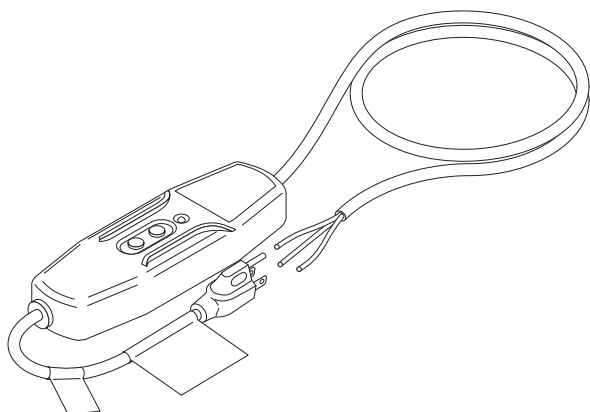


H908 120-V PLUG-IN POWER CONNECTION KIT

nVent

RAYCHEM

A GROUND-FAULT PROTECTION PLUG WITH END SEAL FOR RAYCHEM WINTERGARD HEATING CABLES



PRODUCT OVERVIEW

The nVent RAYCHEM H908 120-V Plug-In Power Connection Kit with ground-fault circuit protection simplifies the installation of 120-V nVent RAYCHEM Wintergard, Wintergard Plus, and Wintergard Wet electric heating cables for freeze protection of water pipes, refrigeration condensate drain lines, roofs, and gutters.

The H908 Plug-In Power Connection Kit:

- Enables contractors to simply cut the heating cable to length in the field, install the connection kit, and insert the plug into a standard grounded outlet.
- Powers up to 250 feet of heating cable—up to twice the length that previous field-assembled plug-in systems could power.
- Provides built-in 27-mA ground-fault protection of equipment as required by national electrical codes.

GENERAL

Description

The H908 Kit is a plug-in, ground-fault protected power connecting kit for use with 120-volt heating cables only. The kit includes materials for one power connection and one end seal.

The H908 kit is for use with the following RAYCHEM heating cables and applications.

- WinterGard heating cable for pipes up to 2 inches in diameter in dry areas.
- WinterGard Plus heating cable for pipes up to 6 inches in diameter in dry areas.
- WinterGard Wet heating cable for pipes up to 6 inches in diameter in wet or dry areas and for de-icing roofs, gutters and downspouts.

Approvals



718K Pipe Heating Cable
Also Listed as De-icing and
Snow Melting Equipment



TECHNICAL SPECIFICATIONS

The H908 kit contains a plug-in power connection and an end seal for use with 120-volt cut-to-length heating cables. The kit includes a ground-fault equipment protection circuit interrupter (GFEPIC) with a 15 A three-prong plug, plus all the materials and instructions needed to make an end seal and a plug-in power connection.

The 27-mA-rated GFEPIC will trip whenever the fault current to ground is more than 27 mA.

The GFEPIC in the H908 kit will minimize the risk of fire from sustained electrical arcing if the heating cable is improperly installed or damaged during use. The fault currents produced by this arcing may be too small to be stopped by conventional circuit breakers, but the GFEPIC will sense these fault currents and shut off the power.

Note: The H908 requires a properly installed electrical ground.

WINTERGARD H908 HEATING CABLE SPECIFICATIONS

	Heating cable type		
	WinteGard H3111	WinterGard Plus H611	WinterGard Wet H612
Service voltage (V)	120	120	120
Maximum circuit length at start-up (ft)			
40°F on pipes	250	150	150
0°F on pipes	150	150	125
Maximum circuit length at start-up (ft)			
32°F on roof and gutter			125
0°F on roof and gutter			100
Circuit breaker rating (A)	15	15	15
Thermal output at 40°F on pipes (W/ft)	3	6	6
Thermal output at 32°F in ice/snow (W/ft)	Do not use in wet areas	Do not use in wet areas	8
Weight per 100 ft (lb)	6	6	9
Minimum installation temperature (°F)	0	0	0
Maximum exposure temperature (°F)	150	15	150
Environment	Use only in ordinary (nonhazardous) areas. Do not expose to chemicals.		

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