

InoKraft MH85

InoKraft Maxheat MH85 85,000 BTU Forced Air Propane Heater Instruction Manual

Model: MH85

1. IMPORTANT SAFETY INFORMATION

WARNING: To prevent serious injury or death, always read and understand all instructions and precautions provided in this manual before assembling, starting, or servicing the heater. Improper use of this heater can cause serious injury.

- **Ventilation is Critical:** This heater consumes oxygen and produces carbon monoxide. Always operate in a well-ventilated area. Ensure adequate fresh air supply to prevent oxygen depletion and carbon monoxide buildup.
- **Clearance from Combustibles:** Maintain a minimum distance of 6 feet (US) or 10 feet (CA) from the front of the heater to any combustible materials. Keep the heater and propane tank away from flammable objects.
- **Carbon Monoxide Detector:** Always use a working carbon monoxide detector when operating this heater.
- **Leak Checks:** Before each use, check all gas connections for leaks using a soap and water solution. Bubbles indicate a leak. Do not use the heater until all leaks have been stopped.
- **Electrical Connection:** Connect the power cord to a well-grounded 115V / 60Hz outlet.
- **Indoor Use:** Designed for well-ventilated indoor spaces like garages, workshops, and job sites. Not for home or recreational vehicle use.
- **Overheat Protection:** The heater features an automatic overheat shut-off.
- **Tip-Over Protection:** The heater is equipped with a tip-over safety switch that will shut off the unit if it is accidentally knocked over.

2. PRODUCT OVERVIEW

The InoKraft Maxheat MH85 is an 85,000 BTU forced air propane heater designed for rapid and efficient heating of large spaces up to 3,200 sq. ft. It features an intelligent thermostat for automatic temperature control and multiple safety features.



Figure 2.1: InoKraft Maxheat MH85 85,000 BTU Forced Air Propane Heater providing warmth in a garage.

Key Features:

- **Smart 25-95°F Auto On/OFF Control:** Automatically maintains desired temperature, optimizing comfort and fuel efficiency.
- **Fast & Powerful Heating:** Delivers rapid warmth across wide areas with a heavy-duty forced air fan.
- **CSA Certified Safety:** Includes overheat auto-shutoff and tip-over protection.
- **Odor-Free Operation:** Provides clean, quiet heat suitable for well-ventilated indoor and job site use.
- **Easy Operation & Portable:** Simple setup with a 10 ft hose included, and a convenient handle for transport.

3. SETUP INSTRUCTIONS

Follow these steps to safely set up your InoKraft Maxheat MH85 heater.

3.1 Unpacking and Assembly

1. Carefully remove all packing materials from the heater and its components.
2. Attach the handle to the top of the heater using a Phillips screwdriver and the provided screws.



Figure 3.1: Heater components including handle, hose, and control panel.

3.2 Connecting the Propane Tank

3. Connect the hose/regulator assembly to a 20lb. propane tank or larger. Securely tighten using a

wrench.

4. Connect the other end of the hose to the inlet connector on the heater. Securely tighten.
5. Apply a soap and water solution to all connections to check for gas leaks. Bubbles indicate a leak. Do not use the heater until all leaks have been stopped.

3.3 Electrical Connection

6. Connect the power cord to a well-grounded 115V / 60Hz outlet.

3.4 Placement and Ventilation

- Position the heater on a stable, level surface.
- Ensure the heater is placed in a well-ventilated area with at least 2 ft x 2 ft (US) or 0.19 m² (CA) of opening for fresh air.
- Maintain a minimum clearance of 6 feet (US) or 10 feet (CA) from the front of the heater to any combustible materials.

