the thermostat mode is set to 'WALL THERMOSTAT'.
2. Use the remote control to power up the unit.
3. Adjust the desired temperature using the knob on the wall thermostat.
4. In 'WALL THERMOSTAT' mode, use the 'MODE' button on the remote to toggle between 'HIGH' and 'LOW' heating settings.

6. Maintenance

The DR-975 heater is designed for minimal maintenance.

- **Cleaning:** Ensure the heater is unplugged and cool before cleaning. Use a soft, dry cloth to wipe down the exterior. Do not use abrasive cleaners or immerse the unit in water.
- **Motor:** The heavy-duty ball bearing motor is totally enclosed, thermally protected, and permanently lubricated, requiring no additional lubrication.
- **Airflow:** Periodically check the air intake and output grilles for any dust or debris accumulation. Clean as necessary to ensure optimal airflow.

7. Troubleshooting

If you experience issues with your DR-975 heater, consult the following common troubleshooting steps:

- **Heater not turning on:** Check the main power switch on the unit and the circuit breaker. Ensure the unit is properly hardwired.
- **Heater not producing heat:** Verify the thermostat setting is above the current room temperature. Check if the 'HIGH' or 'LOW' mode is selected. If using a wall thermostat, ensure it is correctly wired and set.
- **Alarm flashing:** If the visual alarm is flashing, the heater may be overheating due to a blockage. Immediately turn off the heater at the main circuit breaker, allow it to cool, and inspect for any obstructions to airflow.

For persistent issues or further assistance, please contact customer support.

8. Specifications

Brand	DR. INFRARED HEATER
Model Number	DR-975
Voltage	240 Volts
Wattage	7500 Watts (also 4700W setting available)
Amperage	31.25 Amps
Heating Coverage	Up to 800 square feet
Product Dimensions	15"D x 19"W x 13"H
Item Weight	26 pounds
Thermostat Range	50 - 85 Degrees Fahrenheit

Special Features	Adjustable Tilt Head, Overheat Protection, Remote Control
Mounting Type	Ceiling Mount, Wall Mount
Safety Certifications	UL/CUL Listed

9. Warranty & Support

9.1 Warranty Information

This DR. INFRARED HEATER product comes with a 1-year limited component warranty. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical support, or warranty inquiries, please contact DR. INFRARED HEATER customer service:

- **Toll Free:** 1-800-317-1688
- **Email:** Service@drheaterusa.com

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