

Quality for life

Flexible Electric Heating System

The system consists of thermostat controlled heating cables fitted below the floor surface. No custom orders, all adjustments can be carried out on-site.

Minimal thickness

Danfoss Electric floor Heating cable adds only 3/16" height to the floor.

Durable construction

The twin conductor cable matched with long-lasting materials, enables the Danfoss LX product to withstand the harshest conditions.

Single point connection

Easy connections to the thermostat save time and money thanks to twin conductors.

Safe & Reliable with Ground Fault (GFCI) protection. Cable is safety approved for wet locations.



Technical Data

CABLE CONSTRUCTION:

Twin Conductor

(No Electromagnetic fields (EMF))

HEIGHT: 3/6"

RATED VOLTAGE:

120V, 240V

RATED TEMPERATURE:

120°C

CONDUCTOR INSULATION:

Teflon™

OUTER SHEATH:

PVDF 120°C

WARRANTY:

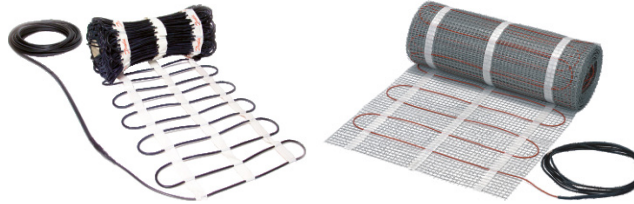
20 YEARS

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, snow melting, pipe tracing, and roof and gutter needs.



Danfoss PX trace cable



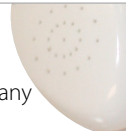
Danfoss GX Snow Melting Mat Danfoss LX Self-adhesive Mat



Great Tool!

Little Buzzer Continuity Alarm:

Monitor cable throughout installation & quickly identify if any damage occurs.



Danfoss

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

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ENGINEERING
TOMORROW

Danfoss

LX Electric Floor Heating Cables

Easy to install cables



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Danfoss LX Cable



- Flexible
- Easy to install
- Safe and reliable (controlled by a GFCI thermostat)
- Thin (3/16")
- Genuine 20 year warranty

120V

Order No.	Length of cable (ft)	Approx. heat coverage (sq.ft.)*	Amps	Watts (3W/ft)
088L3140	40	10	1.0	120
088L3141	60	15	1.5	180
088L3142	80	20	2.0	240
088L3143	120	30	3.0	360
088L3144	160	40	4.0	480
088L3145	200	50	5.0	600
088L3146	240	60	6.3	755
088L3147	280	70	7.2	865
088L3148	315	80	8.0	960

*Based on 3" spacing (standard), please refer to the installation manual for other available spacing options and details

240V

Order No.	Length of cable (ft)	Approx. heat coverage (sq.ft.)*	Amps	Watts (3W/ft)
088L3080	80	20	1.0	240
088L3081	120	30	1.5	360
088L3082	160	40	2.0	480
088L3083	200	50	2.5	600
088L3084	240	60	3.0	720
088L3085	280	70	3.5	840
088L3086	320	80	4.0	960
088L3087	360	90	4.5	1080
088L3088	400	100	5.0	1200
088L3089	440	110	5.5	1320
088L3090	480	120	6.0	1440
088L3091	570	140	7.1	1705
088L3092	630	160	8.0	1920

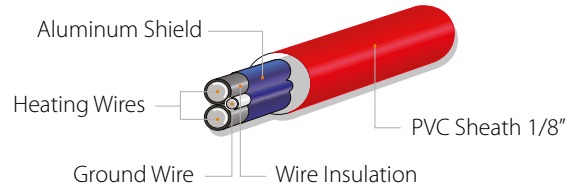
*Based on 3" spacing (standard), please refer to the installation manual for other available spacing options and details

Superior Comfort

Safe, quiet and maintenance free

Typical Applications

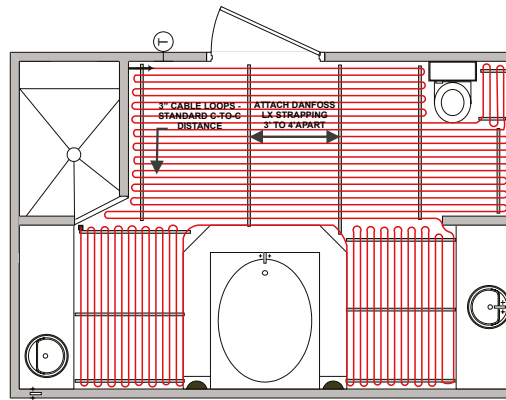
Floor heating of tiles, stone, or engineered wood floors for Bathrooms, Kitchens, Basements



Flexible Installation

For professional installer

Layout Example: Installation must be carried out according to your layout drawing, refer to installation manual for details.



1 Attach the Danfoss LX strapping to the subfloor (3'-4' apart)

2 Place the LX cable (3" loops- standard c-to-c distance)

3 Clip the LX cable in place

Standard cable strapping is supplied. Additional cable strapping can be ordered separately. 2" centers provides 18W/sq.ft. 3" centers provides 12W/sq.ft., 4" centers provides 9W/sq.ft.

Danfoss LX Thermostats

Thermostats sold separately. GFCI rated for Safety.

Part No.	Description	Sensor
088L5140	LX205T WIFI Touch Programmable	Floor & Air
088L5136	LX205T Touch Programmable	Floor & Air
088L5130	LX Programmable	Floor & Air
088L5137	LX205 Thermostat Non-Programmable	Floor & Air

- Simple to operate
- Fully programmable (optional)
- Sleek design
- 3.5" color screen with easy interactive touch control (LX205T only)
- Dual rated for 120V & 240V
- Includes Class-A GFCI for safety
- Two year warranty

Electric radiant heating,

radiates the heat from the floor for even, gentle warming of a room. It is ideal and safe solution to heat bathrooms, kitchens, entryways and utility rooms without blowing dust & debris around like a typical heating system. Danfoss electric floor heating mat systems combine the highest comfort levels with maximum energy efficiency.

New!



LX205T WIFI Touch Programmable



LX Power Module - makes it easy to connect more heating mats or cables to the same thermostat without the need for contactor panels.

Part No.	Description	Max. Amps
088L5135	Power Module with GFCI	15