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› Dyna-Glo RMC-FA125DGD Liquid Propane Forced Air Heater Instruction Manual

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Dyna-Glo RMC-FA125DGD Liquid Propane Forced Air Heater Instruction Manual

Model: RMC-FA125DGD | Brand: Dyna-Glo

1. INTRODUCTION AND OVERVIEW

The Dyna-Glo Delux RMC-FA125DGD Liquid Propane Forced Air Heater is designed for heating applications in outdoor and indoor construction sites, industrial and commercial settings, and agricultural buildings. This portable heater provides 70,000 to 125,000 BTUs, capable of heating areas up to 3,100 sq. ft. Key features include continuous electronic ignition, an adjustable heat angle, and automatic overheat shutoff for enhanced safety. The unit is CSA listed and includes a 10-foot hose and regulator assembly.



Figure 1: Side view of the Dyna-Glo RMC-FA125DGD Liquid Propane Forced Air Heater, showcasing its robust design and integrated handle.

Video 1: Official product video demonstrating the features and operation of the Dyna-Glo RMC-FA125DGD Liquid Propane Forced Air Heater, including its ignition, adjustable heat, and portability.

2. SAFETY INFORMATION

Always prioritize safety when operating this heater. Failure to follow safety instructions can result in fire, explosion, carbon monoxide poisoning, or serious injury.

- **Ventilation:** This heater requires adequate ventilation. Ensure proper airflow to prevent oxygen depletion and carbon monoxide buildup. Never use in unventilated spaces.
- **Carbon Monoxide:** Carbon monoxide is an odorless, colorless gas that can cause death. Always use a carbon monoxide detector when operating this heater indoors.
- **Clearance:** Maintain proper clearance from combustible materials. Refer to the labels on the heater for specific distances.
- **Fuel:** Use only liquid propane (LP) gas. Do not use other fuels.
- **Overheat Protection:** The heater is equipped with an automatic overheat shutoff to prevent overheating. Do not bypass or tamper with this safety feature.
- **Ignition:** The continuous electronic ignition prevents dangerous delayed ignition. Ensure the area is clear before attempting to ignite.
- **Stability:** Place the heater on a stable, level surface to prevent tipping.
- **Children and Pets:** Keep children and pets away from the heater during operation and while it is cooling down.

3. SETUP

The Dyna-Glo RMC-FA125DGD heater is designed for easy setup. Follow these steps to prepare your heater for operation:

1. **Unpack:** Carefully remove the heater and all components from the packaging. Inspect for any damage.
2. **Positioning:** Place the heater on a firm, level surface in a well-ventilated area. Ensure adequate clearance from walls, ceilings, and combustible materials as specified in the safety guidelines and on the product labels.
3. **Connect Hose and Regulator:** The unit includes a 10-foot hose and regulator assembly. Connect the regulator to a liquid propane (LP) tank (sold separately). Ensure all connections are tight and free of leaks.
4. **Power Connection:** Plug the heater's power cord into a grounded electrical outlet.
5. **Adjust Heat Angle:** The heater features an adjustable heat angle. Loosen the adjustment knob on the base, tilt the heater to the desired angle, and then tighten the knob to secure it.



Figure 2: The included 10-foot propane hose and regulator assembly, essential for connecting the heater to a propane tank.



Figure 3: A close-up image of the heater's base with orange arrows indicating the adjustable mechanism for changing the heat angle.

4. OPERATING INSTRUCTIONS

Once the heater is properly set up and connected to a propane tank and power source, follow these steps to operate it:

1. **Open Propane Valve:** Slowly open the valve on the LP tank completely.
2. **Ignition:** Turn the control knob on the heater to the 'High' position. The continuous electronic ignition system will automatically attempt to light the burner.
3. **Verify Flame:** Observe the burner to ensure a stable flame. If the heater does not ignite within a few seconds, turn the control knob to 'Off', wait 5 minutes, and repeat the ignition process.
4. **Adjust Heat Output:** Once ignited, you can adjust the heat output by rotating the control knob between the 'Low' (70,000 BTUs) and 'High' (125,000 BTUs) settings to achieve the desired temperature.
5. **Shutting Down:** To turn off the heater, first close the valve on the LP tank. Allow the heater to run until the flame extinguishes, then turn the control knob on the heater to the 'Off' position. Unplug the power cord when the unit is completely cool.



