

Data Sheet

LX Mat Electric Floor Heating



General Information



Danfoss LX DUAL ADHESIVE electric floor heating mats are an affordable luxury that brings warmth to life. It's a proven technology that's safe, reliable and energy efficient. The unique adhesive system saves 70% on installation time.

- Pre-applied heating cable
- Dual adhesive backing
- Single point connection
- Twin conductor cable
- Eliminates EMF's (Electromagnetic fields)
- Customize mat on the job site
- Safety approved for wet locations
- Genuine ten year non-prorated warranty

Technical Data

Mat Construction:	Thermoplastic polymer coated fiberglass self-adhesive backing
Cable Construction:	Twin conductor
Rated Voltage:	120V, 240V
Output:	12W/ sq. ft. (130W/m ²)
Heating Element Size:	5 ft. (1.5m) to 72.5 ft. (22m) long x 2 ft. (60cm) wide
Cold Lead:	10 ft. (3.0 m)
Bending Radius:	Minimum 3/4 inch (19 mm)
Cable Diameter:	3/16 inch (4.8 mm)
Conductor Insulation:	Teflon™ FEP
Outer Insulation:	PVC
Max. Temperature:	212°F (100°C)
Min. Installation Temp:	50°F (10°C)

See power lead label for NEC connection color code.

Ordering Information LX Mats 120V, 240V

Operating the 240V mat at 208V results in 9W/sq. ft. (97W/m²) power output.

The mat can be installed on top of plywood, concrete floor, cement board, insulation board, etc.

Part No.		Length (feet)	Area (sq. ft.)	Amps		Watts	Ohms	
120V	240V			120V	240V		120V	240V
088L3150	-	5.0	10	1.0	-	120	120	-
088L3151	-	7.5	15	1.5	-	180	77.8	-
088L3152	-	10.0	20	2.0	-	240	61.3	-
088L3153	-	12.5	25	2.5	-	300	48.0	-
088L3154	-	15.0	30	3.0	-	360	10.0	-
088L3155	088L3175	17.5	35	3.5	1.8	420	34.7	137.1
088L3156	088L3176	20.0	40	4.0	2.0	480	30.0	121.3
088L3158	088L3177	25.0	50	4.9	2.5	600	24.6	97.6
088L3160	088L3178	30.0	60	6.0	3.0	720	20.4	81.1
-	088L3179	35.0	70	-	3.5	850	-	69.8
-	088L3180	40.0	80	-	4.0	960	-	60.6
-	088L3181	45.0	90	-	4.5	1,080	-	54.1
-	088L3182	50.0	100	-	5.0	1,200	-	48.8
-	088L3183	55.0	110	-	5.5	1,320	-	44.3
-	088L3184	60.0	120	-	6.0	1,440	-	40.7
-	088L3185	72.5	145	-	7.3	1,740	-	32.6



Thermostats

Part No.	Description
088L5130	LX Programmable Thermostat with Floor Sensor
088L5132	LX Programmable Thermostat with Air Sensor (and Floor Temperature Limiter)
088L5133	LX Non-Programmable Thermostat with Floor Sensor

Accessories

Part No.	Description
088L3008	Replacement Floor Sensor for LX Thermostat
088L0014	LX Repair Kit (includes crimp connectors, repair wire, heat shrink tubes)
19809099	Sensor Conduit (8 feet)
088L0028	Little Buzzer - Continuity Alarm

Warranty

Genuine ten year comprehensive extended warranty against defects in material, design, and workmanship.

Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-866-676-8062**. More information on Danfoss Electric Heating products is available at **www.LX.Danfoss.com**.

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