

Warmup®

SNOW MELTING PRODUCTS RANGE

Warmup
10-Year
LIMITED
WARRANTY



for Stairs



for Driveways



for Walkways



for Gutters & Roofs

**EVEN IF YOU CAN'T CONTROL THE WEATHER,
YOU CAN CONTROL THE
OUTCOME WITH WARMUP®**

Stay safe, avoid costly accidents and eliminate the need for back-breaking shovelling. With Warmup's snow melting product range you can prevent snow and ice buildup on stairs, driveways, slippery walkways and more by maintaining a temperature just above 32°F (0°C) with Warmup's snow melt heating wire. It is triggered automatically by either a temperature or moisture-sensitive sensor. It's ideal where safety is paramount.

The wire is UV resistant, suitable for low temperatures and can be installed in asphalt, concrete or under pavers.

KEEP GUTTERS AND ROOFS SNOW AND ICE FREE WITH WARMUP'S SNOW MELTING ROOF CABLE.

The Warmup® snow melting cable, eliminates dangerous snow build up. It creates a drain path needed for melting snow and ice to drain freely. Both systems carry a 10 Year Warranty.

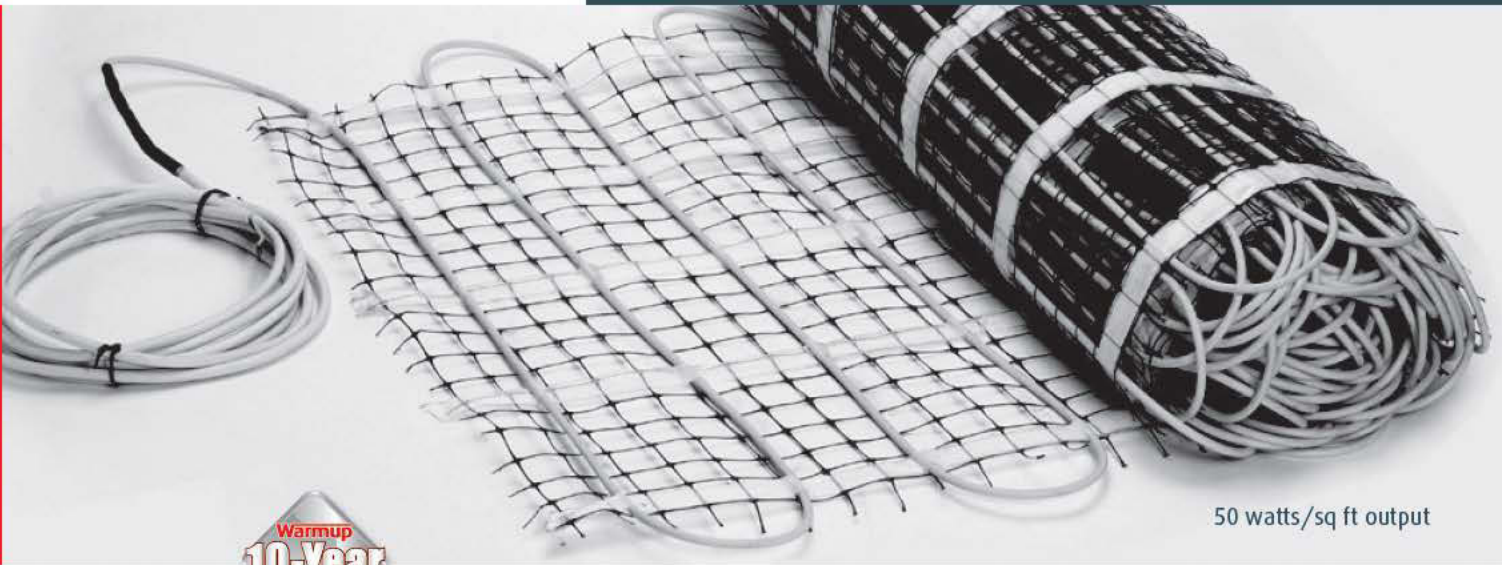
IDEAL FOR COMMERCIAL AND RESIDENTIAL USE

Applications in Asphalt, Concrete and under Pavers, as well as Roof & Gutter.

**From the fastest growing electrical heating company
in North America**

Snow Melting Mats - 120V & 240V formats

SNOW MELTING MATS



50 watts/sq ft output



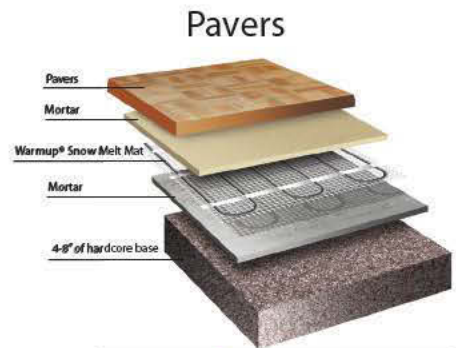
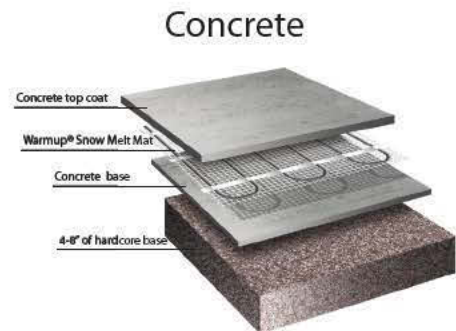
Quick and easy to install, each roll of sturdy mesh has a 3" pre-spaced thick grey heating wire for embedding in concrete, asphalt or under pavers. Our extensive range of mats comes in a 2 foot width, providing 50 watts per square foot. The cable has a layer of shielding and insulation, suitable for low temperatures, UV resistant and environmentally friendly, making them ideal for outdoor use.

