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Dyna-Glo RMC-FA60DGD

Dyna-Glo RMC-FA60DGD Liquid Propane Forced Air Heater Instruction Manual

Model: RMC-FA60DGD | Brand: Dyna-Glo

Introduction

This manual provides essential instructions for the safe operation, installation, and maintenance of your Dyna-Glo RMC-FA60DGD Liquid Propane Forced Air Heater. This portable heater is designed for outdoor and indoor construction, industrial, and commercial applications, providing 30,000 to 60,000 BTUs of heat. Please read this manual thoroughly before using the heater to ensure proper function and safety.



Image: The Dyna-Glo RMC-FA60DGD Liquid Propane Forced Air Heater, a gray cylindrical unit with a black handle and control

panel, designed for portable heating.

Important Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always ensure adequate ventilation when operating this heater. Carbon Monoxide (CO) is a colorless, odorless gas that can be fatal.
- Do not use this heater in residential living areas. It is intended for well-ventilated construction sites, industrial, or commercial areas.
- Maintain a safe distance from combustible materials. Refer to the heater's labels for minimum clearances.
- Never leave the heater unattended while in operation.
- Keep children and pets away from the heater.
- Ensure the heater is placed on a stable, level surface.
- Always use the provided hose and regulator assembly. Do not substitute with other components.
- Install a Carbon Monoxide detector in the area where the heater is used.
- The heater requires a 120V AC power source for operation.

Setup and Installation

1. Unpacking

Carefully remove the heater and all components from the packaging. Inspect for any damage. Retain packaging for future storage or transport.

2. Connecting the Propane Tank

1. Ensure the propane tank valve is closed.
2. Connect the regulator end of the hose assembly to the propane tank valve. Tighten securely by hand.
3. Connect the other end of the hose to the heater's gas inlet. Tighten securely.
4. Check all connections for leaks using a soap and water solution. Bubbles indicate a leak. Do not operate if a leak is detected.



Image: The included 10-foot propane hose and regulator assembly, essential for connecting the heater to a liquid propane tank.

3. Power Connection

Plug the heater's power cord into a grounded 120V, 60Hz electrical outlet. The heater requires electricity to operate the fan and ignition system.

4. Heater Placement and Ventilation

- Place the heater on a firm, level surface.
- Ensure the area is well-ventilated. For example, in a garage, keep a garage door open by at least 3.75 inches to provide adequate airflow.
- Maintain minimum clearances from walls and combustible materials as specified on the heater's warning labels.

Operating Instructions

1. Lighting the Heater

1. Open the propane tank valve slowly.
2. Turn the gas knob on the heater to the "LOW" position.
3. Press and hold the control knob down for approximately 30 seconds to purge air from the gas lines.
4. While holding the control knob down, press the igniter button repeatedly until the pilot flame ignites.
5. Once the pilot is lit, continue to hold the control knob down for another 30 seconds, then release. The main burner should ignite.

6. If the burner does not light, repeat the process.



Image: Close-up of the heater's control panel, showing the gas flow knob with "OFF," "LOW," and "HIGH" settings, and the ignition button.

2. Adjusting Heat Output and Angle

- The heater features continuously variable BTUs. Adjust the gas knob between "LOW" (30,000 BTUs) and "HIGH" (60,000 BTUs) to achieve the desired heat output.
- The heater's base allows for an adjustable heat angle. Loosen the side knobs, tilt the heater to the desired angle, and re-tighten the knobs to secure.



Image: A red arrow indicating the adjustable range of the heater's base, allowing users to direct the heat flow.

3. Shutting Down the Heater

1. Turn the gas knob on the heater to the "OFF" position.
2. Close the valve on the propane tank.
3. Disconnect the power cord once the heater has cooled to ambient temperature.

Maintenance

- **Cleaning:** Keep the heater's exterior clean. Use a damp cloth to wipe down surfaces. Ensure the air intake and exhaust areas are free from obstructions.
- **Hose and Regulator Inspection:** Regularly inspect the propane hose and regulator for cracks, cuts, or damage. Replace immediately if any damage is found.
- **Storage:** When not in use, store the heater in a dry, protected area. Disconnect the propane tank and store it separately according to local regulations.

Troubleshooting

Problem	Possible Cause	Solution
Heater does not ignite.	No propane flow, igniter issue, air in line, low propane tank.	Check propane tank level and valve. Purge air from lines by holding control knob. Ensure igniter sparks.
Low heat output or flame goes out.	Low propane pressure, tank freezing, regulator malfunction.	Ensure adequate propane supply. If tank is cold/freezing, consider a larger tank or a tank warmer for prolonged use. Check regulator for damage.
Heater shuts off unexpectedly.	Overheat protection activated, lack of oxygen, low propane.	Ensure proper ventilation. Check for obstructions around the heater. Allow heater to cool. Check propane supply.
Unusual odors.	Gas leak, initial burn-off of manufacturing oils.	Immediately shut off propane supply and power. Check for leaks with soap solution. If odor persists, do not operate and contact qualified service personnel. Initial odors should dissipate quickly.

Specifications

Feature	Detail
Brand	Dyna-Glo
Model Number	RMC-FA60DGD
Heat Output	30,000 - 60,000 BTUs (Continuously Variable)
Heating Coverage	Up to 1,350 sq. ft.
Fuel Type	Liquid Propane Gas
Power Source	120V, 60Hz (for fan and ignition)
Special Features	Portable, Adjustable Heat Angle, Continuous Electronic Ignition, Overheat Auto-Shut-off Protection
Included Accessories	10' Hose & Regulator
Product Dimensions	19.29"D x 8.27"W x 15.16"H
Item Weight	16.87 pounds
Certifications	CSA-listed for safety

Warranty and Support

Warranty Information

This Dyna-Glo RMC-FA60DGD heater comes with a **1-year limited warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Dyna-Glo customer support. Refer to the official Dyna-Glo website for the most current contact information and digital resources.



Image: Digital Resources icons, illustrating available support options such as technical information, maintenance schedules, warranty details, repair center locator, diagnostic tools, and live support contact.

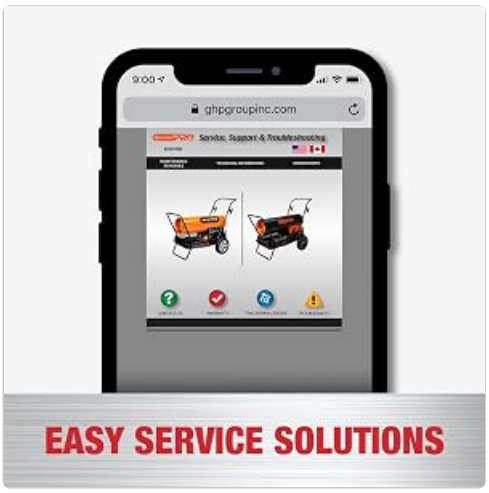


Image: A smartphone screen showing the GHP Group Inc. website, highlighting easy service solutions and support options for products.

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