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› Dyna-Glo Delux KFA135DGD 95,000/135,000 BTU Kerosene Forced Air Heater User Manual

Dyna-Glo KFA135DGD

Dyna-Glo Delux KFA135DGD 95,000/135,000 BTU Kerosene Forced Air Heater User Manual

Model: KFA135DGD

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Dyna-Glo Delux KFA135DGD Kerosene Forced Air Heater. Please read this manual thoroughly before operating the heater and retain it for future reference.



Figure 1: Dyna-Glo Delux KFA135DGD Kerosene Forced Air Heater. This image displays the complete heater unit with its robust frame, wheels, and control panel visible on the side.

2. IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating this appliance. Failure to follow these instructions could result in fire, explosion, electric shock, or carbon monoxide poisoning, which could cause property damage, personal injury, or death.

- **Indoor/Outdoor Usage:** This heater is designed for indoor construction use only, not for living areas. Adequate ventilation must be provided.
- **Fuel Type:** Use only K1 Kerosene, Diesel #1, Diesel #2, Fuel Oil #1, Fuel Oil #2, Jet A, or JP-8. K1 Kerosene is recommended for optimal, cleaner burns and longer product life. **DO NOT USE GASOLINE.**
- **Ventilation:** Ensure proper ventilation to prevent carbon monoxide buildup.
- **Clearance:** Maintain minimum clearances to combustible materials as specified in the manual.
- **Supervision:** Never leave the heater unattended while operating.
- **Children and Pets:** Keep children and pets away from the heater.

- **Flammable Materials:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **CSA Certified:** This heater is CSA certified for multi-fuel use.

3. SETUP AND ASSEMBLY

The Dyna-Glo Delux KFA135DGD heater requires minimal assembly. Follow these steps to prepare your heater for operation:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Wheel Assembly:** Attach the 10" flat-free wheels to the axle and secure them to the heater frame.

