



[Manuals.plus](#) /

> [Dyna-Glo](#) /

> Dyna-Glo 30,000 BTU Liquid Propane Blue Flame Vent Free Wall Heater, White Manual

Dyna-Glo BF30PMDG-4

Dyna-Glo 30,000 BTU Liquid Propane Blue Flame Vent Free Wall Heater Instruction Manual

Model: BF30PMDG-4

INTRODUCTION

The Dyna-Glo 30,000 BTU Liquid Propane Blue Flame Vent Free Wall Heater is designed to provide safe and efficient supplemental heating for indoor spaces such as homes, cabins, or garages. This advanced vent-free technology eliminates the need for a flue or chimney, offering flexible installation options. Operating on liquid propane only, it boasts 99.9% efficiency, distributing heat similar to a central heating system. Its operation does not require electricity, making it a reliable choice for everyday use and emergency situations during power outages.

Important Safety Information: This heater is for indoor use only. Ensure proper ventilation as per local regulations. It operates on Propane only and requires a 100-lb. tank or larger with a two-stage adjustable regulator (available from local gas company). A built-in oxygen depletion sensor (ODS) automatically shuts down the heater if carbon monoxide or lack of oxygen is detected, enhancing safety.

PRODUCT OVERVIEW

The Dyna-Glo Blue Flame Vent Free Wall Heater features a sleek white design and intuitive controls. Key components include the main heating unit, control knob, igniter button, and an optional fan switch (located at the back).

Key Features:

- **Liquid Propane Ready:** Designed exclusively for liquid propane (fuel conversion not permitted).
- **Blue Flame Technology:** Convects heat to warm the air, similar to a central heating system.
- **Variable Heat Output:** Offers 24,000-30,000 BTU's/hr, capable of heating up to 1,000 sq. ft.
- **Customizable Settings:** Variable control knob for LOW (24,000 BTU), MED (27,000 BTU), and HI (30,000 BTU) settings.
- **No Electricity Required:** Provides reliable back-up heating during power outages.
- **Built-in ODS:** Oxygen Depletion Sensor for enhanced safety.

- **Battery-Assisted Igniter:** Ensures quick and effortless ignition.
- **Versatile Mounting:** Includes hardware and bracket for wall mounting. Optional base legs (WBL100) for floor mounting and optional Wall Heater Fan (WHF100) sold separately.

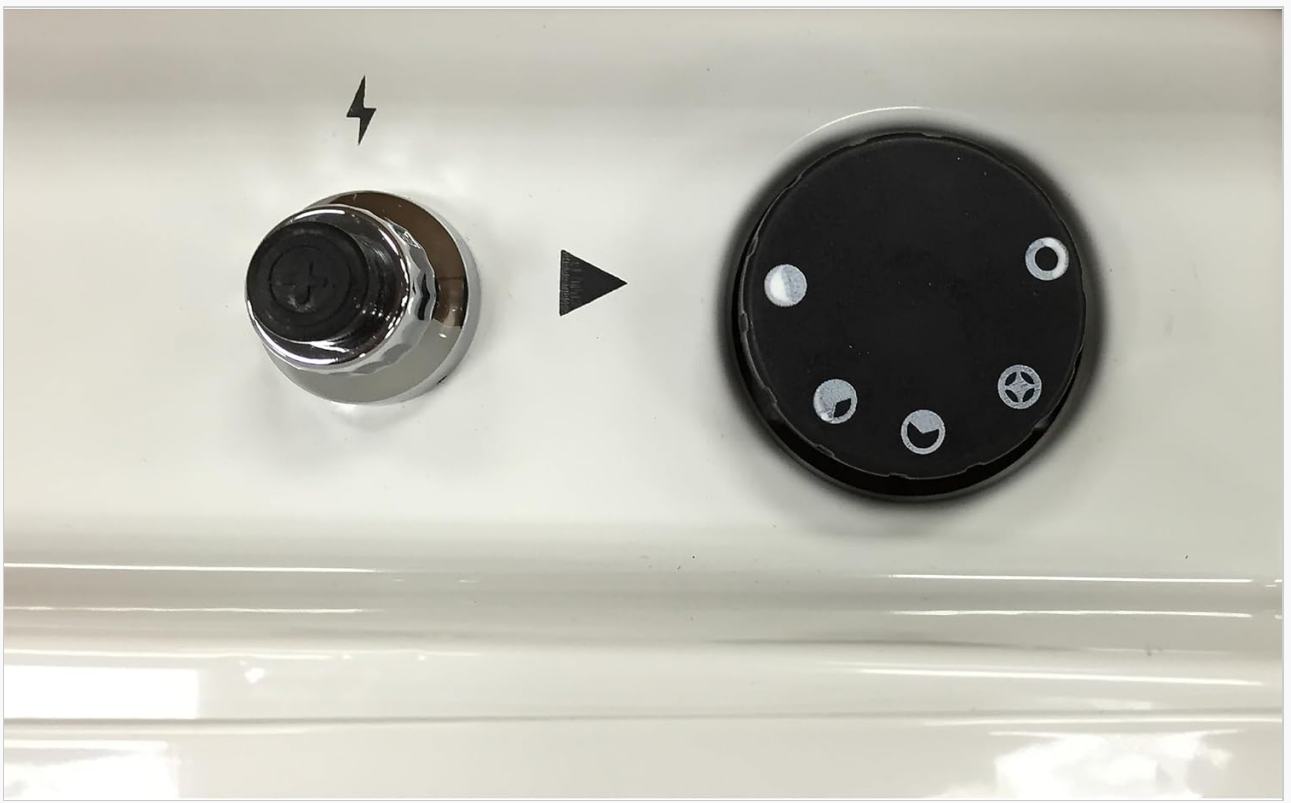
Product Visuals:



