



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 2.5 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 ²
Cable spacing	100mm
Cable diameter	2.5mm
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 ²	Mat dimensions m*m	Power output W	Current A	Resistance Ohms
230V, 150W/m² FHMS					
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
FHMS150-2250-15	15	0.5*30	2250	9.8	23.5
FHMS150-3000-20	20	0.5*40	3000	13.0	17.6