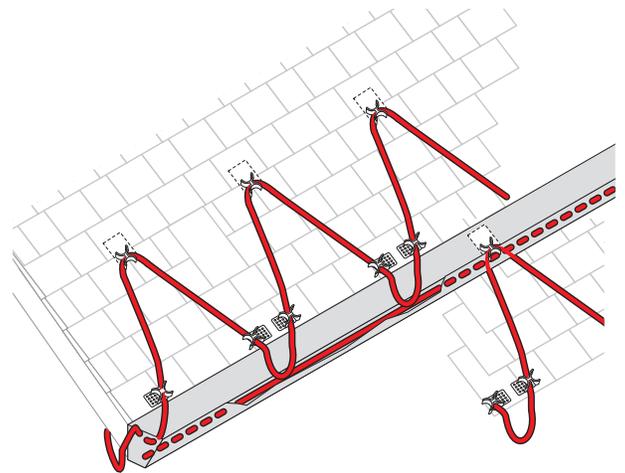
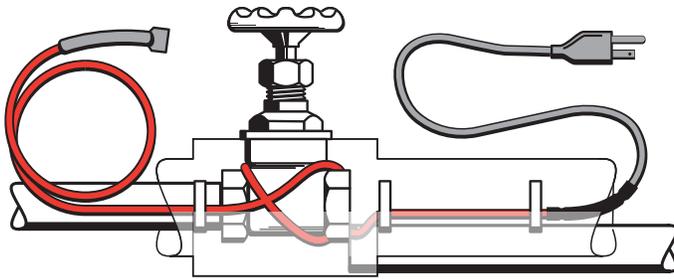


### Pre-assembled Heating Cable

These pre-assembled self-regulating heating cables are designed for residential and commercial metal and plastic pipe freeze protection and roof and gutter de-icing applications. These 120 V cables are available in several foot lengths and each comes assembled with a 30-inch power cord and plug. These cables are ideal for smaller jobs such as roof and gutter de-icing on porches and overhangs, as well as for pipe freeze protection on pipes up to 2-1/2 inches in diameter.



### Pre-assembled Heating Cable Specifications

Service voltage	120 V
Application	pipe freeze protection and roof and gutter de-icing
Power output on pipes at 40°F (W/ft)	6
Power output in ice or snow at 32°F (W/ft)	8
Maximum cable width (in)	0.45
Maximum cable thickness (in)	0.24
Maximum exposure temperature (°F)	150
Maximum bend radius	5/8" (16mm)

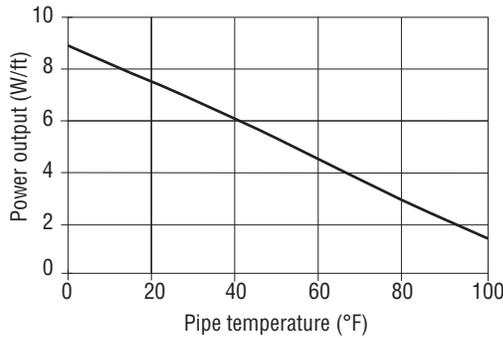
#### Approvals



### Ground-Fault Protection

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 national electrical codes, 30-mA equipment or 5-mA personnel ground-fault protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit protection.

### Power Temperature Curve for Pipes

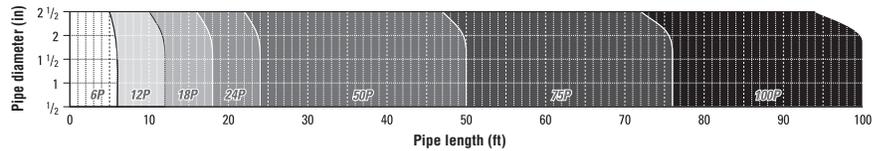


### Product Selection

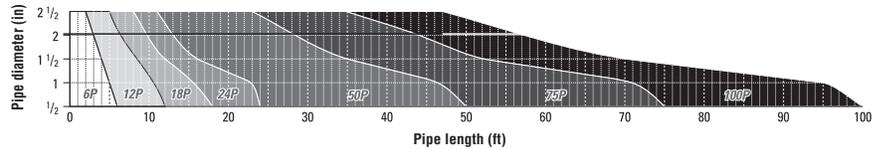
#### Pipe Freeze Protection

Use the tables to the right to select the correct heating cable length. Add 1 foot to the pipe length for each valve or spigot in the pipe system.

**Table 1 Metal Pipes**



**Table 2 Plastic Pipes**



Add 1 foot to the pipe length for each valve or spigot in the pipe system.

### Roof and Gutter De-Icing

Use the table to the right to select the length of cable per foot of roof edge. Multiply by the total roof edge length and add the total gutter length and the total downspout length to determine the correct heating cable length.

**Length of Cable Per Foot of Roof Edge (ft)**

Eave Overhang (in)	Standing Seam Metal Roof: <sup>(2)</sup>	
	Standard Roof <sup>(1)</sup>	18" Seam    24" Seam
None*	2	2.5    2
12"	2	2.8    2.4
24"	3	3.6    2.9
36"	4	4.3    3.6

\* Gutter required

<sup>(1)</sup> For standard roofs, add 1 foot of heating cable for each foot of gutter and downspout.

<sup>(2)</sup> For standing seam roofs, add 1 foot of heating cable for each foot of downspout.

For valleys, run the heating cable two thirds of the way up and down the valley.