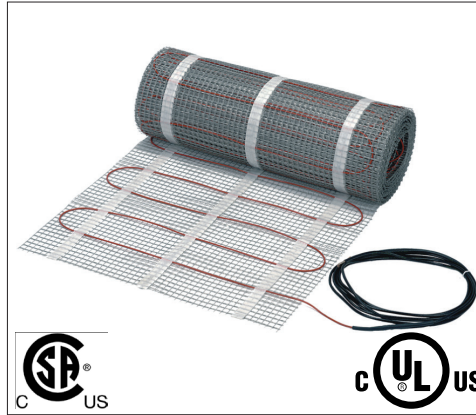


Data Sheet

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 twenty 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 | 840 | - | 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 | 1,750 | - | 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 twenty 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.

Danfoss can accept no responsibility for possible errors in catalogs, brochures, other printed materials, and website information. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alteration can be made without subsequent changes being necessary in specifications already agreed upon. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Danfoss
Toronto
Toll Free: 1-866-676-8062
Tel.: 905-285-2050
Fax: 905-285-2055
www.LX.Danfoss.com

Danfoss LX
BRINGING WARMTH TO LIFE