

# Snow Melting

Electric and Hydronic Products and Applications





## Melt Troubles Away

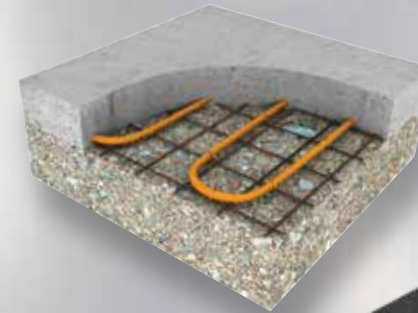
Make shoveling or plowing snow a distant memory with a Watts Radiant snow melting system. A snow and ice free hospital helipad is vital to the reaction time needed to serve patients in critical condition.

Imagine how a trucking company can utilize this system to ensure a safe dock for loading and unloading! Say good-bye to applying salt and other harmful chemicals to driveways in the freezing cold.

- Stairs and Steps
- Walkways and Sidewalks
- Entry Ways
- ADA Ramps
- Sports Fields
- Bridges
- Driveways
- Parking Lots and Garages
- Car and Truck Washes
- Car Ramps
- Courtyard Areas
- Roofs and Eaves
- Decks
- Coal and Aggregate Bins
- Helicopter Landing Pads
- Loading Docks
- Roadways
- Milking Parlor Ramps
- Animal Arenas and Tracks

## Hydronic snow melting

*Brick Paver: Onix tubing embedded in sand beneath brick pavers.*



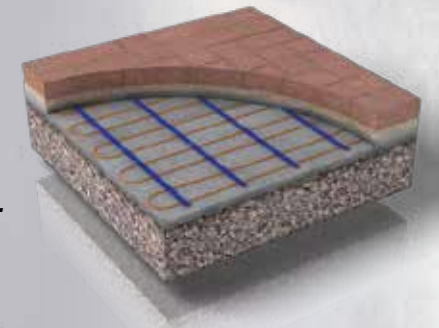
*Slab on Grade: RadiantPEX+ tied to mesh or grid.*

*Asphalt: RadiantPEX-AL tied to mesh or grid.*

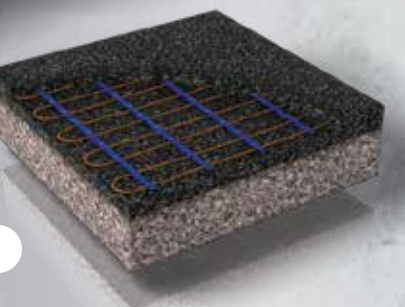
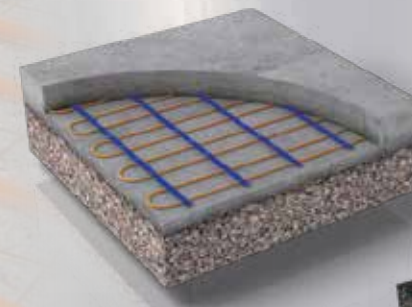


## Electric snow melting

*Brick Paver: Embed ProMelt mat or cable in the sand below pavers, stone or other surfaces.*



*Concrete Slab: ProMelt mat or cable zip-tied to mesh or grid in the middle of the slab.*



*Asphalt: ProMelt mat or cable between two lifts of asphalt.*





## Benefits:

- Safety for patrons, guests, patients, visitors, employees and relatives
- No salt or plowing means less deterioration of pavement and brick pavers
- Convenient
- Choose from hydronic or electric
- Automatic with select controls
- Free design service





## Hydronic snow melting

A variety of tubing choices are available, each with its own set of features. Onix, RadiantPEX+, and RadiantPEX-AL.



Flexible Radiant Tubing  
with Oxygen Barrier



**RadiantPEX+**  
Cross-linked Polyethylene Tubing w/EVOH Barrier



**RadiantPEX-AL**  
Cross-Linked Polyethylene x Aluminum x Cross-Linked Polyethylene

## Supply and return piping

R-flex™ can make insulated piping runs to melting areas not located adjacent to the heat source, reducing heat loss and increasing system efficiency.

**R-flex**  
insulated piping systems  
Supply and Return Piping



## Electric snow melting

ProMelt answers the call for an electric snow melting system. Low profile, simple installation, and automated control possibilities make ProMelt a popular snow melting choice.

**ProMelt**  
Electric Snow Melting



## Hydronic Controls.

A HydroControl Panel is the heart of a snow melt system, transferring heat from the heat source to the snow melted area. Factory designed and assembled panels systemize the pumps, heat exchangers, valves and controls for years of trouble-free operation.

Watts offers a variety of controls ranging from simple manual switches to fully automated control strategies.



## Electric Controls.

### Pole-Mount Sensors

A variety of automatic sensors can mount on conduit or to an outside wall to sense snow conditions.



### Slab-Mount Sensor

Flush sensor mounts in pavement to directly sense snow and slab temperatures.



### Contactor Control

Designed for use with ProMelt. Contactor Pro Panels connect to low-voltage pole or slab-mounted sensors.



**WATTS**

Watts is an ISO 9001:2008 approved facility.



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