

POWER PLANT SUPPLY CO POWER RADIANT FLOOR HEAT

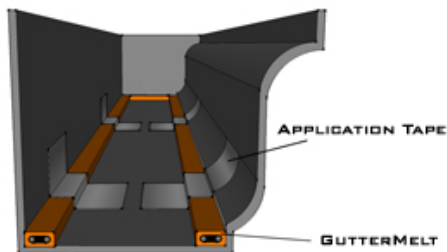
DIVISION OF 140951 CANADA INC

POWER PLANT SUPPLY CO
Snow Melt Roof Gutter & Eve Cable system

<mailto:sales@powerplantsupplyco.com>

<http://powerradiantfloorheat.com/guttericemelting.html>

GUTTER CROSS SECTION



Gutter and Down Spout snow and ice melting cable, keeps the water flowing to the ground. Cables come in several outputs to meet residential and industrial applications. Gutter Melt Cable is a high quality self regulating heating element used to melt snow and ice from gutters and downspouts. *AUTO SENSOR CONTROL* for efficient on and off cycles when snow melt and de-icing is required.

Heat Trace Eaves, Gutters & Downspouts with GutterMelt

Gutter Melt SR 120, 208, 240, and 277V Self Regulating roof and gutter **heat trace cables** are designed to economically and effectively provide heat to maintain water flow paths on eaves, in gutters, downspouts and drains. SR cables produce wattages of 5, 9, 12 and up to 24 watts per foot at 32° F in snow and ice. These cables provide reliable freeze protection while carrying an industry leading 10 year warranty. GutterMelt is a great choice for residential, commercial or industrial projects. Self Regulating technology is effectively used to **heat trace pipes** to keep fluids flowing.

FOR DESIGN, MODEL SELECTION AND INSTALATION CONTACT POWER PLANT SUPPLY CO

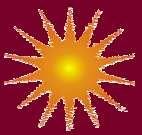
WE STOCK IN CANADA FOR DIRECT SHIPPING TO ALL CANADIAN POINTS

<mailto:sales@powerplantsupplyco.com>

902 435 9899 – 416 752 3339 – 709 747 7650

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In Canada for roof de-icing, gutter melt, snow melting, snow melting, snow melt, snow removal, automatic snow removal, Power Plant Supply Co has convenient shipping warehouse locations in Canada, to serve customers in Ontario, ON, Quebec, QC, Atlantic Canada, including New Brunswick, NB, PEI, Nova Scotia, NS, Newfoundland & Labrador, NL, British Columbia, BC, Alberta, AB, Manitoba, Man, Saskatchewan, SK, Nunavut, Northwest Territories, NWT, Yukon. Next day Air or convenient ground to major cities including Vancouver, Calgary, Edmonton, Fort McMurray, Winnipeg, Yellowknife, Thunder Bay, Hamilton, Toronto, Ottawa, Montreal, Quebec City, Saint John, Moncton, Fredericton, Charlottetown, Halifax, Sydney, Corner Brook, St John's.

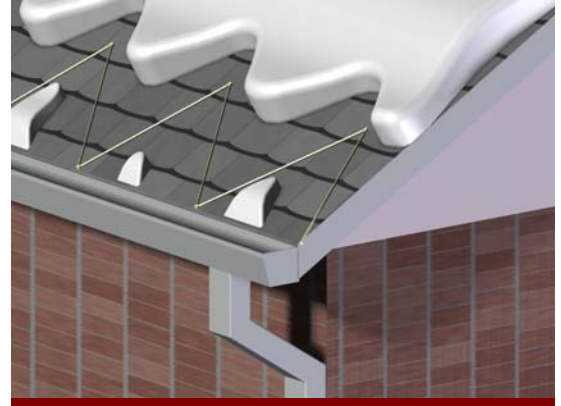


Heatizon Systems GutterMelt rain gutter, downspout, eave and drain deicing products provides heat to control ice dam formation and to maintain flow paths on eaves, and in gutters and downspouts. This heating cable is placed directly on top of the shingles or roofing material and/or in the rain gutters and downspouts. Snow and ice removal can be activated by a simple switch, or totally automated by adding an automatic temperature/moisture sensor.

