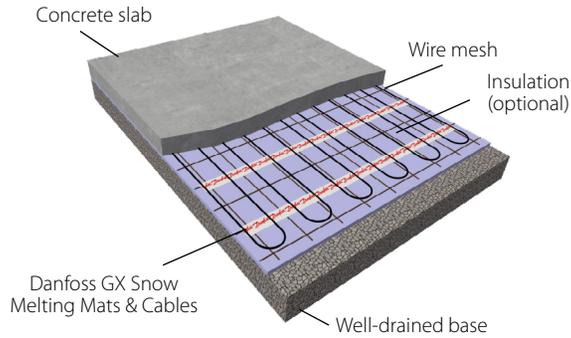
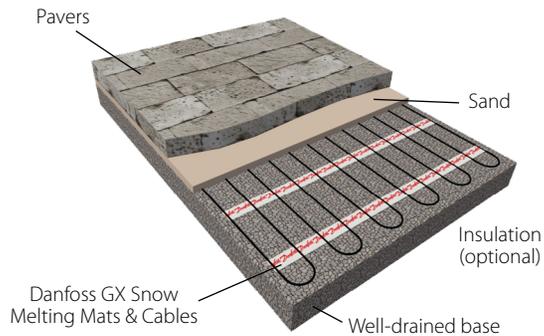


# Typical Applications

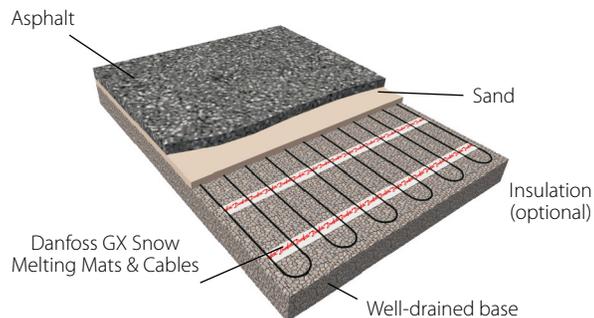
## Concrete



## Paving Stones



## Asphalt



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# Electric Cable Heating Solutions

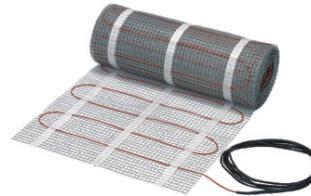
Danfoss heating systems deliver a safe and healthy way of heating homes. We offer a one stop solution to floor heating, pipe tracing, and roof and gutter needs.



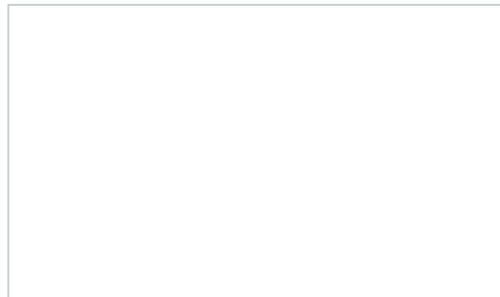
Danfoss PX Trace Cable



Danfoss RX Roof De-icing Kits



Danfoss LX Self-Adhesive Mat



## Danfoss

Toll Free: 888 DANFOSS (326 3677) • Fax: 416 352 5981  
www.Heating.Danfoss.us

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# GX Snow Melting Mats & Cables

Electric Snow and Ice Melting Systems



www.Heating.Danfoss.com

# GX Snow Melting Solutions

## GX MATS AND CABLES

Increase safety & reduce damage

### Total Control, Easy Installation, Energy Efficiency

- Twin conductor cables
- Single point connection
- Flexible & simple to install
- Durable construction
- Silent, efficient, and safe
- Ideal for driveways, parking lots, sidewalks, stairs, ramps, bridges and many other applications
- For use in concrete, asphalt, and under pavers
- Eliminates EMF's (electromagnetic fields)
- GX Heating mats significantly reduce installation time & labor
- Genuine twenty year warranty



## DS-2C/DS-5C SNOW MELT CONTROLLERS

Increase efficiency and savings!

- Housed in a weatherproof enclosure
- Senses both moisture & temperatures
- Adjustable temperature trigger point
- Adjustable delay off drying time
- Selectable low temperature cutoff
- Manual override capable
- Remote control and monitor capabilities
- Two year warranty



## DIGITAL SENSORS

Highest Accuracy!

- Used in conjunction with the GX 850 Dual Zone Automatic Control Panel
- Digital sensors with built-in micro-processor provide precise feedback regarding precipitation and temperature



## GX 850M Controller for Snow & Ice Melting

Optimize performance & minimize operating costs!

- User interface allows total control of snow melting system set points
- Set to maximum melting or maximum energy savings or anywhere in between
- Dual zone feature allows for energy savings and lower amperage requirements
- Digital sensors provide precise feedback on snow and ice conditions
- Fault finding program detects and alarms on faults
- Can be field upgraded to take advantage of new features
- Two year limited warranty



## ELECTRIC SNOW MELTING PANELS

Contactor & Timer Panels

The Danfoss Contactor and Timer Panels are primarily designed for snow and ice melting applications. All panels are pre-wired and UL listed complete with a NEMA 1 enclosure, wiring diagram, terminal connection block, timer (timer panels), and two or four 3 pole contactors. Timer panels can be used stand alone or in conjunction with an automatic controller. Contactor panels *must* be used in conjunction with an automatic controller.

- Low cost
- Simple installation
- NEMA 1, UL listed panel box
- Heat on-indicator light
- Pre-wired terminal connections
- Two year limited warranty



**OPTIONAL GFEP PROTECTION!**

**Contact Danfoss or your local representative for design or layout assistance.**

# Increase Value

## TYPICAL COST TO OPERATE

To estimate the typical cost to operate a Danfoss GX snow melting system you will need the following information:

- Area of driveway in square feet
- Watts per square foot
- Kilowatt-hour rate charge for your area
- Operational hours

### Example:

600 (sq/ft) X 37 (watts/sq. ft) = 22,200 watts

22,200 watts/1000 = 22.2 kilowatts

22.2 kilowatts/per operational hour X .08 (cost per kilowatt-hour) = \$1.78 per operational hour X 5 hours of operation = **\$8.88 (approximate cost per snowfall)**

## Benefits

Danfoss GX snow melting systems eliminate the need for snow plows, blowers and harsh chemicals that damage landscaping and the environment.

- **Improved Safety**
- **Environmental Conservation**
- **Surface Protection**
- **Convenience & Comfort**
- **Increase the resale value of your home or property**

## Warranty



Our GX components are crafted from durable materials such as PVC and reinforced fiberglass--withstanding the harshest conditions. In addition, we offer a twenty-year genuine warranty on all our GX mats/cables, and a two-year warranty on controls and sensors.