Front view of the Dyna-Glo 30,000 BTU Liquid Propane Blue Flame Vent Free Wall Heater, showing the blue flame through the protective grate.



Angled view of the heater, highlighting its compact design.



Close-up of the control panel, showing the igniter button and the variable heat setting knob.



The heater mounted on a wall in a living room setting, demonstrating its aesthetic integration.



The heater mounted on a wall in a garage setting, showing its utility in various spaces.

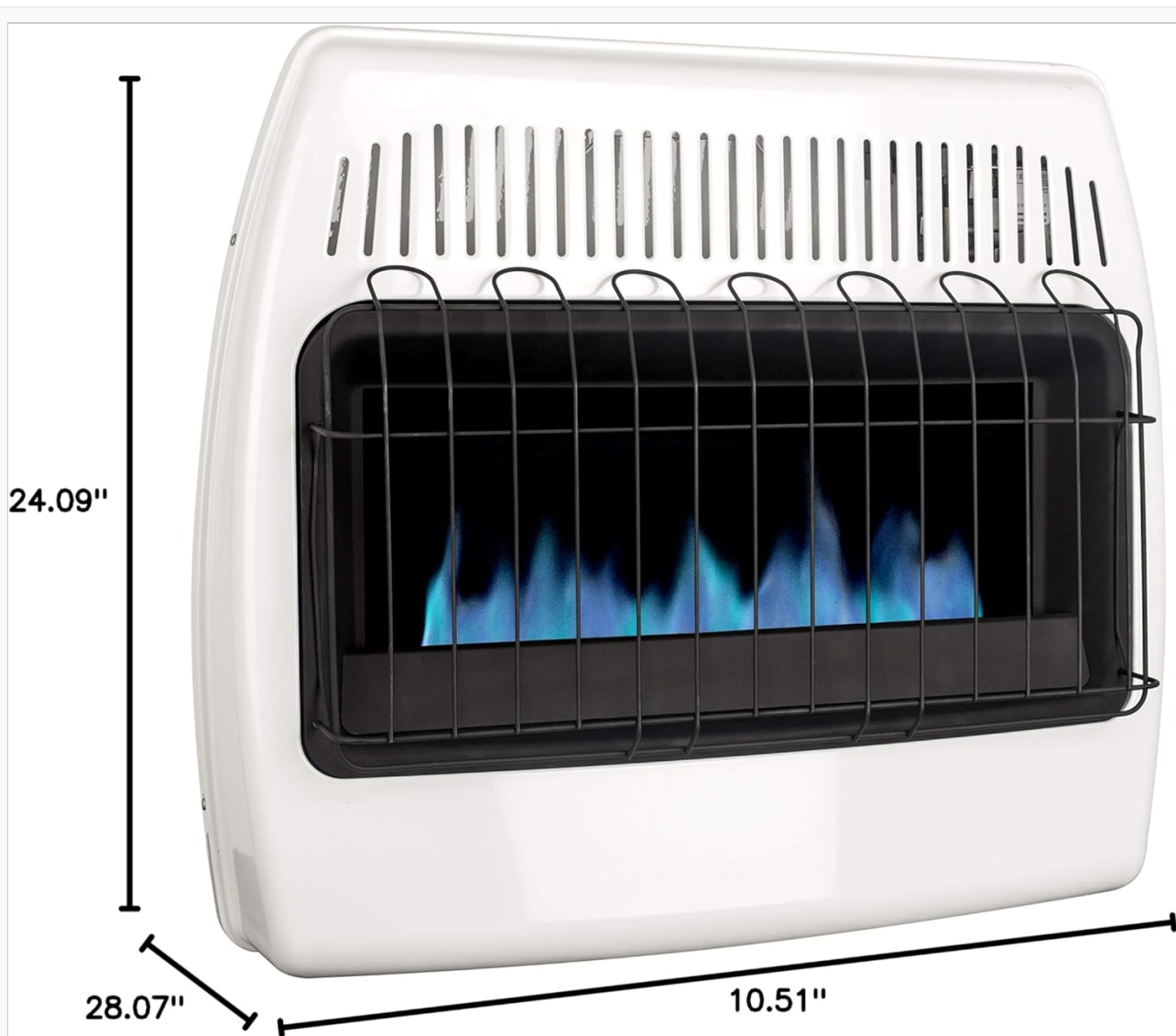


Diagram illustrating the product dimensions: 28.07"D x 10.51"W x 24.09"H.