FAST & EASY INSTALLATION

Heatizon Systems GutterMelt utilizes easy to install Self-Regulating or MI heating cable to provide reliable freeze protection of roofs, gutters, downspouts and drains. Simply run the cable in gutters using Heatizon Foil Tape (Heatizon Part No. HT40999) with pressure sensitive adhesive to secure cable placement. The heating cable can also be inserted in downspouts using downspout hangers to support it. Roof clips attach the cable to standard roofing material for eave melt. Self Regulating GutterMelt can be cut to length in the field, while GutterMelt MI Cable is custom ordered to make installation convenient and easy.

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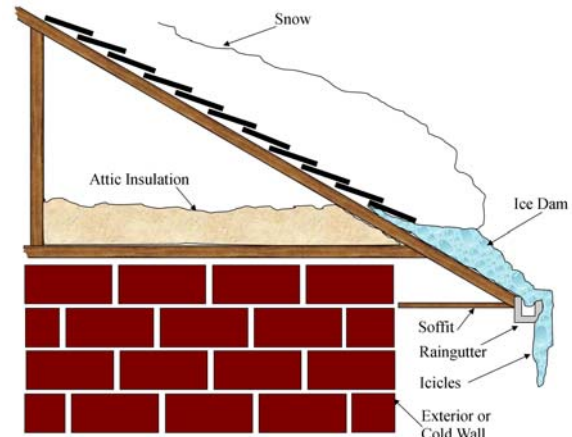


ENERGY EFFICIENT AND COST EFFECTIVE

Heatizon Systems Self-Regulating GutterMelt system automatically adjusts to the appropriate heat output as ambient conditions change. When precipitation is expected, simply energize the cable. The cable provides maximum melting power when snow or ice is present, but will automatically regulate its output and save energy when the roof and gutters are clear of snow and ice. The other Option? Heatizon Systems MI GutterMelt system comes in fixed lengths and looks like copper tubing. Like Self-Regulating GutterMelt, MI Gutter Melt Cable is 100% efficient and can be activated a variety of different ways.

VALUE

Snow and ice causes millions of dollars of damage to roofs, gutters, and downspouts every year. As winter progresses through cycles of freezing and thawing, buildings experience ice buildup which can lead to roof damage, or damage caused by snow and ice falling from the roof. These cycles can cause ice to accumulate and back up under shingles. Resulting in ice dams. In some cases, damage appears in the form of soaked insulation, stained, cracked and damaged sheet rock, damp, smelly, rotting wall cavities and stained, blistered and peeling paint. Heatizon Systems has the products and expertise to effectively solve potential winter issues and protect your investment by providing a path for ice dam causing water to escape, managing icicles, and keeping ice from accumulating in gutters and downspouts.

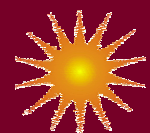


SAFETY

The Heatizon GutterMelt System is listed to UL Standards and CSA Certified by ETL. Gutters and downspouts should be kept clear of leaves and other debris to ensure safe and efficient operation.

