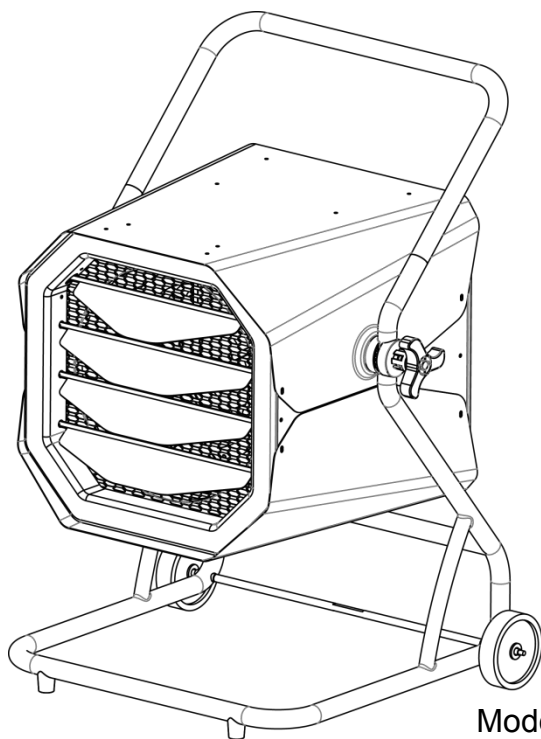




## 10,000W/240V GARAGE HEATER WITH CART

### OWNER'S MANUAL



Model No.: DR-910M

10,000W 240V60Hz

**IMPORTANT INSTRUCTIONS  
READ & SAVE**

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# IMPORTANT INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS HEATER

**NOTE:** There may be a trace of smoke or odor when unit is first operated. Don't be alarmed. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not re-occur.

**Make sure that the room in which the appliance is located is well ventilated during this operation. It is normal for the appliance to emit small cracking sounds when you turn it on for the first time. Do not be alarmed.**

WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE RISK OF FIRE, ELECTRICAL SHOCK, AND INJURY TO PERSONS OR PROPERTY, INCLUDING THE FOLLOWING:

- 1) Read all instructions before using this heater.
- 2) This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep such materials away from the sides and rear.
- 3) Extreme caution is necessary when any heater is used by or near children or disabled persons and whenever the heater is left operating and unattended.
- 4) Always switch off the heater when not in use.
- 5) Do not operate any heater after the heater malfunctions or has been dropped or damaged in any manner. Disconnect power at service panel and have heater inspected by a certified/licensed electrician before reusing.
- 6) Do not use outdoors.
- 7) To disconnect heater, turn off power to heater circuit at main disconnect panel.
- 8) Keep at least 4.5 inches (0.12m) from the back wall.

- 9) Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire and potentially damage the heater.
- 10) To prevent a possible fire, do not block air intakes or exhaust in any manner.
- 11) A heater has hot and arcing or sparking parts inside. To reduce the risk of fire, do not use in areas where gasoline, paint, or flammable vapors and liquids are used or stored.
- 12) Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- 13) This product must be installed by a certified/licensed electrician, in accordance with applicable local codes.
- 14) For supply cables, use 6 AWG (13.3 mm<sup>2</sup>) copper wires.

## **SAVE THESE INSTRUCTIONS**

**WARNING – RISK OF FIRE, DO NOT USE AS A RESIDENTIAL OR HOUSEHOLD HEATER.**

# INSTALLATION INSTRUCTIONS

**WARNING:** All wiring must be installed by a certified/licensed electrician. The heater must be grounded in accordance with applicable national and local building codes.

**WARNING:** To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.

**All wiring procedures and connections should be in accordance with applicable national and local codes.**

**NOTE: Compatible with a 240V Line Voltage Double Pole Wall Thermostat. Must be installed by a certified/licensed electrician.**

## **Before installation:**

Disconnect the main supply connection.

Supply cables should be 6 AWG (13.3 mm<sup>2</sup>) copper wires.

The heater must be connected to an individual branch circuit protected by a 60 Amp circuit breaker only.

Supply cables must be equipped with a dual pole circuit breaker rating at least 240V 60A/pole as main cutoff switch of power connection to the heater.

Wiring compartment for accommodating supply cables and pigtail leads are adequate and measured free space of 2524.67 cm<sup>3</sup>.

