

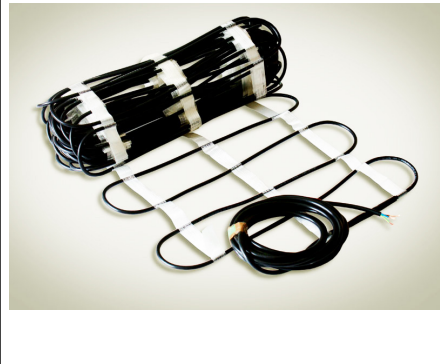
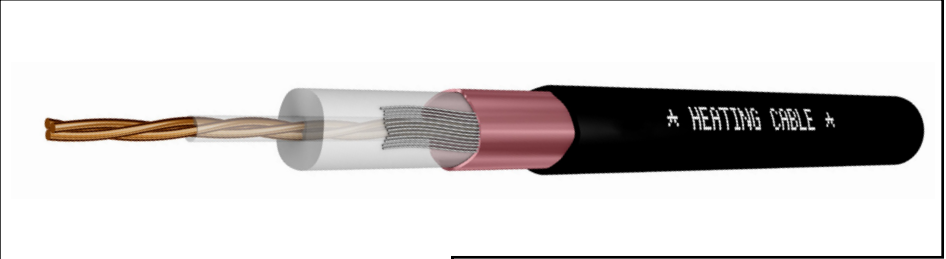
SnowMeltz Mat Snow Melting System

DATA SHEET

Description:

The SnowMeltz Mat system rolls out for fast and easy installation. An easy, effective, and economical way to add snow melting to various outdoor surfaces. The mats provide for an easy installation by simply rolling it out on the surface to be paved. Larger areas can be heated by multiple mats chained together. These mats are 24" wide, come in a variety of lengths, and voltages to fit any project. Connect multiple mats to one activation device for larger square-foot areas that one Snowmeltz Mat may not accommodate. SnowMeltz can be used with a variety of Heatizon automatic moisture and temperature sensors, to ease regular use and efficiency.

Design & Application:



Selection Charts:

SnowMeltz 208V Mats				
Model	Coverage ft ²	Total Ohms	Amps	Mat Length
SM-50W208-10	10	83.2	2.5	5'
SM-50W208-15	15	52.4	4.0	8'
SM-50W208-25	25	35	5.9	12'
SM-50W208-35	35	24.8	8.4	17'
SM-50W208-45	45	19.3	10.8	22'
SM-50W208-60	60	14.4	14.4	30'
SM-50W208-75	75	11.8	17.7	37'
SM-50W208-100	100	9.1	22.8	50'

Specifications:

Heating cable	Single or Dual
Voltage	120VAC to 600VAC
Watts	12 watts/ft max.
Watts Per Sqft	50 w/sqft @ 208V 50 w/sqft @ 240V, 37 w/sqft @ 208V 50 w/sqft @ 277V, 37 w/sqft @ 240V
Cold Lead Length	20'
Mat Width	24"
Length	Refer to product label
OD Single Conductor	0.23" to 0.26"
OD Dual Conductor	0.24" to 0.35"
Cable Type	Constant Wattage
1st Insulation	Fluoropolymer
2nd Insulation	Cross-Linked XLPE
Protective Screen	Tinned Copper
Outer Jacket	Cross-Linked Halogen Free Fire Retardant Polyolefin with UV Protection
Heating Endurance	-22 °F(-30 °C) to 194 °F(90C)
Short Term Heating Endurance	464 °F(240 °C) not to exceed 30 min
Minimum Spacing	2"
Standard Spacing	3" to 6"
Cap Thickness	2" to 4" max
Bending Radius	6D** (approx. 2")
Thermal Resistance	464 °F(240 °C) not to exceed 30 min

SnowMeltz 240V/208V Mats					
Model	Coverage ft ²	Total Ohms	Amps @240V	Amps @208V	Mat Length
SM-50W240-37W208-15	15	52.4	3.2	2.8	8'
SM-50W240-37W208-20	20	35	4.0	3.4	10'
SM-50W240-37W208-30	30	35	5.9	5.1	15'
SM-50W240-37W208-35	35	24.8	7.7	6.6	18'
SM-50W240-37W208-45	45	19.3	9.2	8.0	22'
SM-50W240-37W208-60	60	14.4	12.6	10.9	30'
SM-50W240-37W208-75	75	11.8	15.3	13.2	37'
SM-50W240-37W208-100	110	9.1	22.9	19.9	55'

SnowMeltz 277V/240V Mats					
Model	Coverage ft ²	Total Ohms	Amps @277V	Amps @240V	Mat Length
SM-50W277-37W240-10	10	180.1	1.5	1	4'
SM-50W277-37W240-15	15	107.8	2.6	2	7'
SM-50W277-37W240-20	20	69.8	4.0	3	10'
SM-50W277-37W240-25	25	61.4	4.5	4	13'
SM-50W277-37W240-35	35	46.5	6.0	5	17'
SM-50W277-37W240-40	40	37.4	7.4	6	21'
SM-50W277-37W240-45	45	34.1	8.1	7	23'
SM-50W277-37W240-50	50	30.7	9.0	8	25'
SM-50W277-37W240-60	60	25.6	10.8	9	30'
SM-50W277-37W240-75	75	21.3	13.0	11	37'
SM-50W277-37W240-85	85	18.2	15.2	13	43'
SM-50W277-37W240-100	100	15.7	17.7	15	50'
SM-50W277-37W240-130	130	12.1	22.9	20	65'



Note: Refer to the NEC or CEC for specific requirements.



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