



**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 3.6 mm 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	230V
Power output	100W/m <sup>2</sup> , 150W/m <sup>2</sup> , 200W/m <sup>2</sup>
Cable spacing	100mm
Cable diameter	3.6mm ± 1mm
Min. bending radius	25mm
Conductor insulation	XLPE/Rubber/Fluoropolymer
Outer insulation	PVC
Max. heating temperature	82°C
Min. installation temperature	5°C
Length of cold lead	2.25m

**Thermostat specifications**

Functions	On/Off control, digital display, 7-day programmable
Supply Voltage	230V, 50/60 Hz
Max. switching current	16 Amp
Temperature control range	5 to 40°C
Ambient range	0 to 40°C
Floor temperature sensor	2-wire, 3m length

Catalog number	Heated area m <sup>2</sup>	Mat dimensions m*m	Power output W	Current A	Resistance Ohms
<b>230V, 150W/m<sup>2</sup> FHMT</b>					
FHMT150-150-1.0	1.0	0.5*2	150	0.65	352.67
FHMT150-225-1.5	1.5	0.5*3	225	0.98	235.11
FHMT150-300-2.0	2.0	0.5*4	300	1.30	176.33
FHMT150-375-2.5	2.5	0.5*5	375	1.63	141.07
FHMT150-450-3.0	3.0	0.5*6	450	1.96	117.56
FHMT150-525-3.5	3.5	0.5*7	525	2.28	100.76
FHMT150-600-4.0	4.0	0.5*8	600	2.61	88.17
FHMT150-675-4.5	4.5	0.5*9	675	2.93	78.37
FHMT150-750-5.0	5.0	0.5*10	750	3.26	70.53
FHMT150-900-6.0	6.0	0.5*12	900	3.91	58.78
FHMT150-1050-7.0	7.0	0.5*14	1050	4.57	50.38
FHMT150-1200-8.0	8.0	0.5*16	1200	5.22	44.08
FHMT150-1350-9.0	9.0	0.5*18	1350	5.87	39.19
FHMT150-1500-10	10	0.5*20	1500	6.52	35.27
FHMT150-1800-12	12	0.5*24	1800	7.83	29.39
FHMT150-2250-15	15	0.5*30	2250	9.78	23.51
<b>230V, 200W/m<sup>2</sup> FHMT</b>					
FHMT200-200-1.0	1.0	0.5*2	200	0.87	264.50
FHMT200-300-1.5	1.5	0.5*3	300	1.30	176.33
FHMT200-400-2.0	2.0	0.5*4	400	1.74	132.25
FHMT200-500-2.5	2.5	0.5*5	500	2.17	105.80
FHMT200-600-3.0	3.0	0.5*6	600	2.61	88.17
FHMT200-700-3.5	3.5	0.5*7	700	3.04	75.57
FHMT200-800-4.0	4.0	0.5*8	800	3.48	66.13
FHMT200-900-4.5	4.5	0.5*9	900	3.91	58.78
FHMT200-1000-5.0	5.0	0.5*10	1000	4.35	52.90
FHMT200-1200-6.0	6.0	0.5*12	1200	5.22	44.08
FHMT200-1400-7.0	7.0	0.5*14	1400	6.09	37.79
FHMT200-1600-8.0	8.0	0.5*16	1600	6.96	33.06
FHMT200-1800-9.0	9.0	0.5*18	1800	7.83	29.39
FHMT200-2000-10	10	0.5*20	2000	8.70	26.45
FHMT200-2400-12	12	0.5*24	2400	10.43	22.04
FHMT200-3000-15	15	0.5*30	3000	13.04	17.63

Catalog number	Heated area m <sup>2</sup>	Mat dimensions m*m	Power output W	Current A	Resistance Ohms
230V, 100W/m <sup>2</sup> FHMT					
FHMT100-100-1.0	1.0	0.5*2	100	0.43	529.00
FHMT100-150-1.5	1.5	0.5*3	150	0.65	352.67
FHMT100-200-2.0	2.0	0.5*4	200	0.87	264.50
FHMT100-250-2.5	2.5	0.5*5	250	1.09	211.60
FHMT100-300-3.0	3.0	0.5*6	300	1.30	176.33
FHMT100-350-3.5	3.5	0.5*7	350	1.52	151.14
FHMT100-400-4.0	4.0	0.5*8	400	1.74	132.25
FHMT100-450-4.5	4.5	0.5*9	450	1.96	117.56
FHMT100-500-5.0	5.0	0.5*10	500	2.17	105.8
FHMT100-600-6.0	6.0	0.5*12	600	2.61	88.17
FHMT100-700-7.0	7.0	0.5*14	700	3.04	75.57
FHMT100-800-8.0	8.0	0.5*16	800	3.48	66.13
FHMT100-900-9.0	9.0	0.5*18	900	3.91	58.78
FHMT100-1000-10	10	0.5*20	1000	4.35	52.90
FHMT100-1200-12	12	0.5*24	1200	5.22	44.08
FHMT100-1500-15	15	0.5*30	1500	6.52	35.27