## **Tools/ Materials Needed (Not Included):**

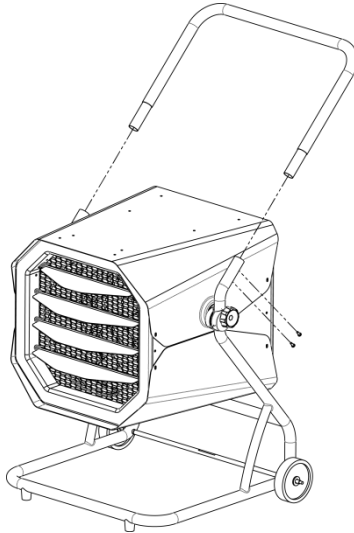
- Regular Screwdriver Set

## **Unpacking Contents:**

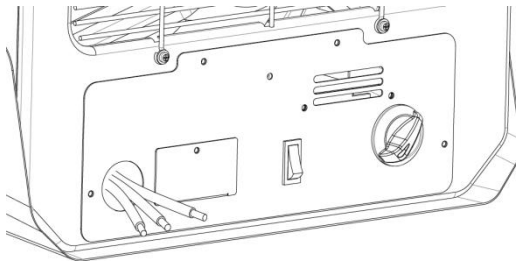
- Heater
- Warranty Card
- Owner's Manual
- Heater Handle

## INSTALLATION INSTRUCTIONS:

1. Do not install closer than 1 foot (or 0.3 m) to any adjacent vertical surfaces or walls.
2. Keep at least 4.5 inches (0.12m) from the back wall (regardless of whether the wall mount bracket is used).
3. Insert the hand hold and tighten the screws.



4. Run the electrical power supply cable in flexible conduit and connect to the wiring compartment via the knock-out at the rear of the heater.



6. Make the connections properly with connectors which are suitable for the conductor size, including ground wires. After making the connections, arrange the pigtail leads of unit and power supply wires in the wiring compartment.

