

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 & BENEFITS

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

Heating Cable Technology Self-Regulating

Nominal Voltage 120 V

Color Black

Ground Path Type Braid

Min Installation Temperature 5 °F

Nominal Width 0.45 in

Nominal Height 0.24 in

Max Continuous Exposure Temperature, Power On 150 °F

Cold Lead Length 6 ft

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
P000002028	FG1-100P	6 W/ft	6 W/ft	8 W/ft	100 ft
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
P000002038	FG1-36P	6 W/ft	6 W/ft	8 W/ft	36 ft
P000002026	FG1-50P	6 W/ft	6 W/ft	8 W/ft	50 ft
P000002022	FG1-6P	6 W/ft	6 W/ft	8 W/ft	6 ft
P000002027	FG1-75P	6 W/ft	6 W/ft	8 W/ft	75 ft

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.

North America

Tel +1.800.545.6258
 Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511
 Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688
 Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800
 Fax +1.713.868.2333
thermal.info@nvent.com



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