

FrostGuard Freeze Protection Plug-in Kit



nVent RAYCHEM FrostGuard pre-assembled self-regulating heating cables are designed for freeze protection of pipes and roof and gutter de-icing applications. Available as 120 V, in various lengths with a 6 ft power cord.

FEATURES

Simple to design: 120 V version in 6, 12, 18, 24, 36, 50, 75 and 100 ft lengths each with a 6 ft power cord and 3-prong, grounded, lighted plug to show the system is on

Easy to install: pre-assembled with a plug and cold lead to avoid the need for connection by an electrician

Energy efficient and safe: self-regulating cable, no overheating possible even when overlapped or closely spaced

Reliable during long life: 2 year product warranty available, maintenance free

SPECIFICATIONS

Nominal Height:	0.24 in
Nominal Width:	0.45 in
Min Installation Temperature:	5 °F
Cold Lead Length:	6 ft
Nominal Voltage:	120 V
Max Continuous Exposure Temperature, Power On:	150 °F
Color:	Black
Ground Path Type:	Braid
Heating Cable Technology:	Self-Regulating

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 40°F, 120V	Nominal Power Output @ 40°F, 240V	Nominal Power Output, In Ice or Snow @ 32°F, 120V	Length
P000002022	FG1-6P	6 W/ft	6 W/ft	8 W/ft	6 ft

Catalog Number	Item Name	Nominal Power Output @ 40°F, 120V	Nominal Power Output @ 40°F, 240V	Nominal Power Output, In Ice or Snow @ 32°F, 120V	Length
P000002023	FG1-12P	6 W/ft	6 W/ft	8 W/ft	12 ft
P000002024	FG1-18P	6 W/ft	6 W/ft	8 W/ft	18 ft
P000002025	FG1-24P	6 W/ft	6 W/ft	8 W/ft	24 ft
P000002026	FG1-50P	6 W/ft	6 W/ft	8 W/ft	50 ft
P000002027	FG1-75P	6 W/ft	6 W/ft	8 W/ft	75 ft
P000002028	FG1-100P	6 W/ft	6 W/ft	8 W/ft	100 ft
P000002038	FG1-36P	6 W/ft	6 W/ft	8 W/ft	36 ft

ADDITIONAL PRODUCT DETAILS

To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of nVent Thermal, agency certifications, and national electrical codes, 30-mA equipment or 5-mA personnel ground-fault protection must be used on each FrostGuard heating cable branch circuit. Arcing may not be stopped by conventional circuit protection.

Due to their short lengths, 240 V FrostGuard cables are designed only for pipe freeze protection applications on pipes up to 2-1/2 inches in diameter.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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