# SPECIFICATIONS

## 10,000W/240V GARAGE HEATER WITH CART

Model: DR-910M

Voltage: 240 V

Watts: 10,000 W

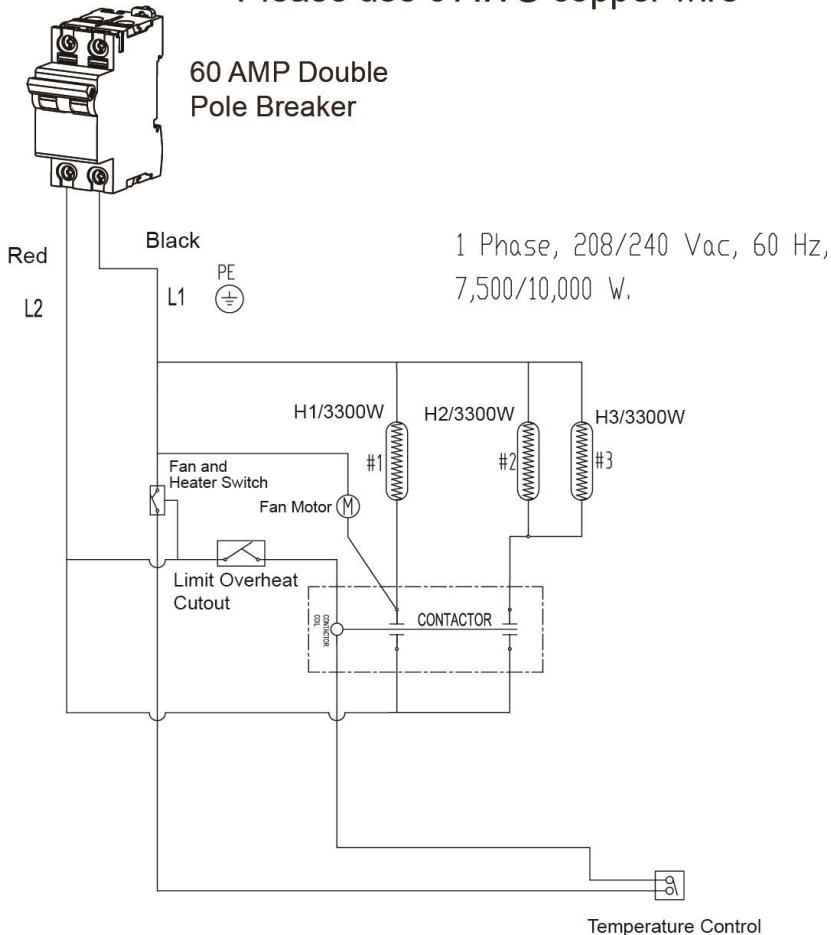
Frequency: 60 Hz

Recommended Heating Capacity: 1.25watts / ft<sup>3</sup> (0.03m<sup>3</sup>)

Thermostat Temperature Range: 37°F~104°F (3°C~40°C)

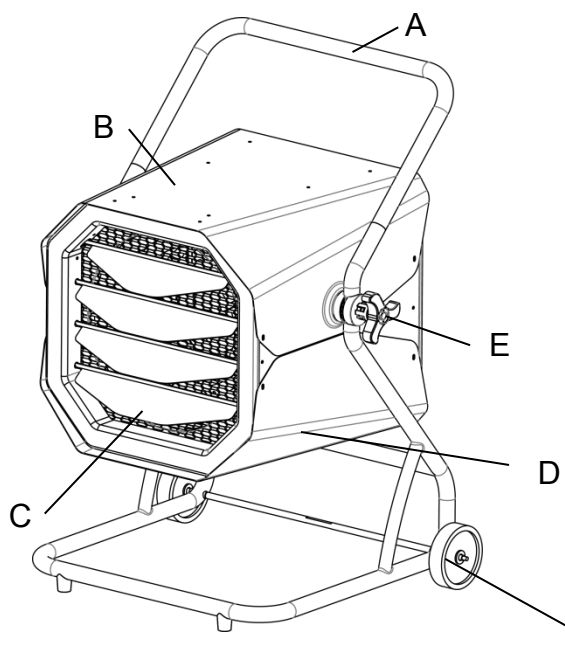
Wiring Diagram: 60Amp, 240 Volt

Please use 6 AWG copper wire

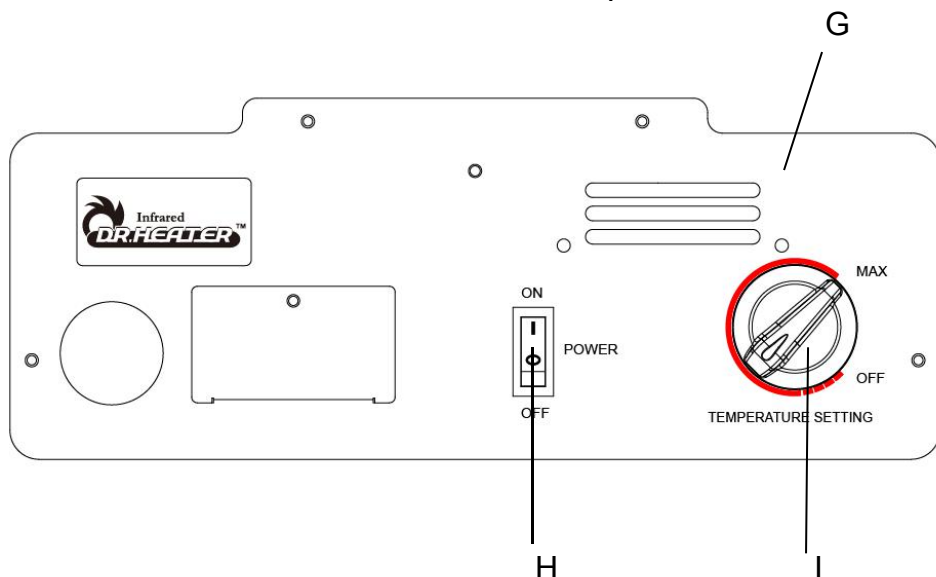




# PARTS OF THE HEATER



- A. Hand Hold
- B. Upper Housing
- C. Louver for air direction
- D. Lower Housing
- E. Tilt Adjustable Knob
- F. Wheel
- G. Control Panel
- H. ON/OFF Switch
- I. Thermostat Adjustment Knob



# OPERATING INSTRUCTIONS

**WARNING** - The heater must be properly installed before it is used.

## **HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH:**

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70.
- A circuit breaker must be installed and serviced only by qualified electrical personnel.
- Always use a properly rated voltage sensing device to confirm power is off.