SETUP

Proper installation is crucial for the safe and efficient operation of your Dyna-Glo wall heater. This unit is designed for wall mounting and includes the necessary hardware and bracket. Ensure the mounting location is suitable for a gas appliance and adheres to all local building codes and regulations. It is recommended to consult a qualified professional for gas line installation.

1. **Location Selection:** Choose a suitable indoor location, away from combustible materials and in an area that allows for proper air circulation. Refer to the full installation manual for minimum clearances.
2. **Gas Supply Connection:** Connect the heater to a liquid propane supply. A 100-lb. propane tank or larger is required, along with a two-stage adjustable regulator. Ensure all gas connections are secure and leak-free.
3. **Mounting:** Use the provided hardware and bracket to securely mount the heater to a sturdy wall surface. If opting for floor mounting, separately sold optional base legs (WBL100) are required.
4. **Ventilation:** Although vent-free, ensure adequate ventilation in the room where the heater is installed, especially during prolonged use.

OPERATING INSTRUCTIONS

Follow these steps to safely operate your Dyna-Glo wall heater:

1. **Ensure Gas Supply:** Verify that the propane tank valve is open and there is sufficient fuel.

2. Ignition:

- Turn the control knob to the "PILOT" position.
- Press and hold the control knob in.
- While holding the knob, repeatedly press the battery-assisted igniter button until the pilot flame ignites.
- Continue to hold the control knob for 30-60 seconds after ignition to allow the thermocouple to heat up. Release the knob slowly. If the pilot light goes out, repeat the process.

3. Adjust Heat Setting:

Once the pilot is lit, turn the control knob to your desired heat setting:

- **LOW:** Approximately 24,000 BTU/hr
- **MED:** Approximately 27,000 BTU/hr
- **HI:** Approximately 30,000 BTU/hr

4. Fan Operation (Optional):

If you have the separately sold Wall Heater Fan (WHF100), locate the fan switch at the back of the unit and turn it on to help circulate the heat more effectively throughout the room.

5. To Turn Off:

Turn the control knob to the "OFF" position. Close the valve on the propane tank if the heater will not be used for an extended period.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater. Always turn off the heater and disconnect the gas supply before performing any maintenance.

• Cleaning:

- Periodically clean the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners.
- Keep the air intake and exhaust vents clear of dust and debris to ensure proper airflow.
- If the pilot light struggles to stay lit, gently clean the pilot gas tube with a cotton swab to remove any film or obstruction from the air hole.

• Gas Connections:

Annually inspect all gas connections for any signs of wear or leaks. Use a soapy water solution to check for bubbles, indicating a leak.

• Pilot Assembly:

Ensure the pilot assembly and thermocouple are free from obstructions and dirt.

• Storage:

If storing the heater for an extended period, ensure it is clean and disconnected from the gas supply. Store in a dry, safe place.

TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common troubleshooting steps. For persistent problems, contact qualified service personnel.

Problem	Possible Cause	Solution
Pilot light will not light or stay lit.	<ul style="list-style-type: none">• No gas supply or low pressure.• Pilot gas tube/air hole is dirty.• Thermocouple not heating sufficiently.• ODS sensor activated.	<ul style="list-style-type: none">• Check propane tank and regulator.• Clean pilot gas tube with a cotton swab.• Ensure pilot flame is engulfing the thermocouple.• Ensure adequate ventilation; check for obstructions.

Problem	Possible Cause	Solution
Heater produces an unusual smell.	<ul style="list-style-type: none"> • New unit "burn-off" smell. • Dust accumulation on burner. • Incomplete combustion. 	<ul style="list-style-type: none"> • Initial use may have a slight odor, which should dissipate. • Clean the burner area. • Ensure proper gas pressure and ventilation. If smell persists, discontinue use and seek professional help.
Heater does not produce enough heat.	<ul style="list-style-type: none"> • Incorrect heat setting. • Room size exceeds heating capacity. • Poor insulation or drafts. 	<ul style="list-style-type: none"> • Adjust to a higher BTU setting. • Verify room size is within 1,000 sq. ft. capacity. • Improve room insulation or seal drafts.

SPECIFICATIONS

Attribute	Detail
Brand	Dyna-Glo
Model Number	BF30PMDG-4
Special Feature	Adjustable Temperature
Color	White
Indoor/Outdoor Usage	Indoor
Product Dimensions (D x W x H)	28.07" x 10.51" x 24.09"
Recommended Uses	Garage, Home
Mounting Type	Wall Mount
Room Type	Bedroom, Home Office, Study Room
Heating Coverage	Up to 1000 square feet
Burner Type	Blue Flame (Convection)
Fuel Type	Liquid Propane (LP)
Max Temperature Setting (BTU)	30,000 BTU
UPC	872076037750
Item Weight	24.8 pounds
Manufacturer	GHP Group, Inc.
Batteries Required	No (for operation, igniter is battery-assisted)

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the documentation included with your product or visit the official Dyna-Glo website. You can also contact GHP Group, Inc., the manufacturer, for assistance.

Online Resources:

- [Dyna-Glo Store on Amazon](#)
- Refer to the complete user manual for comprehensive instructions and safety guidelines.