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## Installation Instructions For NEMA 4 / 12 / 13 Type Enclosures

These duct heaters are suitable for outdoor installations in vertical or horizontal duct systems. They may be used with heat pumps, cooling units, or any forced air system and are suitable for zero clearance installations.

### Model Numbers:

- OMH1** – Outdoor manual heater, slip-in, requiring MR Series Remote Panel.
- OMHF1** – Outdoor manual heater, flange mount, requiring MR Series Remote Panel.
- OM1** – Outdoor slip-in type, no remote panel required.
- OMF1** – Outdoor flange mount type, no remote panel required.

### Installation Instructions:

For best performance, the duct heater should be installed 4' downstream or upstream of the air moving equipment.

Install the slip-in type heater by cutting correct size opening in ductwork. Insert heater and fasten accordingly. On an extremely heater, a support foot may be needed at opposite end of the control panel to support weight of heating elements.

For installation of flange-mount heaters, the heater will have a turned-out flange that should match up to flanges of existing ductwork. In this application, the heater actually becomes part of the ductwork.

Although the control panel is for outdoor use, this will not prevent water seepage at installation point in the duct system. ***It is the installer's responsibility to ensure a waterproof seal of all seams in flange-mount systems (and between the panel and duct, on slip in models). To accomplish this, installer must use an approved outdoor sealant.***

Airflow and its patterns are very important for the heater to work effectively. This is to insure the life of the heating elements, and to prevent nuisance tripping. A label on Heatrix heaters indicates the minimum airflow that can be used to operate its heaters correctly by showing the 'entering air' at two different temperatures. These minimum air velocities or C.F.M. must be in a pattern that covers the entire surface of the heater.