

Mr. Heater MH18B/F274800

Mr. Heater MH18B/F274800 Big Buddy Portable Propane Heater Instruction Manual

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1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Mr. Heater MH18B/F274800 Big Buddy Portable Propane Heater. This unit is designed to deliver powerful heating performance with an 18,000 BTU output capacity, suitable for warming spaces up to 450 square feet. Its portable design ensures convenient mobility for various indoor applications where adequate ventilation is present.



Figure 1: Front view of the Mr. Heater Big Buddy Portable Propane Heater, showing its red and black casing with the heating elements visible behind a protective grate.

2. SAFETY INFORMATION

WARNING: For indoor use only with adequate ventilation. Improper use can lead to carbon monoxide poisoning.

The Mr. Heater Big Buddy Portable Propane Heater is equipped with important safety features for your protection:

- **Tip-Over Protection:** The heater will automatically shut off if it is accidentally knocked over, preventing potential hazards.
- **Oxygen Depletion Sensor (ODS):** This sensor monitors oxygen levels in the environment. If oxygen levels drop to an unsafe level, or if there are high levels of carbon monoxide (CO) or carbon dioxide (CO₂), the heater will automatically shut off. This feature is crucial for safe operation, especially in smaller, enclosed spaces.
- **Integrated Fan:** The unit includes an integrated fan that circulates heated air efficiently. Ensure the fan vents are not obstructed.

Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. SETUP

3.1 Fuel Connection

The heater can operate using either one-pound disposable propane cylinders or a larger 20-pound propane tank with an optional adapter hose and filter (sold separately).

- **For 1-Pound Propane Cylinders:** The heater features two ports on its sides for direct attachment of 1-pound propane cylinders. Open the access door on each side and screw in the cylinders firmly.
- **For 20-Pound Propane Tanks:** Connect an optional adapter hose and filter to one of the heater's propane ports. The port closest to the thermostat switch is typically used for this connection. Ensure all connections are tight to prevent leaks.

3.2 Fan Power

The integrated fan can be powered by batteries or an AC adapter (sold separately).

- **Battery Operation:** Insert the required batteries into the battery compartment located on the back of the unit.
- **AC Adapter Operation:** Connect the AC adapter to the designated port on the heater and plug it into a standard electrical outlet.

4. OPERATING INSTRUCTIONS

4.1 Ignition

1. Ensure the propane supply is connected and turned on.
2. Turn the control knob to the "PILOT" position and push it in. Hold for 30-60 seconds to purge air from the lines and allow the pilot to light.
3. Once the pilot is lit, continue holding the knob for a few more seconds, then release. The pilot should remain lit.
4. Turn the control knob to your desired heat setting.

4.2 Heat Settings

The heater offers three adjustable heat settings:

- **Low:** Approximately 4,000 BTUs. Provides about 10.8 hours of runtime on two 1-pound cylinders.
- **Medium:** Approximately 9,000 BTUs. Provides about 4.8 hours of runtime on two 1-pound cylinders.
- **High:** Approximately 18,000 BTUs. Provides about 2.4 hours of runtime on two 1-pound cylinders.

When using a 20-pound propane tank, multiply the above runtime figures by approximately eight (8) for an estimated runtime, as 20-pound tanks are typically filled to about 80% capacity.

4.3 Fan Operation

Use the switch on the back of the unit to turn the fan on or off. The fan helps to circulate the heat more effectively throughout the space.

5. MAINTENANCE

Regular maintenance ensures optimal performance and safety of your heater.

- **Cleaning:** Keep the exterior of the heater clean. Use a soft, damp cloth to wipe down surfaces. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure all air intake and exhaust vents are clear of obstructions. Periodically check for dust or debris buildup and clean as necessary.
- **Storage:** When not in use, store the heater in a dry, protected area. Disconnect propane cylinders before storage.

6. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common troubleshooting steps:

- **Heater does not ignite:** Ensure propane cylinders are properly connected and have fuel. Check that the control knob is held in the "PILOT" position long enough during ignition.
- **Heater shuts off unexpectedly:** This may be due to the tip-over protection or the Oxygen Depletion Sensor (ODS) activating. Check if the heater was knocked over or if the area has sufficient ventilation. Ensure no fumes or high levels of CO/CO₂ are present.
- **Fan not working:** Check if batteries are installed correctly and have charge, or if the AC adapter is properly connected and plugged in.

For persistent issues, contact customer support.

7. SPECIFICATIONS

Brand	Mr. Heater
Model Number	MH18B/F274800
Special Feature	Noiseless, Portable
Color	Red
Form Factor	Tower

Indoor/Outdoor Usage	Indoor
Mounting Type	Floor Mount
Heating Coverage	450 square feet
Burner Type	Radiant
Number of Speeds	3
Product Dimensions	26 x 21 x 20 inches
Item Weight	17.1 pounds
UPC	089301748002

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase accessories, please visit the official Mr. Heater website or contact their customer service. You can also find more information at the [Mr. Heater Store on Amazon](#).