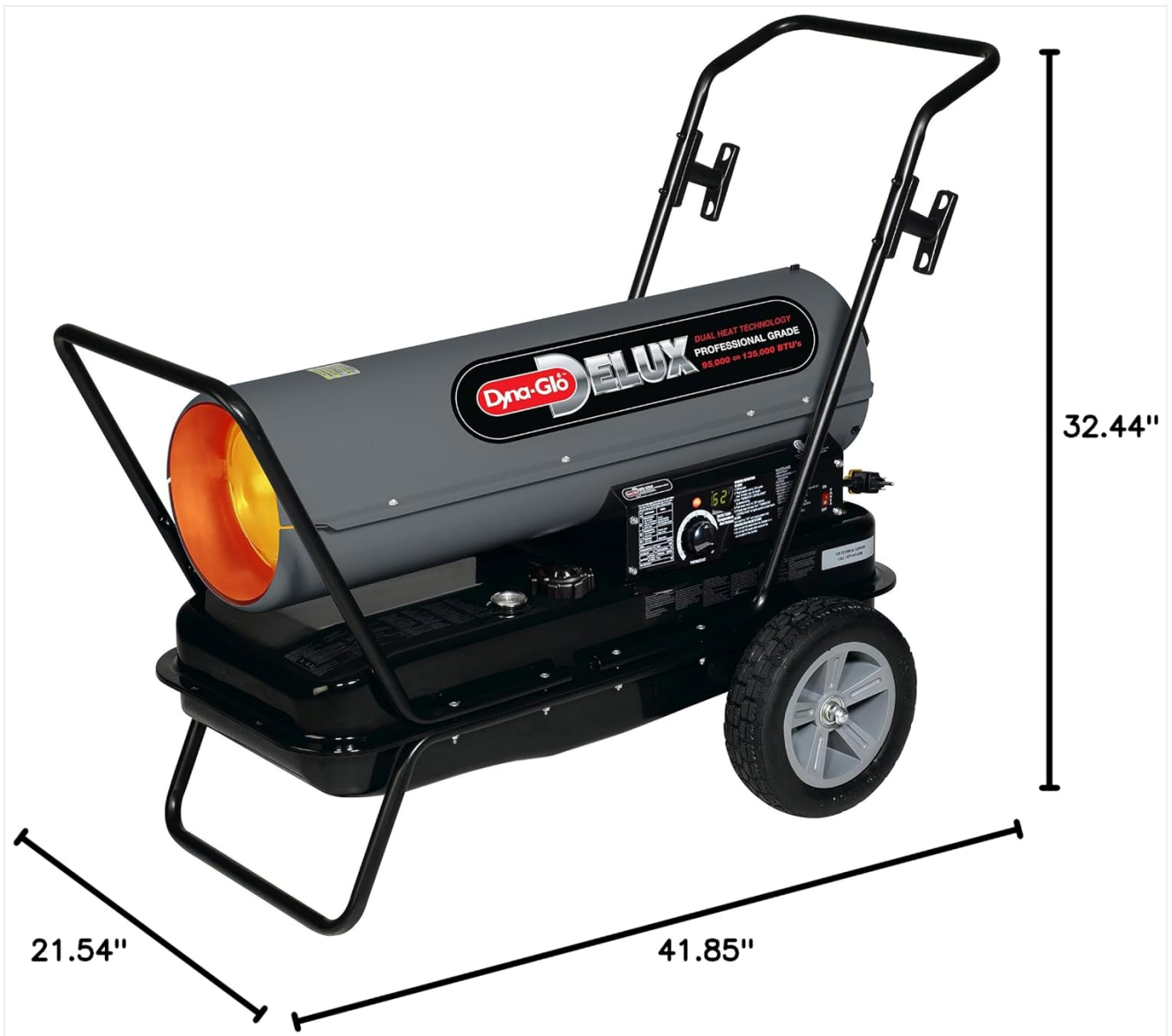


Figure 2: Heater dimensions and wheel assembly. The image shows the overall dimensions of the heater and highlights the 10-inch flat-free wheels for portability.

3. **Handle Installation:** Secure the front and rear lift handles to the heater frame using the provided hardware.



Figure 3: Close-up of the ergonomic handles. These handles are designed for easy lifting and maneuvering of the heater.

4. **Fueling:** Fill the fuel tank with the appropriate fuel type (K1 Kerosene recommended). Do not overfill.

