



Hole for
Grounding
Screw

MC-2
Cover

MC-2
Body

Whether you're a contractor, architect, builder or homeowner, creating the perfect indoor environment has always been a challenge. ThermaRay, the world's #1 name in thermal comfort systems introduces you to the ultimate heating solutions. Please take the time to read this installation guide carefully before you begin. Remember, accurate measurements are the key to success for a proper installation!

MC-2 Metal Endcap Installation Guide (Supplementary to Radiant Ceiling Installation Instructions)

- In projects where the use of rigid, flexible or metallic conduit is required, you must use our metal endcap (part # MC-2) to properly make connections. The installation is to be made in accordance with the National Electric, and local codes where applicable.
- Take the MC-2 body (large section) of the metal enclosure and place it over the lead wires. The raised section of the MC-2 should be on the back (non labeled) side of the heater.
- Install the conduit or tubing end connectors onto the MC-2 body. Be sure to position the end connectors or conduit so that no protrusions extend below the bottom of the MC-2. The panel must lay flat on the sheetrock the ceiling.
- Join the MC-2 body together with appropriate lengths of conduit or tubing. Leave sufficient room between the heating panel and the MC-2 body to make the wiring connections.
- Use 12 AWG wire as required to accommodate the heating load, leaving sufficient slack at each MC-2 body. Attach the ground wire to the enclosure. (Screw not provided). See picture above for location.
- Make the wiring connections at the end of the heater using one 3M567 self tapping electrical connector for each lead connection.
- Before attaching the MC-2 to the heater, a last ohm check should be done. (Refer to ThermaRay Radiant Heating Installation Guide.)
- After the ohm check, slide the MC-2 cover (flat side) of the endcap onto the heating panel.
- Slide the tabs of the MC-2 cover into the slots on the MC-2 body. Line up the fastening line on the heater model label with the slot in the metal enclosure cover. See picture below.
- Fasten the enclosure securely using the gypsum screw provided, screwing through the enclosure, through the heating panel and out through the screw hole on the upper side of the MC-2 body.
- The MC-2 should now be firmly fixed to the heaters.
- The heating panel should lay flat against the sheetrock (finished ceiling).



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