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› Dyna-Glo RMC-FA150DGD Liquid Propane Forced Air Heater User Manual

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Model: RMC-FA150DGD

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Dyna-Glo RMC-FA150DGD Liquid Propane Forced Air Heater. This portable heater is designed for outdoor and well-ventilated indoor construction, industrial, and commercial applications, capable of heating areas up to 3,500 sq. ft. It features a variable heat output from 120,000 to 150,000 BTUs, continuous electronic ignition, and an automatic overheat shut-off for safety. Please read all instructions carefully before use.



2. 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.

- **Ventilation:** This heater requires adequate ventilation. Ensure a continuous supply of fresh air to the operating area to prevent oxygen depletion and carbon monoxide buildup. Never use this heater 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.
- **Clearances:** Maintain minimum clearances from combustible materials as specified in the product labeling.
- **Fuel:** Use only liquid propane (LP) gas. Ensure the propane tank is placed on a stable, level surface.
- **Electrical Connection:** The heater requires a 120V, 60Hz grounded electrical outlet for operation.
- **Overheat Protection:** The unit is equipped with an automatic overheat shut-off. If the heater shuts down due to overheating, allow it to cool before restarting.
- **CSA Certified:** This product is CSA listed, ensuring it meets safety standards.

3. SETUP

1. **Position the Heater:** Place the heater on a stable, level surface in the desired heating area, ensuring proper clearances from combustible materials.
2. **Connect Propane Tank:** Connect the provided 10-foot hose and regulator assembly to a liquid propane tank (sold separately). Ensure a secure, leak-free connection.



Figure 2: Connecting the hose and regulator to the propane tank.

3. **Connect Hose to Heater:** Attach the other end of the hose to the gas inlet on the heater. Tighten securely.



Figure 3: Connecting the propane hose to the heater's gas inlet.

4. **Electrical Connection:** Plug the heater's power cord into a properly grounded 120V, 60Hz electrical outlet.

4. OPERATING INSTRUCTIONS

1. **Open Propane Valve:** Slowly open the valve on the propane tank.
2. **Ignite Heater:** Turn the control knob on the heater to the 'LOW' position. The continuous electronic ignition will automatically light the burner. If the burner does not ignite within 15 seconds, turn the control knob to 'OFF', wait 5 minutes, and repeat the ignition process.



Figure 4: Heater control knob for ignition and heat adjustment.

3. **Adjust Heat Output:** Rotate the control knob to select the desired heat output, ranging from 120,000 to 150,000 BTUs.
4. **Adjust Heat Angle:** Use the adjustable heat angle feature to direct the heat flow as needed.