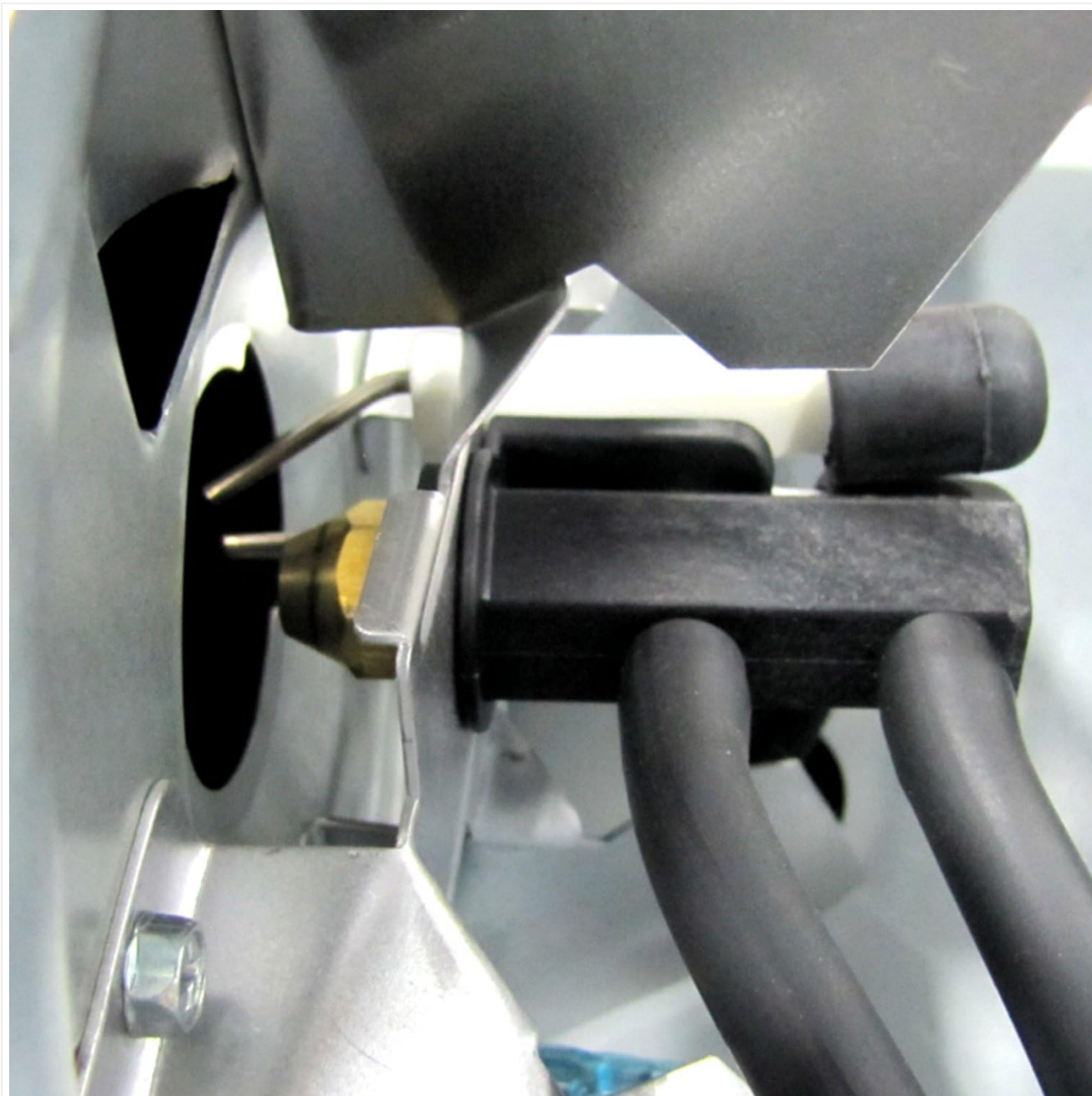


Figure 4: Fuel cap for filling the tank. The cap is clearly marked for easy access to the fuel reservoir.



Figure 5: Run Time Fuel Gauge. This gauge provides an estimate of remaining operating time before refueling is required.

5. **Power Connection:** Plug the dual source power cord into a grounded 120V AC outlet.



Figure 6: Dual Source Power Cord. This cord allows the heater to be powered while also providing an outlet for other devices.

4. OPERATING INSTRUCTIONS

Your Dyna-Glo Delux heater is designed for user-friendly operation. Follow these steps to start and control your heater:

1. **Power On:** Flip the "ON/OFF" switch to the "ON" position. The heater will begin its ignition sequence.
2. **Heat Output Selection:** Utilize the Dual Heat Technology switch to select between 95,000 BTU (Low) or 135,000 BTU (High) settings.



Figure 7: High/Low heat output switch and air pressure gauge. The red switch controls the BTU output, and the gauge monitors internal air pressure.

3. **Thermostat Control:** Adjust the comfort control thermostat to your desired temperature. The digital display will show the set temperature.



Figure 8: Digital thermostat control. The dial allows precise temperature adjustment, and the LED screen displays the current setting.

4. **Monitoring:** The built-in air pressure gauge allows you to monitor the internal pressure for optimal performance.



Figure 9: Close-up of the air pressure gauge. This gauge helps ensure the heater is operating within safe and efficient pressure ranges.

