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Mr. Heater F232000

Mr. Heater Portable Buddy Heater MH9BX Instruction Manual

Model: F232000

Introduction

The Mr. Heater Portable Buddy Heater MH9BX is engineered to deliver reliable and efficient radiant heat in various settings. Its compact and portable design makes it an excellent choice for heating small to medium-sized areas, providing warmth directly to objects and people. This manual provides essential information for safe setup, operation, maintenance, and troubleshooting of your heater.



Image: The Mr. Heater Portable Buddy Heater MH9BX, showcasing its compact design and radiant heating element.

Important Safety Information

WARNING: Failure to follow these instructions can result in fire, explosion, carbon monoxide poisoning, or death.

- **Ventilation:** Always ensure adequate ventilation when operating the heater indoors. This heater is equipped with an Oxygen Depletion Sensor (ODS) that will shut off the unit if oxygen levels become too low.
- **Tip-Over Safety:** The heater features an improved tip-over safety switch that will automatically shut off the unit if it is shaken, bounced, or tipped.
- **Manufacturer Parts:** Use only manufacturer's replacement parts and accessories. Use of any other parts could cause injury. Replacement parts are only available direct from the factory and must be installed by a qualified service agency.

- **Hose Compatibility:** Mr. Heater hoses F273702 and F272702 are specifically designed for use with this heater along with F273704. A fuel filter is not required for these specific hoses.
- **Propane Leaks:** Before each use, check all connections for leaks using soapy water. Do not use if leaking.



Image: Diagram illustrating the Mr. Heater Life Safety System, including patented cross-thread protection, emergency low oxygen safety, tip-over shut down, and flame retardant materials.

For detailed safety guidelines, please refer to the official Safety Information PDF: Safety Information (PDF)

Setup

Follow these steps to properly set up your Mr. Heater Portable Buddy Heater:

1. **Unpack:** Carefully remove the heater from its packaging and inspect for any damage.
2. **Positioning:** Place the heater on a stable, level surface away from combustible materials. Ensure there is adequate clearance around the unit.

3. **Propane Connection:**
    - For 1 lb. LP cylinders: Screw the 1 lb. propane cylinder directly into the swivel regulator on the side of the heater. Hand-tighten only.
    - For 20 lb. tanks (optional): Connect an approved Mr. Heater hose and filter (sold separately) to the swivel regulator and then to your 20 lb. propane tank. Ensure all connections are secure.



Image: The Portable Buddy Heater with a 1 lb. propane tank securely attached to its side.



Image: A close-up view of the swivel regulator, designed for easy installation of propane cylinders.

4. **Leak Test:** After connecting the propane, apply a soapy water solution to all connections. Bubbles indicate a leak. If a leak is detected, tighten connections or replace the cylinder/hose. Do not operate the heater if a leak is present.

Operating Instructions

To operate your Mr. Heater Portable Buddy Heater, follow these steps:

1. **Ignition:** Turn the control knob to the 'PILOT' position. Push and hold the knob down for 30-60 seconds to allow gas to flow and the pilot light to ignite. The piezo igniter will automatically spark.
2. **Heat Setting:** Once the pilot is lit and stable, release the knob and turn it to either the 'LOW' or 'HIGH' setting. The radiant heating element will begin to glow.
    - **LOW Setting:** Provides 4,000 BTUs of heat and can run for approximately 5.5 to 6 hours on a 1 lb. propane cylinder.
    - **HIGH Setting:** Provides 9,000 BTUs of heat and can run for approximately 2.4 to 3 hours on a 1 lb. propane cylinder.



Image: Close-up of the control knob, indicating the 'OFF', 'PILOT', 'LOW', and 'HIGH' heat settings.

