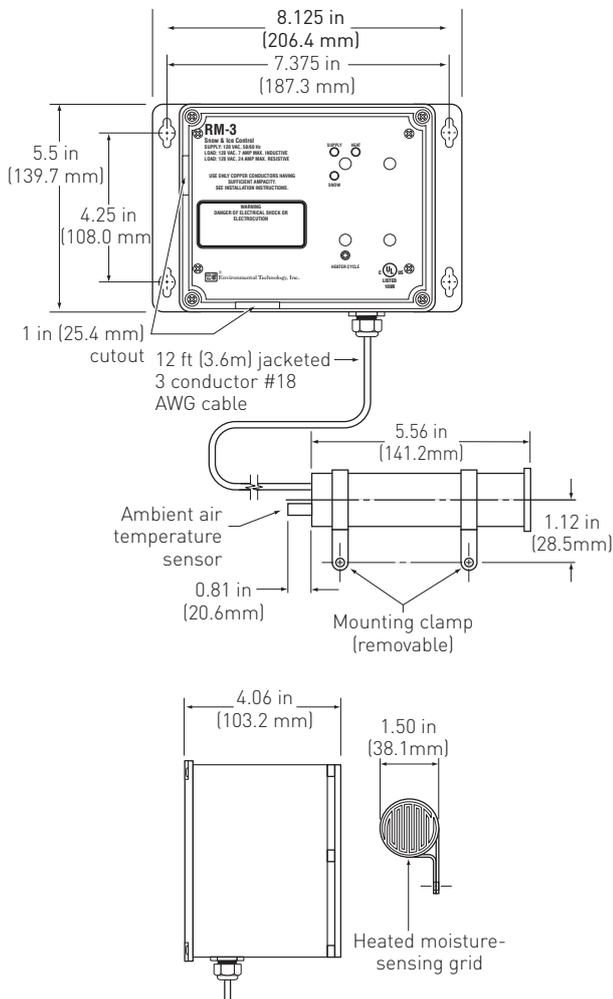




RM-3

AUTOMATIC GUTTER DE-ICING CONTROLLER



PRODUCT OVERVIEW

The RM-3 automatic gutter ice controllers include the GIT®-1 gutter ice sensor to detect and melt snow and ice from roofs, gutters, and downspouts.

The dual-action GIT-1 sensor detects both moisture and temperature, so the heaters run only when moisture is detected at or below 38°F (3.3°C). The built-in, fixed, 3-hour Hold-On Timer provides for a heating cycle long enough to fully melt snow and ice and keep them from refreezing. The Heater Cycle toggle switch allows manual activation or cancellation of heater operation. The included GIT-1 gutter ice sensor detects ice and snow as moisture at or below 38°F (3.3°C), so the RM-3 system could save hundreds of dollars a year compared to using just a simple thermostat alone to control the system.

The RM-3 system is housed in an environmentally-sheltered NEMA 4X enclosure to provide various installation options. The RM-3 automatic gutter ice systems are designed for years of maintenance-free operation and can save thousands of dollars in unnecessary repairs, as well as actual loss of use of the building, structure, or facility.

Features and benefits include:

- Energy efficient, automatic controls for gutter and downspout applications
- Heating based on snow & ice / temperature sensor input for optimum efficiency
- Low cost operation compared to thermostat control alone
- Heater Cycle switch for manual activation or cancelation of heater operation

For complete information describing application, installation and features, please contact your Pentair Thermal Management representative or visit www.pentairthermal.com.

GENERAL

Area of use	Nonhazardous
Approvals	 Type 873 Temperature Regulating Equipment

ENCLOSURE

Protection	IP66 NEMA 4X
Dimensions	5 1/2 in (L) X 8 1/8 in (W) X 4 3/8 in (H)
Material	Polycarbonate
Cover attachment	Polycarbonate cover, machine screws
Weight	3 pounds (control box alone); 3.8 pounds (with included GIT-1 sensor)
Mounting	Wall mount

FRONT PANEL INTERFACE

Status indicator	SUPPLY (green, solid) power on HEAT (yellow) call for heat SNOW (yellow) system sensor detects moisture
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CONTROL

Supply voltage	120 Vac; 50/60 Hz
Heater	120 Vac; 24 A maximum resistive 7 A maximum inductive

ENVIRONMENTAL

	Polycarbonate
Operating temperature	-35°F to 130°F (-31°C to 55°C)
Storage temperature	-67°F to 167°F (-55°C to 75°C)

ORDERING INFORMATION

Catalog number	Part number	Description
RM-3	P000001366	Gutter de-icing controller



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