

THERMOSTAT OPERATION INSTRUCTIONS

Using the Heater with Optional Thermostat (MHD-T1WB)

1. Preparation

1. Set the **MAIN SYSTEM SWITCH** to **OFF (○)**.
2. Verify the **THERMAL ACTIVATION SWITCH** is in **OFF / THERMOSTAT MODE (○)**.

2. Thermostat Connection

3. Insert the thermostat plug into the **THERMOSTAT ONLY** receptacle located left of the **THERMAL ACTIVATION SWITCH**.
 - When remote placement is required, use an appropriately rated extension cord.
 - Maximum total cord length: **30 ft (9.1 m)**.
4. Adjust the thermostat to a temperature setting **above the surrounding temperature**.

3. Starting Operation

5. Move the **MAIN SYSTEM SWITCH** to **HEAT (⬆)** to begin operation.

Using the Heater without Thermostat

1. Set the **MAIN SYSTEM SWITCH** to **OFF (○)**.
2. Set the **THERMAL ACTIVATION SWITCH** to **CALL FOR HEAT (I)**.
3. Move the **MAIN SYSTEM SWITCH** to **HEAT (⬆)** to start operation.
4. After use:
 - Return the **THERMAL ACTIVATION SWITCH** to **OFF / THERMOSTAT MODE (○)**.
 - Allow the heater to complete its cool down cycle before switching the **MAIN SYSTEM SWITCH** to **OFF (○)**.

SAFETY INFORMATION

⚠ DANGER – Electrical Shock Hazard

Failure to follow these instructions will result in serious injury or death.

- Do **NOT** connect the thermostat cord to a power receptacle or any external power source.
- Do **NOT** modify the thermostat plug or heater receptacle.

⚠ WARNING – Fire and Equipment Damage Hazard

Failure to follow these instructions **could result in fire, injury, or property damage**.

- Do **NOT** insert any device other than the approved thermostat into the thermostat receptacle.
- Always install the **thermostat outlet cover** when the thermostat is not connected.
- Use only properly rated extension cords; do not exceed **30 ft** total length.

⚠ CAUTION – Hot Surfaces

Failure to follow these instructions **may result in minor injury or equipment damage**.

- Heater surfaces become **hot during and after operation**.
- Allow the unit to complete its **cool-down cycle** before handling, servicing, or switching the unit fully OFF.

DUCTING OPERATION INSTRUCTIONS

The heater's discharge outlet may be fitted with optional ducting. Overall duct length and performance depend on airflow restriction. Excessive bends, crushed sections, or sharp turns can reduce airflow and may cause the heater to trip the high limit safety switch. Reducing duct length or straightening the duct run may be required if high limit trips occur.

1. Preparation of Duct Ring Adapter

1. Set the **MAIN SYSTEM SWITCH** to **OFF (○)** and ensure the heater has fully cooled.
2. Attach the **Duct Adapter Ring (MP-0180)** to the front of the heater using the four (4) mounting screws supplied.
3. Connect the ducting to the **Duct Adapter Ring** using the **integrated cinch straps** on the ducting.

2. Storage After Use

1. Thoroughly **dry the ducting** before placing it into storage.
2. Brush away any **dirt, leaves, or debris** from the ducting exterior.

SAFETY INFORMATION

⚠ DANGER – Fire or Burn Hazard

Failure to follow these instructions **will result in serious injury or death**.

- Only use ducting **rated for 350°F (176°C) and higher**.
- Do **NOT** operate the heater if ducting is damaged, melted, or obstructed.

⚠ WARNING – Fire and Equipment Damage Hazard

Failure to follow these instructions **could result in fire, heater shutdown, or equipment damage**.

- Do **NOT** block, cap, or otherwise restrict airflow at the end of the ducting.
- Do **NOT** allow ducting to collapse at bends, especially when routed vertically.
- Limit the number of bends, and ensure all turns are **gradual**, not sharp.

⚠ CAUTION – Reduced Heater Performance

Failure to follow these instructions may result in reduced airflow or repeated high limit tripping.

- Excessive duct length or multiple bends may cause overheating.
- Straighten the ducting or reduce the overall length if high limit trips occur during operation.



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