

**Setting the Thermostat – Temperature range settings are from 14-122°F**

**For High Humidity/Condensation** – This setting is variable based on your geographic location. The rule of thumb is to set the thermostat to 10 degrees above the dew point in your area. (Example: if humidity is displayed on the glass in 50 degree F temperatures, set the thermostat to 60 degrees.)

**For Extreme Cold Temperature below 0 Degrees** – If condensation is not an issue in your area and you are using the heater to protect your TV from extreme cold temperatures, set the thermostat attenuator to 14 degrees F



#### **Heater Module Handling Precautions CAUTION:**

- Never work on live equipment.
- Do not touch the heater during operation, as it will be **hot**.
- The heater will remain hot for several minutes after switch-off; let the heater cool down before removing or touching.
- Do not remove any attached adhesive labels.
- The heater is protected by a Littelfuse glass 6A 125VAC/VDC 2AG slow blow fuse.
- **Do not allow electrical wires to come in contact with the body of the heater or directly in front of the hot air outlet.**

#### **Maintenance**

There are no user serviceable parts inside this unit. Disassembly should not be attempted.



## **Heater Module HM001i**

### **INSTALLATION INSTRUCTIONS**

The thermostatically controlled convection heater module is the ideal accessory for demographics of -

- Extreme high humidity or
- Extreme cold climates below 0 degrees F.

The temperature attenuator can be set to control either environment.

**For Use in All Apollo Enclosure Models**

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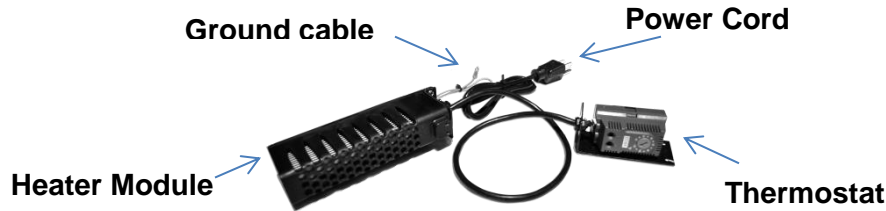
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HM1510

## To install the Heater module, follow the steps below:

- The heater module is designed with a heater and a thermostat, connected by an 18" cable, power cord and ground wire. (see image below)



- **Prep the area** where you will be placing the modules by using an alcohol/water mixture to clean the cabinet of any particles or foreign debris. This will ensure a solid adhesion of double stick tape to the powder coated aluminum.
- The heater device should **be placed in the bottom of the rear panel** with the thermostat placed on the opposite corner. Since heat rises, this is the most effective location to have the unit work most efficiently.
- Peel the adhesive tape strip from the back brackets and securely push the module into place. The adhesive will hold the module in place and cure solid within 72 hours.
- This is a high performance heater. Please leave horizontal and vertical clearance for optimizing natural convection and avoid placing directly below heat sensitive components.
- **Do not allow electrical wires to come in contact with the body of the heater or directly in front of the hot air outlet.**

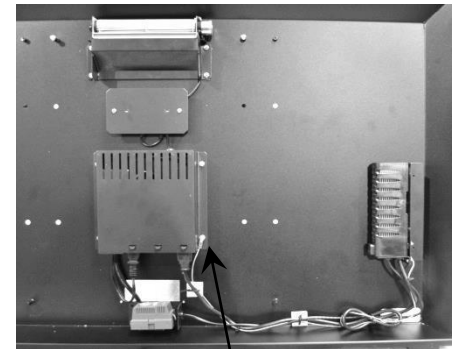
## Grounding

To avoid shock, the heater module should be grounded by attaching the grounding lug to the screw located on the power receptacle bracket. Unscrew the screw closest to the ground cable and slip the grounding lug under the screw before securing it back in place. **NOTE: The AE6560 will require the use of the ground wire extension cable to provide enough length to reach the power receptacle bracket. Simply attach extension cable to ground cable on heater module using screw and bolt provided.**

## Product Placement – Orientation Instructions

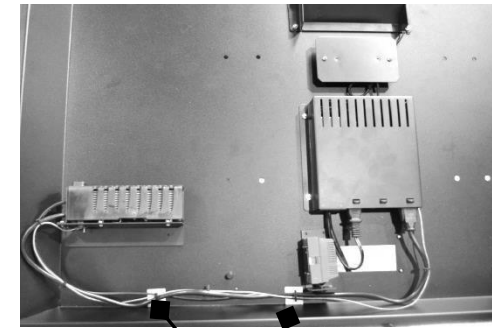
If video cable connections are on the LEFT side of the TV, install the heater module on the RIGHT side of the enclosure rear panel, which will ensure it to be on the opposite side when attached to the TV.

If video cable connections are on the RIGHT side of the TV, install the heater module on the LEFT side of the enclosure rear panel, which will ensure it to be on the opposite side when attached to the TV.



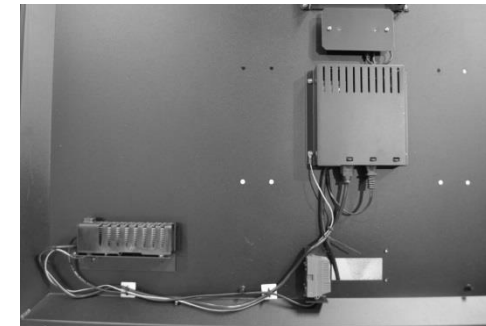
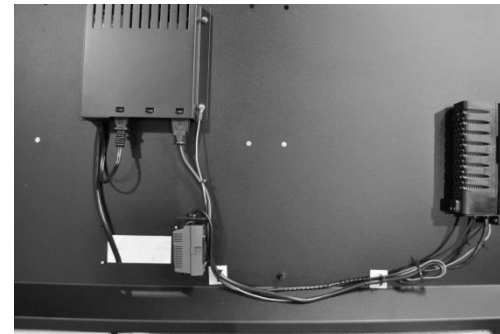
Attach Grounding wire under screw of power receptacle bracket

AE4239



Use Wire tie holders included to secure wire tied cables stay in place

AE5046 & AE6560



**IMPORTANT!** Carefully follow the layout on the applicable photo for your enclosure and TV to ensure that the heater and wire harness will not interfere with the enclosure Z-brackets and the thermostat will be accessible from the cable cover opening for future adjustments. **Use Extension Ground Wire for AE6560 – see Grounding**