

Available at www.GoodMart.com 877.402.6100

General Information



Danfoss LX heating cables are the main component of an electric radiant floor heating system designed to enhance the comfort of home or office space.

- Floor warming system suitable for tile, wood, stone, and concrete surfaces.
- Ideal for bathrooms, kitchens, laundry rooms, living areas, and work space, Danfoss LX provides an efficient means of comfort and room heating.
- Reduces the transmission of dust, allergens and other airborne particulate matter due to no forced air flow.
- Silent, efficient heating; lower operating cost than that of a forced air system.

LX Cable Specifications

Type:	Twin conductor
Voltage:	120V, 240V
Output:	3W/ft (10 W/m)
Heating Element Size:	40' (12.2 m) to 630' (192 m)
Cold Lead	10' (3.0 m)
Bending radius:	Minimum 3/4" (19 mm)
Cable Diameter:	1/8" (3.2 mm)
Wire insulation:	FEP, Teflon™
Casing:	PVC
Max. Allowable Temp.:	212°F (100°C)
Min. Installation Temp.:	50°F (10°C)
cCSA _{us} Designation:	DTIR

See power lead label for NEC connection color code.

LX Thermostat Specifications



Supply Voltage:	120, 240V @ 50/60Hz
Max. Load:	15A
Max. Power:	1,800W at 120V 3,600W at 240V
GFCI:	Class A (5mA trip level)
Ambient Temp. Range:	32°F (0°C) to 104°F (40°C)
Programmable Temp. Range:	41°F (5°C) to 104°F (40°C)
Dimensions (HxWxD):	4.65" x 2.90" x 1.90" (118 x 74 x 48 mm)





LX Thermostat Specifications (cont'd)

- Floor, Air, or Dual Sensors
- Factory Programming And Reset
- Grounded Neutral Detection
- 2 Relays
- 2 Adjustable Set Points
- 4-event Clock Mode, Comfort Override And Electronic Manual On/Off
- Fully Programmable

Product Numbers Cable

120V						
Part Number	Length (ft)	Approx. Heat Coverage † (sq.ft.)	Amps	Watts	Ohms	Color Code
088L3140	40	10	1.0	120	120	Blue
088L3141	60	15	1.5	180	80	Red
088L3142	80	20	2.0	240	60	Green
088L3143	120	30	3.0	360	40	Yellow
088L3144	160	40	4.0	480	30	Violet
088L3145	200	50	5.0	600	24	Orange
088L3146	240	60	6.0	750	20	Grey

240V					
Part Number	Length (ft)	Approx. Heat Coverage † (sq.ft.)	Amps	Watts	Ohms
088L3080	80	20	1.0	245	240
088L3081	120	30	1.5	365	160
088L3082	160	40	2.0	480	120
088L3083	200	50	2.5	605	96
088L3084	240	60	3.0	725	80
088L3085	280	70	3.5	840	69
088L3086	320	80	4.0	965	60
088L3087	360	90	4.5	1080	53
088L3088	400	100	5.0	1200	48
088L3089	440	110	5.5	1330	44
088L3090	480	120	6.0	1445	40
088L3091	570	140	7.1	1710	34
088L3092	630	160	8.0	1915	30

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

Thermostats

Part Number	Temp. Setting	Sensor
088L3030	Programmable	Floor
088L3031	Programmable	Air
088L3032	Programmable	Air*
088L3033	Manual	Floor
088L3034	Manual	Air

*with floor temperature limiter

Warranty

Cable: 10 year comprehensive extended warranty against defects in material, design, and workmanship.

Thermostat: 2 years

Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-866-676-8062**, or via the web at **www.DanfossLX.com**

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