Typical Applications

Concrete

- Concrete slab
- Wire mesh
- Insulation (optional)
- Well-drained base

Paving Stones

- Pavers
- Sand
- Insulation (optional)
- Well-drained base

Asphalt

- Asphalt
- Sand
- Insulation (optional)
- Well-drained base

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 RX Roof De-Icing Kits
- Danfoss LX Self-Adhesive Mat
- Danfoss PX Trace Cable

Danfoss
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**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 microprocessor 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 warranty

**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.

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