5. **Shutdown:** To turn off the heater, flip the "ON/OFF" switch to the "OFF" position. The blower will continue to run for a short period to cool down the unit before shutting off completely.

Official Product Videos

Dyna Glo Delux KFA135DGD Kerosene Forced Air Heater Overview

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Video 1: This video provides a comprehensive overview of the Dyna-Glo Delux KFA135DGD Kerosene Forced Air Heater, highlighting its features, multi-fuel capability, dual heat technology, and portability. It demonstrates the heater in operation and showcases its various components.

Dyna-Glo KFA80DGD Kerosene Forced Air Heater Overview

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Video 2: This video presents an overview of the Dyna-Glo KFA80DGD Kerosene Forced Air Heater, a similar model in the Dyna-Glo Delux series. It showcases the heater's design, features, and operational aspects, providing insight into the product line's capabilities.

Dyna-Glo KFA50DGD Kerosene Forced Air Heater Overview

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Video 3: This video offers an overview of the Dyna-Glo KFA50DGD Kerosene Forced Air Heater, another model within the Dyna-Glo Delux family. It highlights the heater's features, ease of use, and suitability for various heating needs, similar to the KFA135DGD.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater. Always disconnect the heater from power before performing any maintenance.

- **Daily:** Check for any visible damage or leaks. Ensure the area around the heater is clear of obstructions.
- **Weekly:** Clean the intake air filter. Wash with detergent and dry thoroughly.
- **Every 500 Hours:** Replace the intake air filter.
- **Annually:** Inspect the fuel filter, nozzle, and igniter. Clean or replace as necessary. Refer to the detailed maintenance section in the full product manual for specific instructions.
- **Fuel Tank Drain:** Periodically drain the fuel tank to remove any sediment or water.

