

DESCRIPTION

Maximize safety and security in residential and commercial areas by reducing slips and falls caused by snow and ice. Eliminate the use of salt and chemicals used to remove snow and ice. Now there is no need to shovel or chip ice off driveways, ramps, walkways or stairs.

SNOW-MAT™ snow & ice melting mats are constructed with sturdy, thin flexible heating elements that are bound to fiberglass mats. The durable adhesive mesh backing can be cut between the heating elements to create your desired layout shape.

FEATURES

- No need to shovel snow or use chemicals to melt away ice
- Easily installs under concrete, asphalt, paving stones and interlock
- Construction site tough cables with a convenient durable mat backing
- Mat backing can be cut between cables to create desired shape
- Ideal for a variety of residential, commercial and industrial properties
- Available in a variety of sizes to fit your project
- Maximum withstand temperature 240°C for 10 minutes



CONSTRUCTION

Twin heating conductors with fluoropolymer insulation, metal sheath and high temperature material outer jacket. Equally spaced on mesh backing.

TECHNICAL

VOLTAGE:	Available in 600 Volt
HEAT LOAD:	40 W/sq ft
COLD LEAD:	16 ft (5 m)
OPERATING TEMP:	-15 °C to +105 °C

CABLE SELECTION & DESIGN:

RESIDENTIAL

Choose from standard 240V for outdoor residential applications, such as driveway snow melting and de-icing.

COMMERCIAL

Depending on requirements, choose from 240V, 208V or 600V for commercial applications, including entry and sidewalk snow melting.

INDUSTRIAL

240V, 208V and 600V mat systems available for any industrial snow melting and de-icing application.

THERMOSTAT

A thermostat that monitors and controls the slab temperature is required. We recommend the use of an automatic snow sensor to fully automate the snow melt system ensuring the fastest response time and energy efficiency.

INSTALLATION

Refer to "SNOW-MAT Heating Cable Mat - Snow & Ice Melting" manual for complete installation instructions. Electrical connection of the heating system and thermostat should be done only by a qualified electrician.

WARRANTY

Warranted free from manufacturers defect for 20 years. Visit www.britech.ca for Limited Warranty details.

For product selection & design assistance please contact Britech at 1-877-335-7790



OPERATING VOLTAGE | 240 V

PRODUCT REF. CODE	POWER (WATTS)	LOAD (AMPS)	RESISTANCE (OHMS)	LENGTH OF MAT (FT)	WIDTH OF MAT (FT)	AREA (SQ FT)
SMMT-970	970	4.0	59.4	16.0	1.5	24
SMMT-1440	1440	6.0	40.0	24.0	1.5	36
SMMT-1950	1950	8.1	29.5	32.0	1.5	48
SMMT-2160	2160	9.0	26.7	36.0	1.5	54
SMMT-2890	2890	12.0	19.9	48.0	1.5	72
SMMT-3900	3900	16.3	14.8	65.0	1.5	97.5
SMMT-4330	4330	18.0	13.3	36.0	3.0	108
SMMT-4870	4870	20.3	11.8	41.0	3.0	123

OPERATING VOLTAGE | 208 V

PRODUCT REF. CODE	POWER (WATTS)	LOAD (AMPS)	RESISTANCE (OHMS)	LENGTH OF MAT (FT)	WIDTH OF MAT (FT)	AREA (SQ FT)
SM-208-960	960	4.6	45.1	16	1.5	24
SM-208-1920	1920	9.2	22.5	32	1.5	48
SM-208-2880	2880	13.8	15.0	48	1.5	72
SM-208-4320	4320	20.8	10.0	36	1.5	108
SM-208-4920	4920	23.7	8.8	41	1.5	123

OPERATING VOLTAGE | 600 V

PRODUCT REF. CODE	POWER (WATTS)	LOAD (AMPS)	RESISTANCE (OHMS)	LENGTH OF MAT (FT)	WIDTH OF MAT (FT)	AREA (SQ FT)
SMMT-600-960	960	1.6	375.0	16	1.5	24
SMMT-600-1920	1920	3.2	187.5	32	1.5	48
SMMT-600-2880	2880	4.8	125.0	48	1.5	72
SMMT-600-4320	4320	7.2	83.3	36	3.0	108
SMMT-600-4920	4920	8.2	73.2	41	3.0	123