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› **Dura Heat /**

› Dura Heat Hard-Wired Ceiling Mount Electric Garage Space Heater User Manual

Dura Heat EWH9615

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Model: EWH9615

Brand: Dura Heat

PRODUCT OVERVIEW

The Dura Heat Hard-Wired Ceiling Mount Electric Garage Space Heater is a powerful and efficient heating solution designed for garages, workshops, and agricultural buildings. This unit delivers 34,120 BTUs, capable of warming spaces up to 1,500 sq. ft. It features a heavy-gauge steel body, spiral wrapped steel coil heating element, adjustable front grills, and a remote control for convenient operation. Safety features include overheat protection. This heater requires professional hard-wired installation.



Front view of the Dura Heat Hard-Wired Electric Garage Heater, showcasing its robust design and control panel.

SAFETY INFORMATION

Before operating this appliance, read all instructions carefully. Failure to follow these instructions may result in fire, electric shock, serious injury, or death. Keep this manual for future reference.

- **Professional Installation Required:** This unit is hard-wired (240V / 10,000W / 50A) and requires professional electrical installation. Do not attempt to install without proper qualifications.
- **Overheat Protection:** The heater is equipped with an overheat protection sensor that automatically shuts off the unit if it detects overheating. If this occurs, allow the unit to cool down before attempting to restart.

- **Clearance:** Maintain a minimum clearance of 3 feet (0.91 meters) from the front, sides, and rear of the heater to combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains.
- **Indoor Use Only:** This heater is designed for indoor use in garages, workshops, and agricultural buildings. Do not use outdoors or in wet locations.
- **Power Disconnection:** Always disconnect the unit from the power supply before performing any maintenance, cleaning, or relocating.



Visual reminder that hard-wire installation is required for this electric heater.

SETUP AND INSTALLATION

This electric garage heater requires professional installation due to its hard-wired design. It does not include a plug-in cord.

Pre-Installation Checklist:

- Ensure the installation location is suitable for a ceiling or wall mount.
- Verify that your electrical system can support 240 Volts and 50 Amps.
- Confirm the heating coverage area (up to 1,500 sq. ft.) is appropriate for your space.

Mounting:

The unit comes with a ceiling/wall mount bracket for flexible installation. This allows for optimal heat distribution and maximizes floor space in your workshop or garage.



Dimensions of the heater, important for planning installation space.

Electrical Wiring:

A qualified electrician must perform the hard-wiring. Once correctly installed, the power indicator light on the unit will illuminate.



The control panel with power indicator light, which confirms correct installation.

Recommended BTU Chart:

Refer to the chart below to determine the appropriate BTU for your room size. This heater provides 34,120 BTUs, suitable for spaces up to 1,500 sq. ft.

Recommended BTU Chart for Room Area	
Room Area	Recommended BTU
100 to 150 sq. ft.	~5,000 BTU
150 to 250 sq. ft.	~6,000 BTU
250 to 300 sq. ft.	~7,000 BTU
300 to 350 sq. ft.	~8,000 BTU
350 to 400 sq. ft.	~9,000 BTU
400 to 450 sq. ft.	~10,000 BTU
450 to 550 sq. ft.	~12,000 BTU
550 to 650 sq. ft.	~14,000 BTU
650 to 1000 sq. ft.	~18,000 BTU
1000 to 1,500 sq. ft.	~24,000 BTU

Chart illustrating recommended BTU output based on room area for effective heating.

OPERATING INSTRUCTIONS

Control Panel and Remote Control:

The heater can be operated using the integrated control panel or the included remote control. The remote allows for convenient adjustment of settings from a distance.

- **Power Button:** Turns the unit on or off.
- **Temperature Adjustment:** Use the up and down arrows to set the desired temperature, ranging from 45 to 99 degrees Fahrenheit. The LED display shows the current setting.
- **Timer Function:** A 9-hour timer can be set for automatic shut-off.
- **ECO Setting:** Activate the ECO setting for energy savings, which optimizes heating performance for efficiency.



The remote control allows for convenient adjustment of heater settings from a distance.

Adjustable Grills:

The front grills are adjustable, allowing you to direct the airflow and heat precisely where it is needed most in your space. This feature helps in achieving focused or widespread heating.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Dura Heat electric garage heater. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically clean the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the air intake and output grilles are free from dust and debris to maintain optimal airflow.
- **Inspection:** Regularly inspect the power wiring for any signs of damage or wear. If any damage is observed, contact a qualified electrician for repair.
- **Storage:** If storing the heater for an extended period, ensure it is clean and dry. Store in a cool, dry place away from direct sunlight and moisture.

TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common problems and solutions. If the problem persists, contact a qualified electrician or customer support.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; improper wiring; tripped circuit breaker.	Ensure power is connected. Verify professional installation. Check circuit breaker and reset if tripped.
Heater shuts off unexpectedly.	Overheat protection activated; blocked air vents.	Allow unit to cool down. Check for and clear any obstructions from air intake/output. Ensure proper clearance around the unit.
Thermostat not maintaining set temperature.	Sensor malfunction; external drafts affecting sensor.	Ensure the heater is not in a drafty area. If the issue persists, professional inspection may be required.
Fan speed seems too slow.	Motor issue; debris in fan.	Disconnect power and carefully inspect fan for obstructions. If no visible obstruction, professional service may be needed.

SPECIFICATIONS

Feature	Detail
Brand	Dura Heat
Model Number	EWH9615
Power Output	10,000 Watts
Voltage	240 Volts
Amperage	50 Amps
Heating Coverage	Up to 1,500 sq. ft. (34,120 BTUs)
Product Dimensions	15"D x 12"W x 16"H
Item Weight	29 pounds
Mounting Type	Ceiling/Wall Mount
Temperature Range	45-99 Degrees Fahrenheit
Special Features	Adjustable Grills, Hard-Wired, Overheat Protection, Remote Control, ECO System
Fuel Type	Electric
Indoor/Outdoor Usage	Indoor
UPC	013204096151

WARRANTY INFORMATION

This Dura Heat electric garage heater comes with a **1-year warranty** from the date of purchase, covering manufacturer's defects only. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the documentation included with your product or contact Dura Heat customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Dura Heat customer support. You can find more information and contact details on the official Dura Heat website or by visiting their store on Amazon:

Visit the Dura Heat Store on Amazon