



## ProLine Low-voltage Roof Deicing System – Data Sheet

The ProLine low-voltage roof deicing system combines the highest reliability with maximum energy efficiency. It's a proven technology that's safe, reliable and energy efficient.

### Features Include:

- Strong thin and flexible lightweight element
- Compatible with shingle and metal roofs
- Element can be stapled/nailed through and cut diagonally
- Durable construction
- Silent, efficient and safe
- Low voltage heater available for 120v, 208v or 240v systems
- 10-year limited manufacturer's warranty against manufacturing defects on heat element; 2 years on components
- ETL approved



### ProLine Low-voltage Roof Deicing System

The convenient design, versatility and rugged construction of ProLine low-voltage radiant snow melting systems make them a favorite among homeowners and commercial construction professionals alike. The low voltage flat 12-inch, 9-inch or 3-inch wide heating mat is designed to be installed underneath the roof shingles. The heating elements are protected by a chemically inherently inert and dielectric insulation so the heating element can be installed under all typed of roofing material, including metal roofs.

The lightweight heating elements are delivered in a roll and can be cut to size and field wired on the job site for easy installation.

### Element

Element Type	Width (inches)	Watts per foot at 32°F
MEP-30-36W	12	13
MEP-30-70W	12	24
MEP-23-36W	9	13
MEP-23-80W	9	28
MEP-7-30W	3	10.8

### Power Supply

Item #	Description	Amperage
EPI-LX-250, 120/230V / 24V	Power Supply	1 x secondary circuit 25A
EPI-LX-500,120/208/230V / 24V	Power Supply	1 x secondary circuit 25A
EPI-LX-R-250, 120/230V / 24V	Power Supply w/Regulator	1 x secondary circuit 25A
EPI-LX-R-500,120/208/230V / 24V	Power Supply w/Regulator	1 x secondary circuit 25A
EPI-LX-R-1000,120/208/230V / 24V	Power Supply w/Regulator	2 x secondary circuit 25A each
EPI-LX-R-1500,120/208/230V / 24V	Power Supply w/Regulator	3 x secondary circuit 25A each



**Terminal Board**

Item #	Description
T-Block	Terminal Block 2-Bar

**Connection**

Item #	Description	Specifications
C&T - 10	Connector & Tape Kit	10 pcs of each per pack
CON-DB	Connector DB Tcu	per piece
TAPE-1	Sealant Tape - cut	2.5 in x 1.5 in
TAPE-R	Sealant Tape - roll	2.5 in x 10 ft

**Wire**

Item #	Description	AWG
TCu14-Black or White	Tinned Copper Wire	14 AWG-B /-W
TCu12-Black or White	Tinned Copper Wire	12 AWG-B /-W
TCu10-Black or Red	Tinned Copper Wire	10 AWG-B /-R
3-Conductor	Signal Wire from Power Supply to Thermostat	

**Miscellaneous**

Item #	Description
TOOL-PRO	Crimp Tool
PET-TAPE	Clear Tape to hold down the element strips - 3 in x 108 ft

**Activation Devices\***

Item #	Description	Voltage
WS-2C	Aerial Mounted Snow Switch (30 amps) Moisture and temperature sensing	120, 240
WS-8C	Aerial Mounted Snow Switch (30 amps) Moisture and temperature sensing Includes remote moisture sensor	120, 240
WS-AUX	Auxiliary Control Unit for Aerial Mounted Snow Switch	120, 240
CS-50	50' reel of interconnect cable to go between an aerial snow sensor and Auxiliary Control Unit	
CS-100	100' reel of interconnect cable to go between an aerial snow sensor and Auxiliary Control Unit	
CS-200	200' reel of interconnect cable to go between an aerial snow sensor and Auxiliary Control Unit	
PL-EPI-LX-TC	Thermostat with sensor	120, 208, 240
RH-115	Air Sensing NEMA 4 outdoor Thermostat	120, 240

\*Special dealer pricing available on these items.

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