SPECIFICATIONS

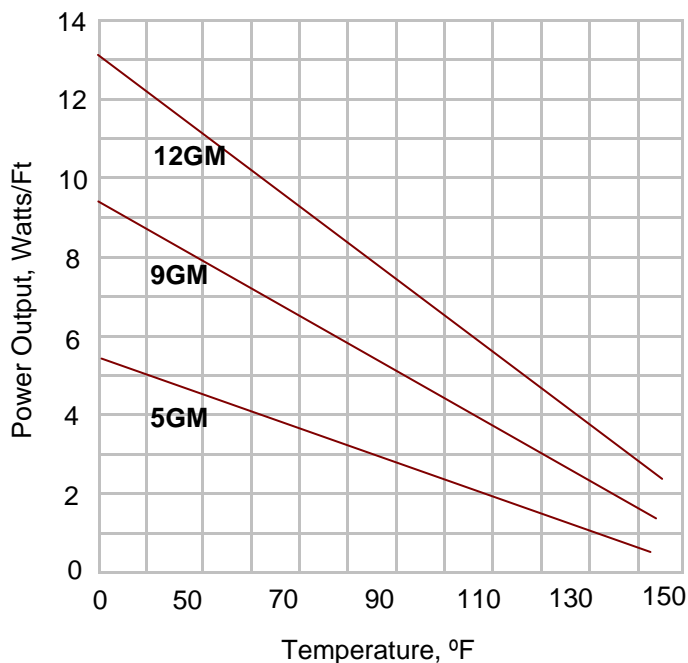
- Buss Wire..... Copper
- Ground Braid.....Tinned copper braid under jacket or copper tube
- Outer Jacket.....U.V. stabilized weatherproof jacket or copper tube
- Environmental Use.....Use only in ordinary areas
- Maximum Exposure Temperature 149°F (65°C)
- Output Wattage 5 to 12 Watts/Foot in snow or ice at 32°F
- Service Voltage.....Operates on 120 VAC, 208-277VAC, 480 VAC



GUTTERMELT SR PERFORMANCE RATINGS

Copper bus wire	16 AWG
Nominal Power Output	5, 9, or 12 Watts/Ft in iced water at 32°F (0°C)
Max Maintenance Temperature	149°F (65°C)
Max intermittent exposure temperature	212°F (100°C) T rating: T5
Voltage	120, 208, 240, 277 or 480 VAC
Watts at 32°F (0°C)	Up to 12W per lin. ft.
Length	Refer to product label
Diameter/Height	Approx. 0.22" x 0.42"
Bending Radius	Not tighter than 2" inside diameter
Minimum Spacing	2"
Cap Thickness	None Required

GUTTERMELT SR POWER OUTPUT CURVE



GUTTERMELT SR BREAKER SIZING AND MAX CIRCUIT LENGTH

120 Volt Breaker Sizing vs Max Circuit Length (ft)

	15A	20A	30A	40A
5GM1 If started at	40°F	300	—	—
	0°F	200	270	330
	-20°F	180	230	330
9GM1 If started at	40°F	150	200	210
	0°F	95	125	190
	-20°F	85	100	170
12GM1 If started at	40°F	115	150	180
	0°F	70	95	145
	-20°F	60	85	120

240 Volt Breaker Sizing vs Max Circuit Length (ft)

	15A	20A	30A	40A
5GM2 If started at	40°F	660	—	—
	0°F	410	560	660
	-20°F	360	480	660
9GM2 If started at	40°F	295	390	420
	0°F	195	250	375
	-20°F	170	225	340
12GM2 If started at	40°F	230	305	360
	0°F	150	200	300
	-20°F	130	175	260

SOLUTIONS

INSTALLATION ACCESSORIES

- Power Connection Kit
- End Seal Kit
- Roof Clips
- Downspout Hangers
- Aluminum Tape

FEATURES

- Easy to install
- Field cut or custom lengths
- Listed to UL standards
- CSA Certified
- GutterMelt SR
Approx. 3/4" W x 1/4" H
- GutterMelt MI Approx. 1/4" Diameter

- Minimizes icicles
- Provides an escape route for water
- Reduces snow and ice build up
- Minimizes snow slides
- Keeps gutters, downspouts and eaves flowing
- Commercial, industrial and residential buildings

CUSTOMER SERVICE

Our highly experienced Distributor and Technical Support Teams are the best in the business. We also manufacture a family of under-roof snow melt and deicing products, driveway snow melting and interior floor warming and space heating products. Call your 902 435 9899 website at www.powerplantradiantfloorheat.com.

Heatizon Systems
Warming The Worlds'
Cold Spots

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