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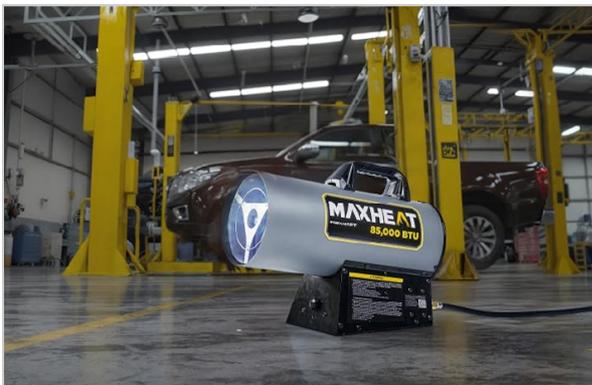
Video 3.1: Official InoKraft video demonstrating preparations before using the MH85 Forced Air Propane Heater, including unpacking and connections.

4. OPERATING INSTRUCTIONS

Follow these steps to safely operate your InoKraft Maxheat MH85 heater.

4.1 Starting the Heater

1. Slowly open the gas valve on the propane tank.
2. Position yourself behind the heater.
3. Turn the Temperature Control Knob clockwise to the maximum temperature setting (95°F).
4. Turn the ON/OFF Control Switch to the 'ON' position. The heater should ignite within 30 seconds.
5. If the indicator light flashes 5 times in 3 seconds, turn off the heater and repeat the process.



Garage & Auto Repair Bays



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Figure 4.1: Steps for setting the temperature and automatic operation.

4.2 Adjusting Temperature

- Once ignited, turn the Temperature Control Knob counter-clockwise to your desired temperature level

(between 25°F and 95°F).

- The heater will automatically shut off once the target temperature is reached. The fan will continue to operate for an additional 30 seconds to prevent possible gas leakage and overheating.
- The heater will reignite automatically when the temperature drops below your set temperature by around 5°F.



Figure 4.2: The smart thermostat control knob allows for precise temperature setting.

4.3 Stopping the Heater

1. Close the gas valve on the propane tank.
2. Let the fan run for 30 seconds to cool down the unit.
3. Turn the Power Switch to 'OFF' and unplug the heater.
4. Disconnect the hose from the heater and propane tank.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your 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.
- **Storage:** When not in use, store the heater in a cool, dry place, away from direct sunlight and moisture. Ensure the propane tank is disconnected and stored separately according to local regulations.
- **Inspection:** Periodically inspect the hose and connections for any signs of wear, damage, or leaks. Replace any damaged parts immediately.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not ignite.	Gas valve closed, power not connected, low propane, ignition failure.	Open gas valve, connect power, check propane level, ensure proper ignition sequence (refer to Operating Instructions). If indicator flashes 5 times, restart.

Problem	Possible Cause	Solution
Heater shuts off unexpectedly.	Overheat protection activated, tip-over switch activated, low oxygen/poor ventilation, gas leak.	Ensure proper ventilation, check for obstructions, verify heater is upright, check for gas leaks. Allow to cool before restarting.
Weak or inconsistent flame.	Low propane level, clogged burner, faulty regulator.	Check propane tank, clean burner, inspect regulator.

7. SPECIFICATIONS

- **Brand:** InoKraft
- **Model:** MH85
- **Heat Output:** 85,000 BTU
- **Heating Area:** Up to 3,200 sq. ft.
- **Fuel Type:** Propane
- **Power Source:** 115V / 60Hz (for fan and ignition)
- **Temperature Control:** Automatic On/Off, 25-95°F range
- **Safety Features:** Overheat Auto-Shutoff, Tip-Over Protection, CSA Certified
- **Product Dimensions:** 20.67"D x 10.83"W x 16.53"H
- **Item Weight:** 17.2 Pounds

8. WARRANTY AND SUPPORT

The InoKraft Maxheat MH85 is backed by a **1-Year Manufacturer's Warranty**. For any issues or support needs, please contact InoKraft customer service. Qualified customers may be eligible for a free exchange if issues occur within the warranty period.

For further assistance, refer to the official InoKraft website or contact their customer support directly.