WarmlyYours

Ice Shield

Self-Regulating Roof & Gutter Deicing Cable

When ice and snow accumulate on a building's roof or gutters, they can cause ice dams, which can lead to significant water damage requiring costly repairs. Equipped with temperature and moisture sensors, the Ice Shield Self-Regulating Roof & Gutter Deicing Cable heating system can detect and begin melting snow and ice, creating a pathway for water to drain properly and avoiding potential damage. The self regulating cable, which fluctuates wattage per linear foot in response to the temperature outdoors, is highly energy efficient, which can save on operating cost.

Product Information

Heating Cable	Loose self-regulating heating cable
Heating Element Color	Black
Heating Cable Outer Jacket	Waterproof thermoplastic
Watts per Linear Foot at 50°F (10°C)	5
Certifications	UL Listed and CSA Certified for outdoor use in the U.S. and Canada
Warranty	10-year warranty

Cable Information

CODE	VOLTAGE	LENGTH	MSRP (USD - CAD)
ET-SR-120-05-0050	120	50'	$350.00 - $500.00
ET-SR-120-05-0100	120	100'	$600.00 - $850.00
ET-SR-120-05-0250	120	250'	$1,350.00 - $1,900.00
ET-SR-120-05-0500	120	500'	$2,600.00 - $3,700.00
ET-SR-120-05-1000	120	1,000'	$5,100.00 - $7,300.00
ET-SR-240-05-0050	240	50'	$350.00 - $500.00
ET-SR-240-05-0100	240	100'	$600.00 - $850.00
ET-SR-240-05-0250	240	250'	$1,350.00 - $1,900.00
ET-SR-240-05-0500	240	500'	$2,600.00 - $3,700.00
ET-SR-240-05-1000	240	1,000'	$5,100.00 - $7,300.00

Dimensions

Sizes	Available in lengths of 50', 100', 250', 500', and 1,000'
Cable Cross Section	0.375" x 0.25"
Min. Bending Radius	1.125"

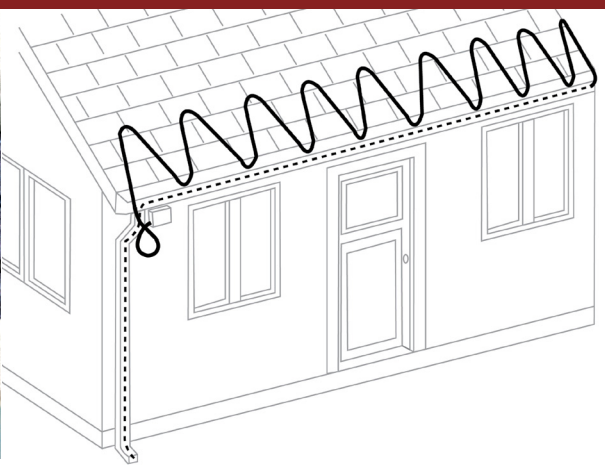
Electrical

Voltages	Available in 120V, 240V The 240V rated cable may also be used for commercial applications at 208V or 277V
Connection Method	Hardwired
Bus Wire Gauge	16AWG
Minimum Installation Temperature	0°F (-18°C)

Accessories

- Power Connection Kit - (with End Seal Kit JSR12)
- Aluminum 3-prong clips attach to asphalt shingles and metal gutters and roofs (sold in pkgs of 25)
- Double sided tape pads for AL-CL clips (sold in pkgs of 25)
- 1 quart primer - adheres clips to EPDM or rubber
- Plug-in Conversion Kit with GFEP for Self-Regulating Heating Cable (Includes End-Seal Kit) (140' Max Length in 120V)

4 Simple Steps to Install



1 Cut the heating cable to proper length, if necessary. This can be done before or after the cable is on the roof.

2 Use roof clips to attach the heating cable to the roof, gutter and downspouts per your custom SmartPlan™.

3 Install end seals and power connection before turning on power. Use only weatherproof junction boxes approved for wet locations when installing.

4 After installation, turn the circuit breaker on to give power to the cable. Standing water in the gutter should feel warm within one hour.

Installation Information

- Use roof clips to attach the heating cable to the roof (5 clips per each triangle).
- When attaching cable in the gutter, use clips every 10 feet. Add clips before and after each downspout.
- For roof valleys, run the heating cable two-thirds of distance up and down the valley. Add the additional length to the overall cable length.
- Protect the heating cable ends from moisture or mechanical damage before connection.
- Do not run a power lead or sensor wire across a warming cable.
- Do not fold or position the heating cable so that it overlaps itself or other warming cables (this could lead to dangerous overheating).
- Field-assembled end terminations should not be located in an area where moisture is present or at the lowest point of downspouts.
- 30mA trip type GFPE ground fault protection breakers are required for each heater circuit. Breakers that meet this rating should be installed by a qualified electrician.

Maximum Circuit Lengths

Minimum Start-up Temperature		120V CABLE	240V CABLE		
	Amps	120V	208V	240V	277V
0º F (-18º C)	15	140	268	285	311
	20	190	357	380	414
	30	270	508	540	589
	40	270	508	540	589

How to Order

1 Simply draw a sketch of the roof and gutter area that you want to heat (including dimensions).

2 Send it to **sales@warmlyyours.com**. Then WarmlyYours's skilled engineers will create a free SmartPlan™ custom installation plan based on your drawing, typically in as little as 1 business day.

3 After you receive your SmartPlan™, just verify the correct dimensions before placing your order with your WarmlyYours account manager.

Draw a sketch of your project and we'll do the rest!