



**FHM**

## TECH-MAT 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

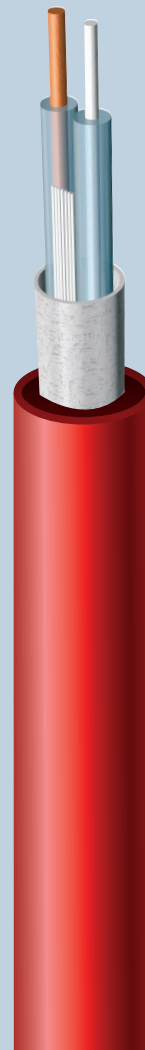
- Never cut or shorten the heating cable.
- For indoor applications only.
- On concrete slab or plywood subfloor.

#### Warranty

- 25-year warranty on the heating cable.

#### Application

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





### 120V Models

Watts	Product # 120V	Price	Amp.	Resistance Ohms	Covered surface <sup>1</sup> sq. ft.	Length of mat ft.	Width of mat ft.
60	FHM120-60		0.5	240	5	3.3	1.5
120	FHM120-120		1.0	120	10	6.7	1.5
180	FHM120-180		1.5	80	15	10.0	1.5
240	FHM120-240		2.0	60	20	13.3	1.5
300	FHM120-300		2.5	48	25	16.7	1.5
360	FHM120-360		3.0	40	30	20.0	1.5
420	FHM120-420		3.5	34	35	23.3	1.5
480	FHM120-480		4.0	30	40	26.7	1.5
540	FHM120-540		4.5	27	45	30.0	1.5
600	FHM120-600		5.0	24	50	33.3	1.5
720	FHM120-720		6.0	20	60	40.0	1.5
840	FHM120-840		7.0	17	70	46.7	1.5
960	FHM120-960		8.0	15	80	53.3	1.5

### 240/208V Models

Watts	Product # 240/208V	Price	Amp.	Resistance Ohms	Covered surface <sup>1</sup> sq. ft.	Length of mat ft.	Width of mat ft.
120	FHM240-120		0.5	480	10	6.7	1.5
240	FHM240-240		1.0	240	20	13.3	1.5
360	FHM240-360		1.5	160	30	20	1.5
480	FHM240-480		2.0	120	40	26.7	1.5
600	FHM240-600		2.5	96	50	33.3	1.5
720	FHM240-720		3.0	80	60	40	1.5
840	FHM240-840		3.5	69	70	46.7	1.5
960	FHM240-960		4.0	60	80	53.3	1.5
1080	FHM240-1080		4.5	53	90	60	1.5
1200	FHM240-1200		5.0	48	100	66.7	1.5
1440	FHM240-1440		6.0	40	120	80	1.5

<sup>1</sup> 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	Price	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