SnowMelt

Model: D-SMC

DE-ICERMAN

Data Sheet
Snow Melt Cable

DESCRIPTION

De-Icerman constant-wattage Snow-Melt cables offer a simple and dependable solution for keeping outdoor surfaces clear of snow and ice, making them ideal for both residential and commercial applications.

Constant wattage snow melting cables are designed to **prevent snow and ice buildup on outdoor surfaces** such as driveways, walkways, stairs, and patios. When installed beneath the surface, they provide **reliable and consistent heat** to keep areas clear and safe during winter conditions.

These systems deliver a **steady level of heat along the entire cable**, ensuring even melting performance across the protected area. Once activated - either manually or through automatic controls - they begin melting snow as it falls and help prevent ice from forming. With variety of sizes, we ensure full coverage for any outdoor area or combination of areas.





C SA® US

416-300-7838
info@deicerman.com
www.deicerman.com

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SNOW MELT CABLE SIZING

Voltage	Model	Specification					Coverage with Cable Spacing (sf)		
		Length M	Length FT	Power W	Current AMP	Resistance OHM	3”	3.5”	4”
120	D-SMC121-1000	25	83	1000	8.3	14.40	20.8	24.2	27.7
	D-SMC121-2000	51	167	2000	16.7	7.20	41.8	48.7	55.7
	D-SMC121-2500	64	208	2500	20.8	5.76	52	60.6	69.3
	D-SMC121-3000	76	250	3000	25.0	4.80	62.5	73	83.3
240	D-SMC122-0432	11	36	432	1.8	122.5	9	10.5	12
	D-SMC122-0660	17	55	660	2.8	80.2	13.8	16	18.3
	D-SMC122-0840	21	70	840	3.5	6.3	17.5	20.4	23.3
	D-SMC122-1000	25	83	1000	4.2	52.9	20.8	24.2	27.7
	D-SMC122-1260	32	105	1260	5.3	42	26.3	30.6	35
	D-SMC122-1500	38	125	1500	6.3	35.3	31.3	36.4	41.7
	D-SMC122-1680	43	140	1680	7	31.5	35	40.8	46.7
	D-SMC122-2000	51	167	2000	8.3	26.5	41.8	48.7	55.7
	D-SMC122-2220	56	185	2220	9.3	23.8	46.3	54	61.7
	D-SMC122-2500	63	208	2500	10.4	21.2	52	60.6	69.3
	D-SMC122-2700	69	225	2700	11.3	19.6	56.3	65.6	75
	D-SMC122-3000	76	250	3000	12.5	17.6	62.5	73	83.3
	D-SMC122-3500	89	292	3500	14.6	15.1	73	85	97.3
	D-SMC122-4000	102	333	4000	16.7	13.2	83.3	97	111
	D-SMC122-4500	114	375	4500	18.8	11.8	93.8	109	125
	D-SMC122-5000	127	417	5000	20.8	10.6	104.3	122	139
	D-SMC122-5500	140	458	5500	22.9	9.6	114.5	133	152.7
	D-SMC122-6000	152	500	6000	25	8.8	125	146	166.7

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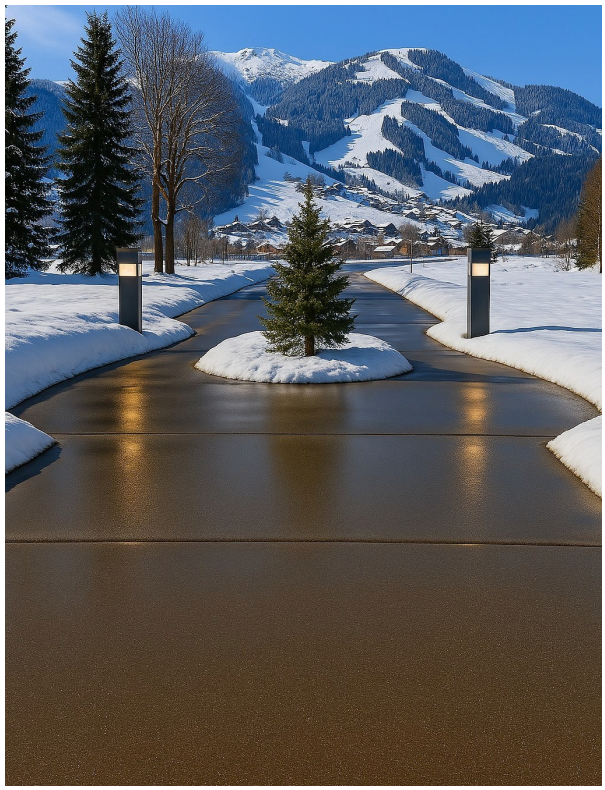
Specification	
Supply Voltage	120V or 240V
Power Output	12 W/ft
Insulation	Fluoropolymer
Outer Jacket	PVC
Cable Diameter	6 - 8 mm
Element Sizes	36 - 500 ft (11 - 152 m)
Cable Spacing	3 - 5 inch (7.5 - 12.5 cm)
Max Sheath Temperature	221° F (105° C)
Min Installation Temperature	14° F (-10° C)

RECOMENDATIONS

The De-Icerman Snow Melt cable model numbers make cable selection easy. Simply divide the full power of the cable (indicated at the end of the model number) by the standard required power per square-foot (50 w/ft^2) to get the total area coverage of any cable model based on standard 3” spacing. It is recommended to select the right controller which addresses your needs and combine them with proper sensors & thermostats to prevent ice formation under all conditions while maximising power consumption efficiency & lifespan. We carry a variety of sensors and controllers suitable for any type of residential, commercial, and industrial applications. For details please refer to our installation manuals online or contact us directly.



INSTALLATION

Depending on the type of surface finish (asphalt, concrete, or interlocks) it is essential to follow the installation instructions for that surface finish step-by-step and diligently for optimum results.

WARRANTY

At DE-ICERMAN we closely monitor the quality of our productions and manufacturing process. We offer 2-year warranty (from the date of purchase) on all our cable products.

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