Features & Benefits

- Versatile installation in Asphalt, Concrete or under Pavers
- Cable, fixed to roll-out mat, is quick and easy to install

Technical Data

- Operating voltage: 120V and 240V
- Output rating: ± 50 W/sq ft
- Mat width: 2' (61 cm)
- A range of lengths from 3' (91.4cm) up to 60' (1828.8cm)
- Energy efficient twin-conductor heating cable of 1/4" (6mm)
- Rated to a maximum temperature of 464°F (240°C)
- Cold tail length: 16.4' (610cm)
- 10-Year Warranty



120 VOLT	Area ft ²	Heaters	Size	Total Ohms	Total Watts	Amps
	6.0	WSMM-D-120V-540W/300	2' x 3'	48.0	300	2.50
	10.0	WSMM-D-120V-540W/500	2' x 5'	28.8	500	4.17
	20.0	WSMM-D-120V-540W/1000	2' x 10'	14.4	1000	8.33
	30.0	WSMM-D-120V-540W/1500	2' x 15'	9.6	1500	12.50
	40.0	WSMM-D-120V-540W/2000	2' x 20'	7.2	2000	16.67
	50.0	WSMM-D-120V-540W/2500	2' x 25'	5.8	2500	20.83
	60.0	WSMM-D-120V-540W/3000	2' x 30'	4.8	3000	25.00

240 VOLT	Area ft ²	Heaters	Size	Total Ohms	Total Watts	Amps
	6.0	WSMM-D-240V-540W/300	2' x 3'	192.0	300	1.25
	10.0	WSMM-D-240V-540W/500	2' x 5'	115.2	500	2.08
	20.0	WSMM-D-240V-540W/1000	2' x 10'	57.6	1000	4.17
	30.0	WSMM-D-240V-540W/1500	2' x 15'	38.4	1500	6.25
	40.0	WSMM-D-240V-540W/2000	2' x 20'	28.8	2000	8.33
	50.0	WSMM-D-240V-540W/2500	2' x 25'	23.0	2500	10.42
	100.0	WSMM-D-240V-540W/5000	2' x 50'	11.5	5000	20.83
120.0	WSMM-D-240V-540W/6000	2' x 60'	9.6	6000	25.00	

Heater control units sold separately (see back page)

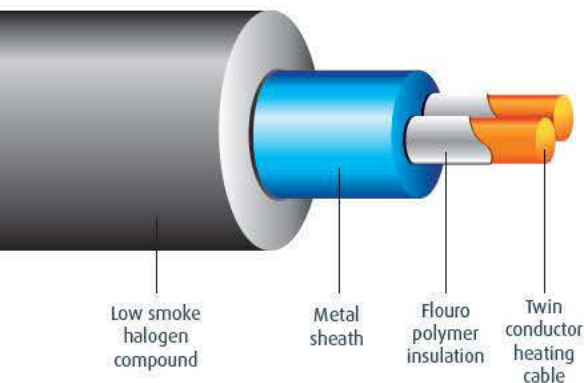
Warmup

USA: Warmup Inc | 52 Federal Road Unit 1F Danbury CT 06810
Tel 1-888-927-6333 | Fax 1-888-927-4721 | E-mail us@warmup.com | Web www.warmup.com

CANADA: Warmup Inc | 10 Kingsbridge Garden Circle Suite 704 Mississauga Ontario L5R 3K6
Tel 905-990-2075 | Fax 905-990-1732 | E-mail ca@warmup.com | Web www.warmup.ca

Roof & Gutter De-Icing Cable -120V & 240V formats

ROOF & GUTTER DE-ICING



The Roof & Gutter De-Icing Cable prevents ice and snow build-up that can cause extensive damage to roof and gutter systems. The 5.5 watt, twin conductor grey heating cable creates drain paths needed, enabling snow and ice to melt and drain freely. The resistance-heating element has Fluoropolymer as a primary insulation, covered with metal sheathing and final outer cover of Low Smoke Zero Halogen compound. It is UV resistant and environmentally friendly, making it ideal for outdoor use.