**The switch on the heater is to start the Fan and Heater. Use the circuit breaker as power ON/OFF for the heater. The circuit breaker is to be installed by a certified/licensed electrician and should be located in line of sight from the heater location or should be capable of being locked in open position. Follow the operating instructions to reduce the risk of fire, electric shock, injury, or death to persons.**

- Switch on the circuit breaker.
- To turn off the heater, switch off the circuit breaker.

**The circuit breaker serves as the power source for the heater.**

This heater includes a visual alarm to warn that parts of the heater are getting excessively hot. If the alarm flashes, immediately turn the heater OFF and inspect for any objects on or adjacent to the heater that may cause high temperatures. **DO NOT OPERATE THE HEATER WITH THE ALARM FLASHING.** To reset the heater, switch the circuit breaker OFF. Then, wait five to ten minutes for the heater to cool down before turning the heater on again.

# MAINTENANCE AND CLEANING

No user maintenance on this heater should be undertaken except regular cleaning as described below. All other servicing or maintenance should be performed by qualified service personnel.

Before any cleaning, make sure that:

1. Power supply is disconnected at the source. **Switch off the circuit breaker.**
2. Wait 60 minutes to ensure the heating element has cooled down. Your heater is now ready for cleaning.

Regular Cleaning:

1. Do not spray chemicals or other cleaning liquids on the heater.
2. Interior dust can often be removed by using a vacuum cleaner with a crevice tool attachment.
3. To clean enclosure, use a clean, soft, and lightly damp cloth to gently wipe off dirt from the surface of the unit. Make sure the heating element and the switches do not get wet. Allow the unit to dry completely before use.

**CAUTION: DO NOT ALLOW WATER TO RUN INTO THE INTERIOR OF THE HEATER AS THIS COULD CREATE A FIRE OR ELECTRIC SHOCK HAZARD, DAMAGING THE UNIT.**

# TROUBLESHOOTING

If your heater fails to operate, please follow these procedures:

This heater is intended to be a cart-mounted heater. It has a thermal cut-off protection. If the thermal cut-off protection trips, **switch off the power. Switch off the circuit breaker.** The unit should reset automatically after 10 minutes. If the thermal cut-off protection trips again, consult a certified/licensed electrician to determine the reason for overheating.

Problem	Probable Cause	Solution
Unit is not heating.	Overheat protection has temporarily deactivated the heater.	Turn the heater OFF. <b>Switch off the circuit breaker.</b> Wait 10 minutes before turning on the heater.
	Breaker/Fuse has been tripped.	Check your electrical box to confirm the breaker has not been blown. This may occur if the receptacle is shared with other high consumption appliances.
The heater is producing a burning smell.	Check & ensure there are no combustible materials within 0.9 meters (3 feet) surrounding the heater.	Remove any combustible items from the vicinity of the heater.
	A drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not occur again.	Ensure room in which heater is situated is well ventilated.
	Ensure a minimum clearance of 1ft (12 inches) from both sides, and 4.5 inches from the back.	Reposition the heater so there is enough space between the heater and any adjacent surface/wall.

**PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE HEATER YOURSELF. DOING SO COULD CAUSE DAMAGE TO THE HEATER OR PERSONAL INJURY.**

### How long is the warranty?

This heater comes with a ONE-YEAR LIMITED COMPONENT WARRANTY. If your unit does not appear to be working properly, please contact our service center by calling 1-800-317-1688. Prior to your call, we encourage you to visit our service related website [www.DrHeaterUSA.com](http://www.DrHeaterUSA.com) for troubleshooting tips and service instructions if needed.

### Warranty Information

Register your product at our website:



Or visit [DrHeaterUSA.com/register-your-](http://DrHeaterUSA.com/register-your-heater)

heater

### Feedback

Love it? Help us make the product more for you.



Let us know with a customer review.

Please visit: <https://www.amazon.com/review/review-your-purchases#>

At [Dr. Heater USA](http://Dr.Heater.USA), we are committed to bringing top quality alternative & supplemental heating products to our customers.

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