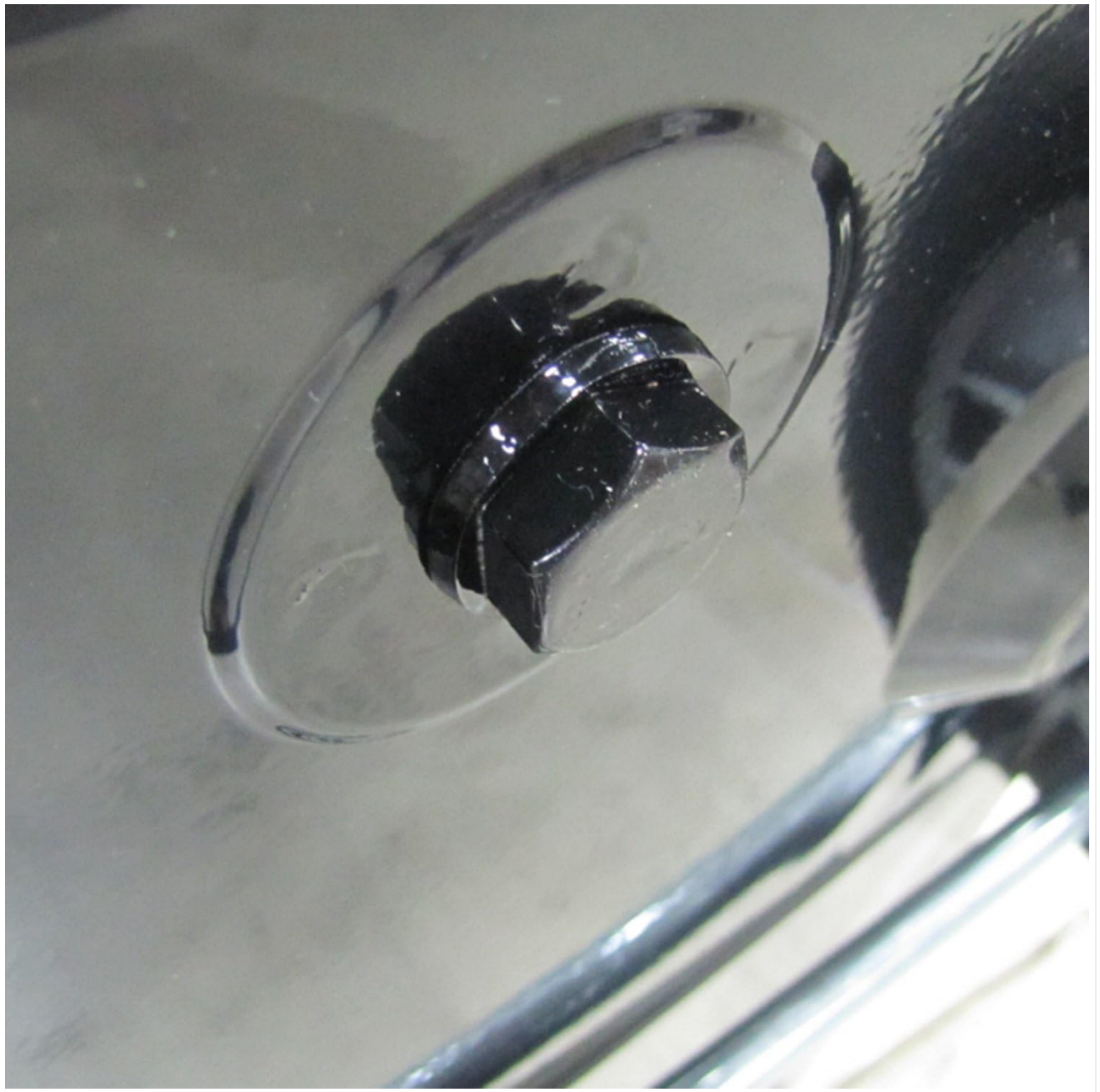


Figure 10: Fuel tank drain plug. This plug allows for easy draining of the fuel tank for cleaning or storage.

6. TROUBLESHOOTING

If your heater is not operating correctly, consult the following common issues and solutions. For complex problems, contact customer support.

Problem	Possible Cause	Solution
Heater does not start.	No power, low fuel, faulty igniter.	Check power connection, refill fuel tank, inspect/replace igniter.
Heater runs but produces no heat.	Clogged fuel filter/nozzle, low air pressure.	Clean/replace fuel filter/nozzle, check air pressure gauge.
Heater shuts off unexpectedly.	Overheat sensor activated, flameout sensor activated, low fuel.	Allow to cool, check fuel level, ensure proper ventilation.

Problem	Possible Cause	Solution
Excessive smoke or odor.	Incorrect fuel type, dirty filter/nozzle, poor ventilation.	Use recommended fuel, clean components, increase ventilation.

The built-in digital diagnostics system can assist in identifying issues. Refer to the full manual for diagnostic codes.

7. SPECIFICATIONS

- **Model:** KFA135DGD
- **Brand:** Dyna-Glo
- **Heat Output:** 95,000 or 135,000 BTU
- **Heating Coverage:** Up to 3,200 sq. ft.
- **Fuel Type:** K1 Kerosene, Diesel #1, Diesel #2, Fuel Oil #1, Fuel Oil #2, Jet A, JP-8
- **Voltage:** 120 Volts
- **Number of Speeds:** 2 (Dual Heat Technology)
- **Special Features:** Portable, Wheels, Comfort Control Thermostat, Digital Diagnostics, Air Pressure Gauge, Run Time Fuel Gauge, Dual Source Power Cord, Flameout Sensor
- **Product Dimensions:** 41.85"D x 21.54"W x 32.44"H
- **Item Weight:** 52.2 pounds
- **Manufacturer:** GHP Group, Inc.
- **UPC:** 872076000389

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product at the time of purchase. For technical support, replacement parts, or any inquiries, please contact Dyna-Glo customer service. You can visit the official Dyna-Glo store for more information and product registration.

Dyna-Glo Store: [Visit the Dyna-Glo Store on Amazon](#)

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.

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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