Features & Benefits

- UV resistant
- Available in a wide range of lengths to suit your requirements
- Roof cable can be wired to operate together with snow melting mats for a complete roof/ground application

Technical Data

- Operating voltage: 120V and 240V
- Output rating: 5.5 watts / linear foot
- Cable length tolerance +/-5%
- Energy efficient twin-conductor heating cable of 1/4" (6mm)
- Rated to a maximum temperature of 464°F (240°C)
- Cold tail length: 16'.4" (610cm)
- 10-Year Warranty



120 VOLT	Length (ft)	Heaters	Ohms	Watts	Amps
	28	WRGH-D-120V-18W/150	92.3	150	1.3
	62	WRGH-D-120V-18W/350	41.4	350	2.9
	88	WRGH-D-120V-18W/475	30.0	475	4.0
	156	WRGH-D-120V-18W/850	16.9	850	7.1
	219	WRGH-D-120V-18W/1200	12.0	1200	10.0

240 VOLT	Length (ft)	Heaters	Ohms	Watts	Amps
	93	WRGH-D-240V-18W/500	114.3	500	2.1
	176	WRGH-D-240V-18W/950	60.0	950	4.0
	250	WRGH-D-240V-18W/1300	44.4	1300	5.4
	312	WRGH-D-240V-18W/1700	33.8	1700	7.1
	437	WRGH-D-240V-18W/2400	24.0	2400	10.0
	625	WRGH-D-240V-18W/3400	16.9	3400	14.2

Heater control units sold separately (see back page)



USA: Warmup Inc | 52 Federal Road Unit 1F Danbury CT 06810
 Tel 1-888-927-6333 | Fax 1-888-927-4721 | E-mail us@warmup.com | Web www.warmup.com
 CANADA: Warmup Inc | 10 Kingsbridge Garden Circle Suite 704 Mississauga Ontario L5R 3K6
 Tel 905-990-2075 | Fax 905-990-1732 | E-mail ca@warmup.com | Web www.warmup.ca



Warmup gives you a selection of Snow Melting Control Units to suit your project. Choose either the ASE-DS2/5 for projects like stair and driveways or USET02 for ground and roof multiple zoning projects. Automatically activated by readings from temperature and moisture sensors, the controller ensures economical control of power consumption while keeping outdoor areas and roofs free from ice and snow. The system stays operational until the surface is snow and ice-free, and shuts off automatically after a pre-selected idle time. Backed with a 1-year limited warranty.



All-in-one Sensor/Controller (ASE-DS2/5) Features & Benefits

Technical Data



ASE-DS2 (30A)

ASE-DS5 (60A)

- Sensors & controller in one outdoor unit
- Full access to electronics for manual overrides
- Automatic activation - only on when needed
- Rain, snow and temperature activated
- Adjustable temperature trigger for cost efficiency
- Selectable low temperature cuff off
- Heaters connect directly into unit for simplicity
- Adjustable delay-off drying cycle
- Remote control and monitor capabilities

- Operating voltage: 120V, 208V & 240V, ± 10%, 50-60 Hz
- Heating Load: 30A@240VAC
- Temperature range: -40°F/+185°F (-40°C/+85°C)
- Trigger Temperature: 34°F/44°F (1.1°C/6.6°C)
- Dimensions: 4.7"H x 7"W x 2.7"D
- Housing: weatherproof enclosure
- Detects: temperature and moisture
- 1-Year Warranty

Thermostat & Mounting Box (USET02)

Features & Benefits

Technical Data



USET02-4550 (controller)



US92023 (mounting box)

- 2 zone control in one unit. Can control roof, ground or roof & ground zones
- Can be switched to standby or forced on to override timer settings in extreme weather
- Economical control of ice and snow melting
- Indoor mounting

- Operating voltage: 120V, 208V & 240V, ± 10%, 50-60 Hz
- Output rating: 11 kW
- Temperature range: 32/41°F (0/+5°C)
- Working range: -4/41°F (-20/+5°C)
- Dimensions (excludes box): 3.5"H x 6.1"W x 1.8"D (90/156/45mm)
- Dimensions (with box): 6.7"H x 6.4"W x 1.8"D (170/162/45mm)
- Housing (including cover): IP20
- 1-Year Warranty

Control Sensors



ETOG-55 (ground)



ETOR-55 (roof)

ETF-744/99 (temperature)



Ground Sensor: (ETOG-55)

- Embeds into the surface of the outdoor area where the worst snow/ice problems occur
- Detects temperature and moisture
- Up to two ETOG sensors can be installed

Roof & Gutter Sensor: (ETOR-55)

- Mounts inside gutters and down pipes
- Detects moisture only
- Up to two sensors can be installed

Outdoor Sensor: (ETF-744/99)

- Wall mounting temperature sensor to detect rapidly decreasing air temperature
- Use with ETOR, ETOG or used separately

- Detecting: temperature and moisture
- Mounting: Outdoor area
- Housing: IP68
- Ambient temperature: -4/+158°F
- Dimensions: 1.3"H x 2.4" cir.

- Detecting: moisture
- Mounting: gutter and down pipes
- Housing: IP68
- Ambient temperature: -4/+158°F
- Dimensions: 4.1"H x 1.2"W x 1.5"D

- Detecting: temperature
- Mounting: Outdoor wall surface
- Housing: IP54
- Ambient temperature: -4/+158°F
- Dimensions: 3.4"H x 1.8"W x 1.4"D