

Dyna-Glo DGT-240

Dyna-Glo DGT-240 28A 240V Double-Pole Wall Thermostat Instruction Manual

Model: DGT-240 | Brand: Dyna-Glo

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Dyna-Glo DGT-240 28A 240V Double-Pole Wall Thermostat. This thermostat is designed for use with 240V hardwired electric heaters and electric garage heaters. Please read this manual thoroughly before installation and use to ensure proper function and safety.

IMPORTANT SAFETY INFORMATION

- **WARNING:** Electrical shock hazard. Disconnect power at the main service panel before installing or servicing this thermostat. Failure to do so can result in serious injury or death.
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Do not use this thermostat with systems exceeding the specified voltage and amperage ratings (240V, 28A).
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (as per Proposition 65 warning on packaging). Wash hands after handling.
- Ensure all wiring connections are secure and properly insulated.
- Do not operate the thermostat if it is damaged.



Image Description: The back of the product packaging displays key specifications, including voltage and amperage ratings, compatibility information, and a California Proposition 65 warning regarding chemicals.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Dyna-Glo DGT-240 Wall Thermostat
- Mounting Screws (typically included)
- Instruction Manual (this document)



Image Description: The Dyna-Glo DGT-240 wall thermostat is shown sealed in its clear plastic retail packaging, indicating a new product.

SETUP AND INSTALLATION

Follow these steps carefully for safe and correct installation:

1. **Power Disconnection:** Before beginning any installation, turn off the power to the heater circuit at the main electrical panel. Verify power is off using a voltage tester.
2. **Remove Old Thermostat (if applicable):** Carefully remove the existing thermostat from the wall. Disconnect the wires, noting their connections.
3. **Prepare Wiring:** This thermostat is a double-pole design, meaning it disconnects both hot lines when turned to the "OFF" position. Ensure your wiring is compatible with a 240V, 28A double-pole setup.
4. **Mounting:** Position the new Dyna-Glo DGT-240 thermostat on the wall. Use the provided mounting screws to secure it to the electrical box.
5. **Wiring Connections:** Connect the 240V supply wires to the appropriate terminals on the thermostat. Connect the heater wires to the corresponding load terminals. Ensure all connections are tight and secure. Refer to the wiring diagram on the back of the unit or in the full product manual for specific terminal identification.
6. **Secure Thermostat:** Gently push any excess wiring back into the electrical box and secure the thermostat cover.

7. **Restore Power:** Once installation is complete and all connections are verified, restore power at the main electrical panel.



Image Description: A direct front view of the Dyna-Glo DGT-240 thermostat, highlighting its large, easy-to-read temperature adjustment knob with markings from 40°F to 90°F and an "OFF" position.

OPERATING INSTRUCTIONS

The Dyna-Glo DGT-240 thermostat features a simple mechanical knob for temperature control.

1. **Turning On/Off:** Rotate the large knob clockwise from the "OFF" position to turn the heater on. To turn the heater off completely, rotate the knob counter-clockwise until it clicks into the "OFF" position. The double-pole design ensures both power lines are disconnected in the "OFF" state.
2. **Adjusting Temperature:** Continue rotating the knob clockwise to increase the desired temperature setting. Rotate counter-clockwise to decrease the temperature. The temperature range is from 41°F to 90°F (5°C to 32°C).
3. **Monitoring:** The thermostat will automatically cycle your heater on and off to maintain the set temperature.



Image Description: An angled perspective of the Dyna-Glo DGT-240 thermostat, illustrating the protrusion of the temperature control knob and the overall compact design of the unit.

MAINTENANCE

Proper care ensures longevity and accurate performance of your thermostat.

- **Cleaning:** To clean the thermostat, gently wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners, solvents, or spray cleaners directly onto the unit.
- **Dust Removal:** Periodically, you may use a soft brush or vacuum cleaner with a brush attachment to remove dust from the vents on the sides of the thermostat to ensure proper air circulation for accurate temperature sensing.
- **No User-Serviceable Parts:** The thermostat contains no user-serviceable parts. Do not attempt to open or repair the unit yourself. Refer servicing to qualified personnel.



Image Description: A side view of the Dyna-Glo DGT-240 thermostat, revealing the ventilation slots designed to allow ambient air to reach the internal temperature sensor for accurate readings.

TROUBLESHOOTING

Review the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Heater does not turn on	No power to thermostat; Thermostat knob in "OFF" position	Check circuit breaker. Ensure thermostat knob is rotated past the "OFF" position.
Heater runs continuously	Thermostat set too high; Faulty thermostat	Lower temperature setting. If issue persists, disconnect power and consult a qualified electrician.
Inaccurate temperature reading	Obstruction or draft near thermostat; Dirty vents	Ensure thermostat is not blocked by furniture or exposed to drafts. Clean vents as described in the Maintenance section.
Thermostat feels warm	Normal operation under electrical load	Some warmth is normal due to electrical current passing through. If excessively hot or emitting smoke/odor, disconnect power immediately and consult an electrician.

SPECIFICATIONS

- **Brand:** Dyna-Glo
- **Model Name:** Dyna-Glo 28A 240V Double-Pole Wall Thermostat
- **Model Number:** DGT-240
- **Controller Type:** Mechanical knob
- **Special Feature:** ETL US approved
- **Color:** White
- **Temperature Control Type:** Manual
- **Connectivity Technology:** Wired
- **Voltage:** 240 Volts
- **Shape:** Rectangular
- **Display Type:** Analog
- **Control Type:** Knob
- **Backlight:** No
- **UPC:** 872076040217
- **Manufacturer:** GHP Group Inc
- **Package Dimensions:** 8.5 x 4.33 x 2.72 inches
- **Item Weight:** 8.3 ounces
- **Temperature Operating Range:** 41°F - 90°F (5°C - 32°C)
- **Amperage:** 28A
- **Compatibility:** Dyna-Glo and Dyna-Glo X Series 240V hardwired electric garage heaters.

WARRANTY AND SUPPORT

For specific warranty details and customer support, please refer to the documentation included with your purchase or visit the official Dyna-Glo website. Keep your proof of purchase for warranty claims.

Manufacturer: GHP Group Inc.

Manufacturer Website: www.ghpgroupinc.com

© 2023 Dyna-Glo. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0BCX47VGP>

More documents and user manuals: <https://manuals.plus/>