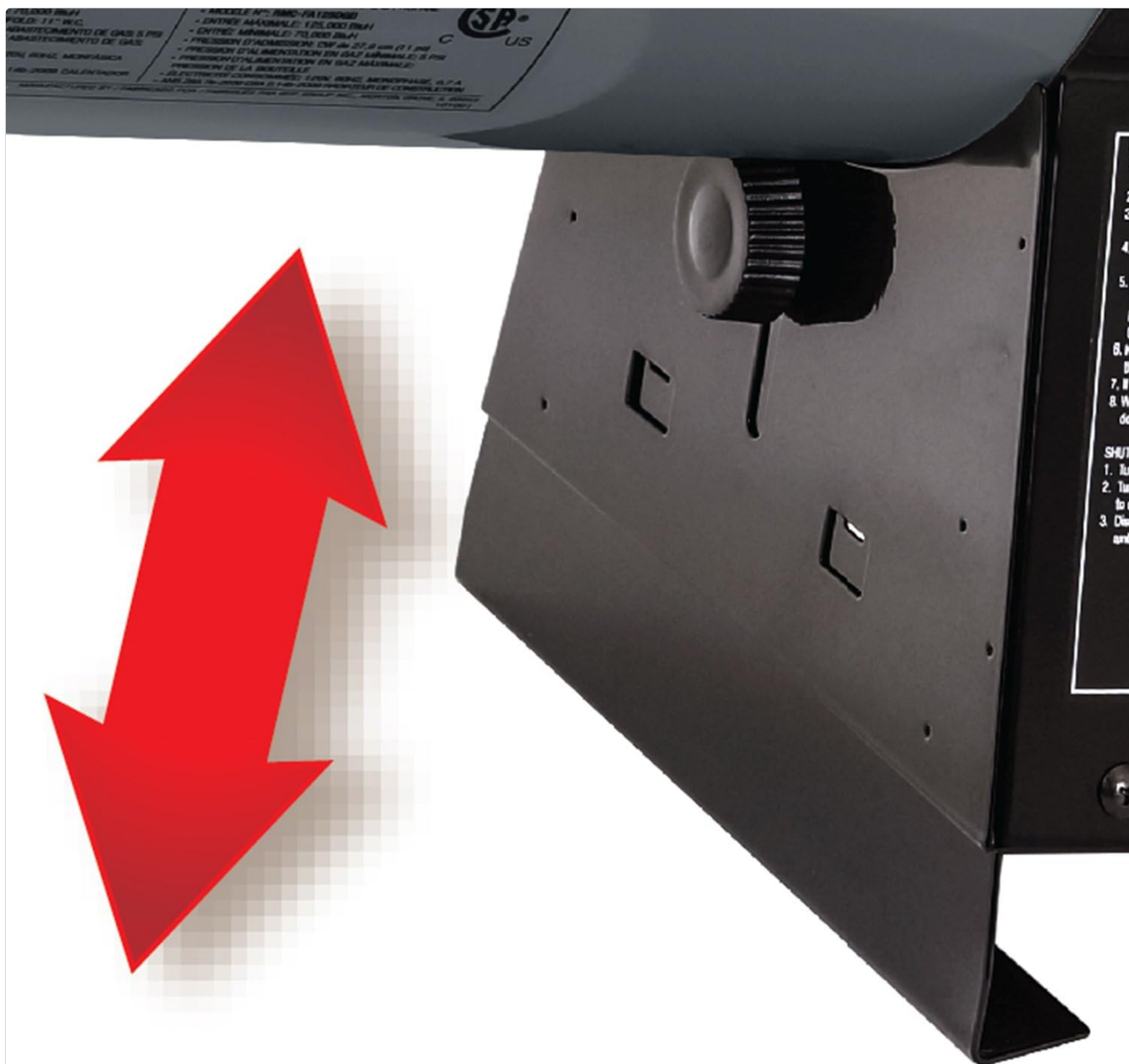


Figure 5: Adjustable heat angle mechanism for directing warmth.

5. **Shut Down:** To turn off the heater, first close the valve on the propane tank. Allow the heater to run until the flame extinguishes and the fan stops, then turn the control knob to 'OFF' and unplug the power cord.

Video 1: Dyna-Glo RMC-FA150DGD Liquid Propane Forced Air Heater in operation, demonstrating setup and ignition.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater. Always disconnect the power cord and close the propane tank valve before performing any maintenance.

- **Cleaning:** Keep the heater clean and free from dust and debris. Use a soft, dry cloth for exterior cleaning.
- **Inspection:** Periodically inspect the hose and regulator for any signs of wear, cracks, or damage. Replace if necessary.
- **Burner:** The heavy-duty brass burner is designed for durability. Inspect it for any obstructions or damage.

6. TROUBLESHOOTING

If your heater is not operating correctly, refer to the following common issues:

- **Heater Fails to Ignite:**
 - Ensure the propane tank valve is fully open.
 - Check that the propane tank has sufficient fuel.
 - Verify the power cord is securely plugged into a grounded outlet.
 - Confirm the control knob is turned to 'LOW' during ignition.
- **Heater Shuts Off Unexpectedly:**
 - The automatic overheat shut-off may have activated. Allow the unit to cool down completely before attempting to restart.
 - Check for proper ventilation in the operating area.
 - Ensure the propane tank has enough fuel.
- **Reduced Heat Output:**
 - Verify the control knob is set to the desired BTU level.
 - Check the propane tank for low fuel or freezing (especially in very cold conditions).

7. SPECIFICATIONS

Feature	Detail
Brand	Dyna-Glo
Model Number	RMC-FA150DGD
BTU Range	120,000 - 150,000 BTUs
Heating Coverage	Up to 3,500 sq. ft.
Fuel Type	Liquid Propane Gas
Item Weight	20.1 pounds
Product Dimensions	26.97 x 12.99 x 17.52 inches
Special Feature	Portable, Adjustable Heat Angle, Continuous Electronic Ignition, Overheat Auto-Shut-off Protection
Included Accessories	10' Hose & Regulator
Certifications	CSA Listed

8. WARRANTY AND SUPPORT

This Dyna-Glo RMC-FA150DGD heater comes with a **1-year limited warranty** from the manufacturer. For warranty claims, technical assistance, or further support, please contact Dyna-Glo customer service or visit the official GHP Group website for digital resources and service solutions.

For more information, visit the [Dyna-Glo Store](#) or the manufacturer's support page.

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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

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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