FHM

Floor Heating Cable on Mat

Features

Voltage
- 120V, 240/208V, 1-phase.

Cold lead length
- 10' (3 m).

Construction
- Heating cable made of a twin conductor fastened to an adhesive fibreglass mat for a simpler and faster installation with negligible magnetic field.

Watt density
- 12W/sq. ft. (130W/sq. m), 3" (76 mm) spacing.

Dimension
-   Mats of 18 in. (0.46 m) in width offered in several lengths.

Control
- Two types of control method possible (see instruction manual for details):
  - Surface heating control with electronic thermostat in floor mode (F) and temperature sensor.
  - Ambient heating control with electronic thermostat in ambient mode with floor limit (A or AF) and temperature sensor.

  Note: A ground fault circuit interrupter (GFCI) must be used with this heating device unless exempted by the applicable national and/or local electrical code for the area of installation.

Included materials
- 15' (4.6 m) floor sensor.
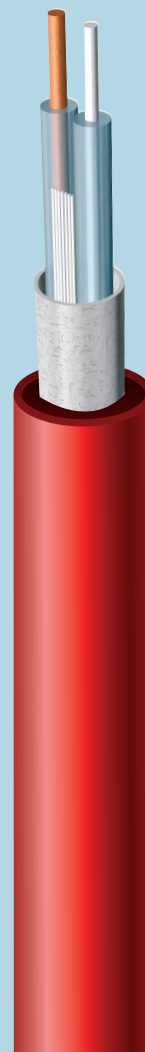- Measurements table label (to be placed in electrical panel).

Installation
- **Never cut or shorten the heating cable.**
- For indoor applications only.
- On concrete slab or plywood subfloor.

Warranty
- 25-year warranty on the heating cable.

Application
- Kitchen, bathroom, entrance way, family room, living room.

Models

Watts	Product # 240/208V	Product # 120V	Cable diameter (mm)	Covered surface[1] sq. ft.	Covered surface[1] sq. m	Length ft. in.	Length m	Weight lb	Weight kg
60	-	FHM120-60	3.2	5	0.5	3' 4"	0.9	2.0	0.9
120	FHM240-120	FHM120-120	3.2	10	0.9	6' 8"	1.8	2.0	0.9
180	-	FHM120-180	3.2	15	1.4	10'	3.0	3.0	1.4
240	FHM240-240	FHM120-240	3.2	20	1.9	13' 4"	4	3.0	1.4
300	-	FHM120-300	3.2	25	2.4	16' 8"	4.9	4.0	1.8
360	FHM240-360	FHM120-360	3.2	30	2.8	20'	6.1	4.0	1.8
420	-	FHM120-420	3.2	35	3.3	23' 4"	7	5.0	2.3
480	FHM240-480	FHM120-480	3.2	40	3.8	26' 8"	7.9	5.0	2.3
540	-	FHM120-540	3.2	45	4.2	30'	9.2	6.0	2.7
600	FHM240-600	FHM120-600	3.2	50	4.7	33' 4"	10.1	7.0	3.2
720	FHM240-720	FHM120-720	3.2	60	5.6	40'	12.2	7.0	3.2
840	FHM240-840	FHM120-840	3.2	70	6.5	46' 8"	14.0	9.0	4.1
960	FHM240-960	FHM120-960	3.2	80	7.4	53' 4"	16.2	10.0	4.5
1080	FHM240-1080	-	3.2	90	8.4	60'	18.3	11.0	5.0
1200	FHM240-1200	-	3.2	100	9.3	66' 8"	20.1	11.0	5.0
1440	FHM240-1440	-	3.2	120	11.2	80'	24.4	13.0	5.9

[1] Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding the fixtures and other spaces to consider.
208V = 75% of wattage at 240V.
15' (4.6 m) floor sensor and 10' (3 m) cold lead included.
The color of the mesh may be different.

Options

Product # Kit	Description
OTM-CC	CableCheck - Electrical fault indicator
OTM-SA	Adhesive spray to secure the mat on concrete slab, 16.75 oz (474 g)
KIT-SP1	Repair kit
KIT-CBL-SN	15 ft. (4.6 m) floor sensor