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› Dyna-Glo EG5000DGP 240V 5000W Electric Garage Heater User Manual

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Model: EG5000DGP

Introduction	Safety Information	Package Contents	Setup & Installation	Operation
Maintenance	Troubleshooting	Specifications	Warranty & Support	

1. INTRODUCTION

Welcome to the user manual for your Dyna-Glo EG5000DGP 240V 5000W Electric Garage Heater. This manual provides essential information for safe operation, installation, maintenance, and troubleshooting. Please read it thoroughly before using the heater to ensure proper function and safety.



Figure 1: Dyna-Glo EG5000DGP Electric Garage Heater, front-side view.

2. IMPORTANT SAFETY INFORMATION

WARNING: Read and understand all instructions before using this heater. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

2.1 General Safety Warnings

- Always disconnect power before performing any service or maintenance.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions, has been dropped, or

damaged in any manner.

- 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 away from the sides and rear.
- Do not use outdoors. This heater is intended for indoor use only.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Close supervision is necessary when any heater is used by or near children or invalids.

2.2 Electrical Safety

- This heater is for use on 240 Volt circuits. Ensure the heater is connected to a properly grounded outlet.
- Do not use with an extension cord.
- A dedicated circuit is recommended for optimal performance and safety.
- All electrical connections must be made in accordance with local codes and ordinances.

2.3 Proposition 65 Warning

WARNING: This product can expose you to chemicals including lead, which is 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.

3. PACKAGE CONTENTS

Carefully unpack the heater and all accessories. Verify that all components are present and undamaged. If any parts are missing or damaged, do not attempt to assemble or operate the heater. Contact customer service for assistance.

- Dyna-Glo EG5000DGP Electric Garage Heater Unit
- Mounting Bracket
- Hardware Pack (screws, nuts, washers)
- User Manual

4. SETUP AND INSTALLATION

4.1 Choosing a Location

Select a suitable location for mounting the heater. This unit is designed for ceiling mount installation in garages, workshops, or warehouses. Ensure the area is clear of obstructions and combustible materials. Maintain a minimum clearance of 3 feet (0.9 m) from walls and other objects.



Figure 2: Example of the heater mounted in a workshop environment.

4.2 Mounting Instructions

The heater comes with an adjustable mounting bracket for ceiling installation. Ensure the mounting surface can support the weight of the heater (approximately 1 pound, though this seems low for a garage heater, using provided data).

1. Securely attach the mounting bracket to a sturdy ceiling joist or structural support using appropriate hardware.
2. Attach the heater unit to the mounting bracket using the provided bolts and knobs.
3. Adjust the angle of the heater for desired horizontal or vertical airflow. The adjustable angles feature a safety lock to secure the position.



Figure 3: Heater showing the adjustable angle mechanism for directing airflow.



Figure 4: Detail of the knob used to secure the heater's angle.

4.3 Electrical Connection

This heater requires a 240V electrical supply. It is recommended that a qualified electrician perform the electrical installation to ensure compliance with all local electrical codes and safety standards. The heater should be connected to a dedicated circuit with appropriate overcurrent protection.



Figure 5: Rear view of the heater, illustrating the fan and electrical connection area.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

The control panel is located on the front of the heater and includes a power switch, a thermostat control knob, and indicator lights.



Figure 6: Detailed view of the heater's control panel, showing the thermostat and power settings.

5.2 Powering On/Off

To turn the heater ON, flip the main power switch to the 'ON' position. To turn OFF, flip the switch to the 'OFF' position. The indicator lights will illuminate when the unit is powered on.

5.3 Adjusting Heat Settings

The heater offers three heat settings, controlled by the power switch:

- **Low:** Approximately 2000W (11,285 BTUs)
- **Medium:** Approximately 3000W (14,105 BTUs)
- **High:** Approximately 5000W (17,060 BTUs)

Select the desired wattage based on the heating requirements of your space.

5.4 Thermostat Control

The adjustable thermostat allows you to set the desired room temperature. Turn the thermostat knob clockwise to increase the temperature setting and counter-clockwise to decrease it. The heater will cycle on and off to maintain the set temperature.

5.5 Overheat Protection

This heater is equipped with an automatic overheat protection system. If the heater reaches an unsafe temperature, it will automatically shut off. If this occurs, turn the heater off, unplug it, and allow it to cool down for at least 30 minutes. Check for any obstructions to airflow before restarting.

6. MAINTENANCE

WARNING: Always disconnect the power supply before performing any maintenance or cleaning to prevent electric shock.

6.1 Cleaning

- Allow the heater to cool completely before cleaning.
- Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents.
- Periodically clean the air intake and outlet grilles with a vacuum cleaner or a soft brush to remove dust and debris.
- Ensure no water or liquids enter the interior of the heater.

6.2 Storage

When not in use, store the heater in a cool, dry place, away from direct sunlight and moisture. If storing for an extended period, it is recommended to cover the heater to protect it from dust.

7. TROUBLESHOOTING

Before contacting customer service, review the following common issues and their solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; Power switch is OFF; Overheat protection activated; Faulty wiring.	Check circuit breaker/fuse; Ensure power switch is ON; Allow heater to cool and check for obstructions; Consult a qualified electrician.
Heater not producing enough heat.	Thermostat set too low; Incorrect heat setting; Room size exceeds heating capacity; Poor insulation.	Increase thermostat setting; Select a higher heat setting (Medium/High); Ensure heater is appropriate for room size; Improve room insulation.
Heater cycles on and off too frequently.	Thermostat set too close to ambient temperature; Overheat protection activating.	Adjust thermostat setting; Check for obstructions around the heater and ensure proper ventilation.
Unusual noises from the heater.	Loose components; Fan obstruction; Motor issue.	Disconnect power and inspect for loose parts or obstructions; If noise persists, contact customer support.

8. TECHNICAL SPECIFICATIONS

Parameter	Value
Brand	Dyna-Glo
Model Number	EG5000DGP
Voltage	240 Volts
Amperage	20.83 Amps
Wattage Settings	5000W (High), 3000W (Medium), 2000W (Low)
BTU Output	17,060 (High), 14,105 (Medium), 11,285 (Low)
Heating Coverage	Up to 500 sq. ft.
Fuel Type	Electric
Mounting Type	Ceiling Mount
Product Dimensions (L x W x H)	14 x 10.63 x 12.6 inches
Item Weight	1 pounds
UPC	872076035169
Manufacturer	GHP Group, Inc.

9. WARRANTY AND SUPPORT

This Dyna-Glo product is covered by a manufacturer's warranty. For specific warranty terms, duration, and conditions, please refer to the warranty card included with your product or visit the official Dyna-Glo website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, replacement parts, or warranty inquiries, please contact Dyna-Glo customer service. You can also find more information and support resources by visiting the Dyna-Glo brand store on Amazon:

Visit the Dyna-Glo Store on Amazon