



### Description

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

The FHMS 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 conductor cable with screen
- 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 2.6 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	Single conductor
Operating voltage	230V
Power output	150W/m <sup>2</sup> , 200W/m <sup>2</sup>
Cable spacing	80mm
Cable diameter	2.6mm
Min. bending radius	25mm
Conductor insulation	Fluoropolymer
Outer insulation	PVC
Max. ambient temperature	30°C
Min. installation temperature	5°C
Cold lead	Two wires, 2.5m length each

### 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, 3.0m lead wire

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> FHMS</b>					
FHMS150-150-1.0	1.0	0.5*2	150	0.7	352.7
FHMS150-225-1.5	1.5	0.5*3	225	1.0	235.1
FHMS150-300-2.0	2.0	0.5*4	300	1.3	176.3
FHMS150-375-2.5	2.5	0.5*5	375	1.6	141.1
FHMS150-450-3.0	3.0	0.5*6	450	2.0	117.6
FHMS150-525-3.5	3.5	0.5*7	525	2.3	100.8
FHMS150-600-4.0	4.0	0.5*8	600	2.6	88.2
FHMS150-675-4.5	4.5	0.5*9	675	2.9	78.4
FHMS150-750-5.0	5.0	0.5*10	750	3.3	70.5
FHMS150-900-6.0	6.0	0.5*12	900	3.9	58.8
FHMS150-1050-7.0	7.0	0.5*14	1050	4.6	50.4
FHMS150-1200-8.0	8.0	0.5*16	1200	5.2	44.1
FHMS150-1350-9.0	9.0	0.5*18	1350	5.9	39.2
FHMS150-1500-10	10	0.5*20	1500	6.5	35.3
FHMS150-1800-12	12	0.5*24	1800	7.8	29.4
<b>230V, 200W/m<sup>2</sup> FHMS</b>					
FHMS200-200-1.0	1.0	0.5*2	200	0.9	264.5
FHMS200-300-1.5	1.5	0.5*3	300	1.3	176.3
FHMS200-400-2.0	2.0	0.5*4	400	1.7	132.3
FHMS200-500-2.5	2.5	0.5*5	500	2.2	105.8
FHMS200-600-3.0	3.0	0.5*6	600	2.6	88.2
FHMS200-700-3.5	3.5	0.5*7	700	3.0	75.6
FHMS200-800-4.0	4.0	0.5*8	800	3.5	66.1
FHMS200-900-4.5	4.5	0.5*9	900	3.9	58.8
FHMS200-1000-5.0	5.0	0.5*10	1000	4.3	52.9
FHMS200-1200-6.0	6.0	0.5*12	1200	5.2	44.1
FHMS200-1400-7.0	7.0	0.5*14	1400	6.1	37.8
FHMS200-1600-8.0	8.0	0.5*16	1600	7.0	33.1
FHMS200-1800-9.0	9.0	0.5*18	1800	7.8	29.4
FHMS200-2000-10	10	0.5*20	2000	8.7	26.5
FHMS200-2400-12	12	0.5*24	2400	10.4	22.0