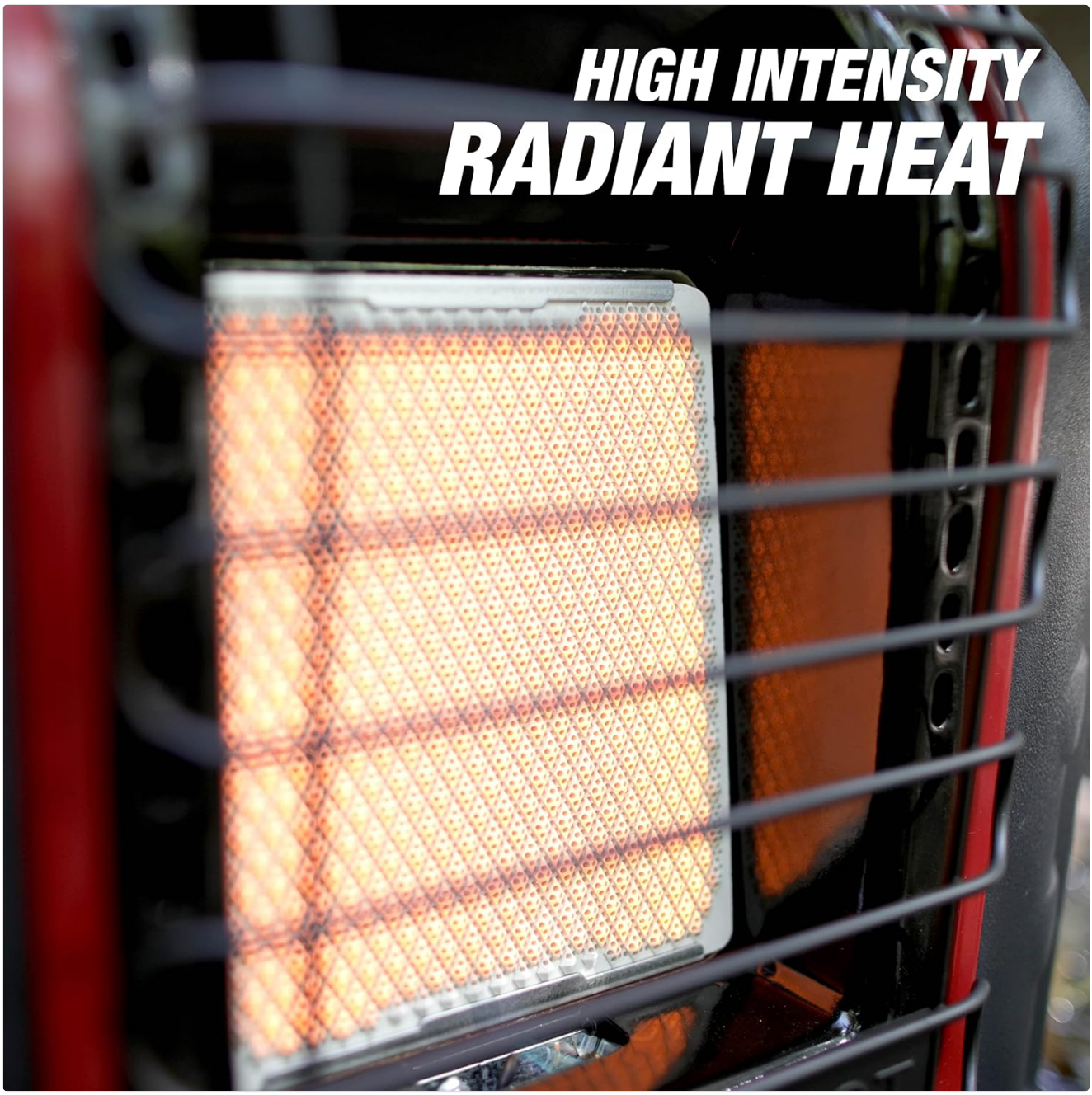


Image: The heater's ceramic element glowing with high intensity radiant heat during operation.

3. **Shutting Off:** To turn off the heater, simply turn the control knob to the 'OFF' position. Close the valve on the propane cylinder when not in use.

Maintenance

Regular maintenance ensures the longevity and safe operation of your Mr. Heater Portable Buddy Heater:

- **Cleaning:** Keep the heater clean and free from dust and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the ceramic heating element for cracks or damage. Check the propane connections and hose (if applicable) for wear or leaks before each use.
- **Storage:** When not in use, store the heater in a cool, dry place, disconnected from the propane cylinder.

Troubleshooting

If you encounter issues with your Mr. Heater Portable Buddy Heater, refer to the following common troubleshooting tips:

- **Heater Not Igniting:**
  - Ensure the propane cylinder is properly connected and has fuel.
  - Verify the control knob is held down long enough (30-60 seconds) in the 'PILOT' position.
  - Check for any obstructions in the pilot light area.
- **Heater Shuts Off During Operation:**
  - The Oxygen Depletion Sensor (ODS) may have activated due to insufficient ventilation. Increase ventilation.
  - The tip-over switch may have activated. Ensure the heater is on a stable, level surface.
  - The propane cylinder may be empty or low on fuel. Replace or refill.
- **Low Heat Output:**
  - Ensure the heater is set to the desired heat level ('LOW' or 'HIGH').
  - Check propane supply; a low tank can reduce performance.

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

SPECIFICATIONS



Image: Diagram showing the dimensions of the Mr. Heater Portable Buddy Heater: 13.25 inches height, 8.00 inches length, and 13.25 inches width.

Feature	Detail
Brand	Mr. Heater
Model Number	F232000
Heat Output	4,000 - 9,000 BTUs
Heating Coverage	Up to 225 sq. ft.
Fuel Type	Propane
Ignition Type	Piezo Igniter
Safety Features	Low-Oxygen Safety Shutoff (ODS), Tip-Over Safety Switch
Indoor/Outdoor Usage	Indoor (with ventilation), Outdoor

Product Dimensions	7.7"D x 13.4"W x 15"H
Item Weight	9 pounds
UPC	089301320000

Warranty and Support

Your Mr. Heater Portable Buddy Heater MH9BX comes with a**1-Year Limited Warranty**. For warranty claims or technical support, please contact Mr. Heater customer service.
Additional resources:

- User Guide (PDF): Download User Guide
- User Manual (PDF): Download User Manual

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