



### Description

FHMT is the safest, economical and easiest-to-install way to warm floors and provide years of lasting comfort.

The FHMT floor heating system includes a green heating cable attached to an adhesive-backed white fiberglass mesh that allows for simple roll-out installation without worrying about heating cable spacing.

### Features

- Single point connection, easy to install
- Twin conductor cable with screen, no measurable electromagnetic fields
- Various sizes of floor heating mats are designed to fit the heated area of any floor
- Compatibility with all standard subflooring materials, and its low 1/8" (3.5mm) profile, make it ideal for renovation projects.
- Safety approved for wet locations
- Durable construction
- 25-year limited warranty against manufacturing defects

### Mat specifications

Cable Construction	Twin conductor
Operating voltage	120V, 240V
Power output	12W/sqft (130W/m <sup>2</sup> )
Cable spacing	3" (76mm)
Cable diameter	1/8" (3.5mm)
Min. bending radius	25mm
Conductor insulation	Fluoropolymer
Outer insulation	PVC
Max. ambient temperature	80°F (28°C)
Min. installation temperature	40°F (5°C)
Cold lead	10ft (3m) length

### Recommended Thermostat Technical Information

Functions	On/Off control, digital display, 7-day programmable
Supply Voltage	120/240 V ±15%, 50/60 Hz
Max. switching current	16 Amp
Temperature control range	40 to 104°F (5 to 40°C)
Ambient range	32 to 104°F (0 to 40°C)
Floor temperature sensor	2-wire, 10-foot lead wire

Catalog number	Heated area sqft	Mat dimensions in.*ft.	Power output W	Current A	Resistance Ohms
120V, 12W/sqft, FHMT					
FHMT-010-1	10	20*6.1	120	1.0	120.0
FHMT-015-1	15	20*9.1	180	1.5	80.0
FHMT-020-1	20	20*12.2	240	2.0	60.0
FHMT-025-1	25	20*15.2	300	2.5	48.0
FHMT-030-1	30	20*18.3	360	3.0	40.0
FHMT-035-1	35	20*21.3	420	3.5	34.3
FHMT-040-1	40	20*24.4	480	4.0	30.0
FHMT-050-1	50	20*30.5	600	5.0	24.0
FHMT-060-1	60	20*36.6	720	6.0	20.0
FHMT-070-1	70	20*42.7	840	7.0	17.1
FHMT-080-1	80	20*48.8	960	8.0	15.0
FHMT-090-1	90	20*54.9	1080	9.0	13.3
FHMT-100-1	100	20*61.0	1200	10.0	12.0
240V, 12W/sqft, FHMT					
FHMT-020-2	20	20*12.2	240	1.0	240.0
FHMT-030-2	30	20*18.3	360	1.5	160.0
FHMT-040-2	40	20*24.4	480	2.0	120.0
FHMT-050-2	50	20*30.5	600	2.5	96.0
FHMT-060-2	60	20*36.6	720	3.0	80.0
FHMT-070-2	70	20*42.7	840	3.5	68.6
FHMT-080-2	80	20*48.8	960	4.0	60.0
FHMT-100-2	100	20*61.0	1200	5.0	48.0
FHMT-120-2	120	20*73.2	1440	6.0	40.0
FHMT-140-2	140	20*85.4	1680	7.0	34.2
FHMT-160-2	160	20*97.5	1920	8.0	30.0
FHMT-180-2	180	20*109.8	2160	9.0	26.6
FHMT-200-2	200	20*122	2400	10.0	24.0