Nuheat Weather-Ready™ Snow Melt Cable
Self-Regulating Cable

Nuheat Weather-Ready™ Self-Regulating Snow Melt Cables keep driveways, walkways, ramps, stairs and sidewalks clear of snow and ice. Suitable for commercial and residential applications, Nuheat Weather-Ready™ Self-Regulating Snow Melt Cables are the clear choice for snow melting and slab de-icing needs.

FEATURES

- Flexible and cut to length cables allow for easy on-site adjustments
- Durable polyolefin outer jacket and fluoropolymer inner jacket protects the cable from harsh construction environments
- One of the lowest profile self-regulating snow melting cables in the industry
- Self-regulating heating cable maintains proper temperature required for snow melting and de-icing without excess energy use or risk of burnout or overheating

POWER OUTPUT CURVE

The Power Output Curve illustrates the relationship between wattage output and concrete temperature. As the concrete temperature rises, the heating cable uses less wattage and emits less heat.

WEATHER - READY™
SELF-REGULATING SNOW MELT CABLE

MODEL NUMBER
SM32-2

APPLICATION
Snow and ice melting in concrete or under paving stones

WATTAGE OUTPUT (in concrete)
10" spacing - 40 watts/sq. ft.
8" spacing - 50 watts/sq. ft.

VOLTAGE
240V (208V - 277V)

CABLE DIMENSIONS
0.63 inches x 0.32 inches
(15.5mm x 7.8mm)

MINIMUM BEND RADIUS
2 inches (50mm)

MAXIMUM EXPOSURE TEMP.
194°F (90°C)

WARRANTY
10 years*

* available when online warranty card completed within 30 days of installation

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MAXIMUM CIRCUIT LENGTHS

<table>
<thead>
<tr>
<th>START UP TEMPERATURE</th>
<th>CIRCUIT BREAKER SIZE</th>
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<tbody>
<tr>
<td></td>
<td>15A</td>
</tr>
<tr>
<td>208V</td>
<td></td>
</tr>
<tr>
<td>32°F (0°C)</td>
<td>85</td>
</tr>
<tr>
<td>20°F (-7°C)</td>
<td>80</td>
</tr>
<tr>
<td>0°F (-18°C)</td>
<td>70</td>
</tr>
<tr>
<td>240V</td>
<td></td>
</tr>
<tr>
<td>32°F (0°C)</td>
<td>95</td>
</tr>
<tr>
<td>20°F (-7°C)</td>
<td>85</td>
</tr>
<tr>
<td>0°F (-18°C)</td>
<td>80</td>
</tr>
<tr>
<td>277V</td>
<td></td>
</tr>
<tr>
<td>32°F (0°C)</td>
<td>105</td>
</tr>
<tr>
<td>20°F (-7°C)</td>
<td>100</td>
</tr>
<tr>
<td>0°F (-18°C)</td>
<td>90</td>
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</tbody>
</table>

ADJUSTMENT FACTORS
The Nuheat Weather-Ready™ Self-Regulating Snow Melt Cable is rated at 240V. Adjustments need to be made to the power output as well as maximum circuit lengths if the supply voltage of the application is at 208V or 277V.

<table>
<thead>
<tr>
<th>Power Output</th>
<th>Circuit Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>208V</td>
<td>0.93</td>
</tr>
<tr>
<td>277V</td>
<td>1.02</td>
</tr>
</tbody>
</table>

CONTROLS
The self-regulating cable can operate safely without the use of thermostats or controls but use of thermostats or controls is recommended to improve energy efficiency.

Please contact your Nuheat Representative for more information on our sensors and controls.

GROUND-FAULT PROTECTION
Nuheat Industries and National Electrical Codes require 30-mA equipment ground-fault protection on each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing.