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Mr. Heater MH9BX

Mr. Heater MH9BX Portable Buddy Heater Instruction Manual

Model: MH9BX | Brand: Mr. Heater

1. INTRODUCTION

The Mr. Heater MH9BX Portable Buddy Heater is a versatile, portable radiant propane heater designed for both indoor and outdoor use. It provides efficient heating with a low oxygen safety shut-off system and a tip-over switch for enhanced safety. This manual provides essential information for the safe and proper setup, operation, and maintenance of your heater.



Figure 1: Mr. Heater MH9BX Portable Buddy Heater with a 1lb propane tank.

2. SAFETY INFORMATION

Your safety is paramount. Read and understand all warnings and instructions before operating this heater. Failure to follow these instructions could result in fire, explosion, property damage, personal injury, or death.

2.1 Carbon Monoxide Warning

Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness, and/or nausea. If you experience these symptoms, ensure the heater is functioning correctly and get fresh air immediately. Have the heater serviced if

symptoms persist.

2.2 Low Oxygen Safety System (ODS)

This heater is equipped with an Oxygen Depletion Sensor (ODS) that will automatically shut off the heater if oxygen levels in the area become too low. This is a critical safety feature for indoor use.

2.3 Tip-Over Shut-Off System

The heater will automatically shut off if it is accidentally tipped over, preventing potential hazards.

2.4 Clearances to Combustibles

Maintain the following minimum clearances from combustible materials:

- **Top:** 30 inches
- **Front:** 24 inches
- **Sides:** 6 inches
- **Rear:** 0 inches (no distance required)

2.5 Ventilation Requirements

When operating the heater indoors, ensure adequate ventilation. The heater requires a minimum vent area of 9 square inches (example: 3" x 3" opening) at the ceiling and at floor level for adequate ventilation during operation. Do not use other fuel burning appliances inside the enclosure with a window or roof vent.

2.6 Fuel Type

Use only propane (LP) gas. Never use refillable propane cylinders with this heater. Only use disposable 1lb propane cylinders or connect to a larger propane tank using an approved adapter hose (sold separately).

2.7 High Altitude Operation

The heater may not work properly at altitudes above 7,000 feet due to reduced air pressure affecting combustion.

3. SETUP

3.1 Connecting Propane Cylinder

1. Ensure the heater is in the "OFF" position.
2. Screw a 1lb disposable propane cylinder (not included) into the regulator on the side of the heater. Hand-tighten only.
3. To connect to a larger propane tank, use an approved adapter hose (sold separately) and follow its instructions for connection.
4. Check all connections for leaks using soapy water. Bubbles indicate a leak. Do not operate if a leak is detected.

3.2 Igniting the Pilot Light

1. Turn the control knob to the "PILOT" position.
2. Push and hold the control knob down for approximately 30 seconds to allow gas to reach the pilot.
3. While holding the knob down, press the igniter button (usually red) until the pilot flame lights. You should see a small blue flame.
4. Continue to hold the control knob down for another 30 seconds after the pilot lights to ensure the thermocouple is heated and the pilot remains lit.
5. Release the control knob. The pilot flame should remain lit.

4. OPERATION

4.1 Adjusting Heat Settings

1. Once the pilot light is stable, turn the control knob to your desired heat setting: "LO" (Low) for 4,000 BTU or "HI" (High) for 9,000 BTU.
2. Allow the ceramic burner to fully glow orange (approximately 30 seconds) before adjusting the setting further or leaving the heater unattended.
3. The heater is designed to be noiseless during operation.

4.2 Fuel Consumption

A 1lb propane cylinder typically provides approximately 5.4 hours of heat on the "LO" setting and 2.4 hours on the "HI" setting.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater.

- Keep the heater clean and free from dust and debris.
- Periodically inspect the burner and pilot assembly for any blockages or damage.
- Ensure the safety screens are intact and free from damage.

6. TROUBLESHOOTING

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

- **Heater does not light:** Ensure propane cylinder is connected correctly and has fuel. Check for gas flow.
- **Pilot light does not stay lit:** Ensure the control knob was held down for the recommended 30 seconds after ignition. Check for proper alignment of the pilot.
- **Propane tank freezes over:** This can occur in cold temperatures during prolonged use. Allow the tank to warm up or switch to a fresh tank.
- **Heater shuts off unexpectedly:** This is likely due to the ODS or tip-over safety systems activating. Ensure adequate ventilation and that the heater is on a stable, level surface.

7. SPECIFICATIONS

Feature	Detail
Brand	Mr. Heater
Model Number	MH9BX
Fuel Type	Propane
BTU Output	4,000 - 9,000 BTU
Heating Coverage	200 square feet
Indoor/Outdoor Usage	Indoor
Special Feature	Noiseless, Portable
Dimensions	18.31 x 14.37 x 14.7 inches
Item Weight	19 pounds
UPC	089301320000

8. WARRANTY & SUPPORT

For warranty information, technical support, or any questions regarding your Mr. Heater MH9BX Portable Buddy Heater, please refer to the official Mr. Heater website or contact their customer service directly. Contact details are typically found in the product packaging or on the manufacturer's website.