Figure 4: A close-up view of the black control knob with settings for 'Low' and 'High' heat, and 'Off', used to manage the heater's operation.



Figure 5: A detailed view of the control knob, showing settings from 'Low' to 'High' for adjusting the heat output to achieve ideal comfort.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Dyna-Glo heater. Always disconnect the heater from the propane tank and power source and allow it to cool completely before performing any maintenance.

- **Cleaning:** Keep the exterior of the heater clean. Wipe with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
- **Air Intake and Outlet:** Ensure the air intake and heat outlet areas are free from dust, debris, and obstructions.
- **Motor Access:** The split capacitor motor is securely mounted, designed for durability. Refer to the full manual for instructions on accessing the motor for inspection or service if needed.
- **Burner:** The heavy-duty brass burner comes with a lifetime warranty, indicating its robust construction. Inspect the burner

periodically for any signs of damage or blockage.

- **Storage:** When not in use, store the heater in a dry, safe location, away from direct sunlight and extreme temperatures. Disconnect the propane tank and store it separately according to local regulations.



Figure 6: An exploded view diagram of the heater's internal components, highlighting the motor and combustion chamber for maintenance access.

6. TROUBLESHOOTING

If your heater is not operating correctly, consult the following basic troubleshooting guide. For more detailed solutions, refer to the complete product manual.

- **Heater Fails to Ignite:**
 - Ensure the propane tank valve is fully open.
 - Check if the propane tank is empty or low on fuel.
 - Verify the power cord is securely plugged into a working outlet.
 - Confirm proper gas flow by checking for kinks in the hose or a faulty regulator.
- **Heater Shuts Off Unexpectedly:**
 - The automatic overheat shutoff may have activated. Allow the unit to cool down.
 - Ensure adequate ventilation to prevent oxygen depletion.
 - Check the propane supply; the tank might be running low.
- **Reduced Heat Output:**
 - Verify the control knob is set to the desired BTU level.
 - Ensure the propane tank is not freezing, especially in cold conditions, which can reduce gas flow.

If problems persist, contact customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Brand	Dyna-Glo
Model Number	RMC-FA125DGD
BTU Output	70,000 - 125,000 BTUs (Variable)
Heating Coverage	Up to 3,100 sq. ft.
Fuel Type	Liquid Propane Gas
Ignition Type	Continuous Electronic Ignition
Safety Features	Overheat Auto-Shut-off Protection, CSA Listed
Hose & Regulator	Includes 10 ft. hose & regulator
Portability	Portable with carrying handle
Product Dimensions	26.97 x 12.99 x 17.52 inches

Feature	Specification
Item Weight	26 pounds
Color	Grey/Black
Indoor/Outdoor Usage	Indoor (with proper ventilation) / Outdoor

8. WARRANTY AND SUPPORT

The Dyna-Glo RMC-FA125DGD heater comes with a **1-year limited warranty**. Additionally, the unit's heavy-duty brass burner is covered by a **lifetime warranty**.

For further assistance, technical information, maintenance schedules, or to find a repair center, please utilize the digital resources provided by Dyna-Glo. These resources offer instant diagnostics and direct contact to live support.



Figure 7: A graphic displaying six icons representing various digital resources: Technical Information, Maintenance Schedules, Warranty Information, Find a Repair Center, Instant Diagnostics, and Contact Live Support.

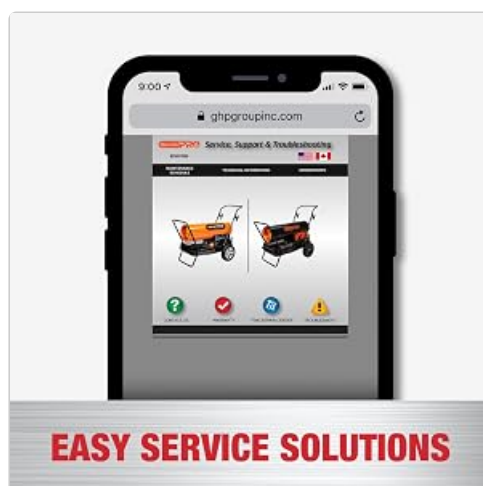


Figure 8: A smartphone screen displaying the GHP Group's service, support, and troubleshooting website, indicating easy access to solutions.

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