

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

Catalog Number	Item Name	Heating Cable Technology	Nominal Voltage	Nominal Power Output @ 40°F, 120V	Nominal Power Output @ 40°F, 240V	Nominal Power Output, In Ice or Snow @ 32°F, 120V	Color	Ground Path Type	Min Installation Temperature	Nominal Width	Nominal Height	Max Continuous Exposure Temperature, Power On	Length	Cold Lead Length
P000002022	FG1-6P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	6 ft	6 ft
P000002023	FG1-12P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	12 ft	6 ft
P000002024	FG1-18P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	18 ft	6 ft
P000002025	FG1-24P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	24 ft	6 ft
P000002026	FG1-50P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	50 ft	6 ft

Catalog Number	Item Name	Heating Cable Technology	Nominal Voltage	Nominal Power Output @40°F, 120V	Nominal Power Output @40°F, 240V	Nominal Power Output, In Ice or Snow@ 32°F, 120V	Color	Ground Path Type	Min Installation Temperature	Nominal Width	Nominal Height	Max Continuous Exposure Temperature, Power On	Length	Cold Lead Length
P000002027	FG1-75P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	75 ft	6 ft
P000002028	FG1-100P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	100 ft	6 ft
P000002038	FG1-36P	Self-Regulating	120 V	6 W/ft	6 W/ft	8 W/ft	Black	Braid	5 °F	0.45 in	0.24 in	150 °F	36 ft	6 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.

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



Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER