



### Description

The ALMT floor heating system includes a green heating cable covered between 2 glass fiber cloth based aluminum foils, that allows for simple roll-out installation without worrying about heating cable spacing. The aluminum foil mat is ultra thin, easy to install, rapidly heating, it can achieve the maximum floor heating effect with the minimum cost.

### Features

- Single point connection, easy to install
- Come with aluminum foil, rapid heating, good heat conduction
- Twin conductor cable
- Various sizes of floor heating mats are designed to fit the heated area of any floor
- Compatibility with all standard subflooring, materials, and its ultra thin mat, 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	1.7mm ± 0.2
Min. bending radius	10mm
Conductor insulation	Fluoropolymer/XLPE
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, wifi function
Supply Voltage	230V, 50/60 Hz
Max. switching current	16 Amp
Temperature control range	5 to 95°C
Ambient range	0 to 50°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> ALMT</b>					
ALMT150-150-1.0	1.0	0.5*2	150	0.65	352.67
ALMT150-225-1.5	1.5	0.5*3	225	0.98	235.11
ALMT150-300-2.0	2.0	0.5*4	300	1.30	176.33
ALMT150-375-2.5	2.5	0.5*5	375	1.63	141.07
ALMT150-450-3.0	3.0	0.5*6	450	1.96	117.56
ALMT150-525-3.5	3.5	0.5*7	525	2.28	100.76
ALMT150-600-4.0	4.0	0.5*8	600	2.61	88.17
ALMT150-675-4.5	4.5	0.5*9	675	2.93	78.37
ALMT150-750-5.0	5.0	0.5*10	750	3.26	70.53
ALMT150-900-6.0	6.0	0.5*12	900	3.91	58.78
ALMT150-1050-7.0	7.0	0.5*14	1050	4.57	50.38
ALMT150-1200-8.0	8.0	0.5*16	1200	5.22	44.08
ALMT150-1350-9.0	9.0	0.5*18	1350	5.87	39.19
ALMT150-1500-10	10	0.5*20	1500	6.52	35.27
ALMT150-1800-12	12	0.5*24	1800	7.83	29.39
ALMT150-2250-15	15	0.5*30	2250	9.78	23.51

<b>230V, 200W/m<sup>2</sup> ALMT</b>					
ALMT200-200-1.0	1.0	0.5*2	200	0.87	264.50
ALMT200-300-1.5	1.5	0.5*3	300	1.30	176.33
ALMT200-400-2.0	2.0	0.5*4	400	1.74	132.25
ALMT200-500-2.5	2.5	0.5*5	500	2.17	105.80
ALMT200-600-3.0	3.0	0.5*6	600	2.61	88.17
ALMT200-700-3.5	3.5	0.5*7	700	3.04	75.57
ALMT200-800-4.0	4.0	0.5*8	800	3.48	66.13
ALMT200-900-4.5	4.5	0.5*9	900	3.91	58.78
ALMT200-1000-5.0	5.0	0.5*10	1000	4.35	52.90
ALMT200-1200-6.0	6.0	0.5*12	1200	5.22	44.08
ALMT200-1400-7.0	7.0	0.5*14	1400	6.09	37.79
ALMT200-1600-8.0	8.0	0.5*16	1600	6.96	33.06
ALMT200-1800-9.0	9.0	0.5*18	1800	7.83	29.39
ALMT200-2000-10	10	0.5*20	2000	8.70	26.45
ALMT200-2400-12	12	0.5*24	2400	10.43	22.04
ALMT200-3000-15	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> ALMT					
ALMT100-100-1.0	1.0	0.5*2	100	0.43	529.00
ALMT100-150-1.5	1.5	0.5*3	150	0.65	352.67
ALMT100-200-2.0	2.0	0.5*4	200	0.87	264.50
ALMT100-250-2.5	2.5	0.5*5	250	1.09	211.60
ALMT100-300-3.0	3.0	0.5*6	300	1.30	176.33
ALMT100-350-3.5	3.5	0.5*7	350	1.52	151.14
ALMT100-400-4.0	4.0	0.5*8	400	1.74	132.25
ALMT100-450-4.5	4.5	0.5*9	450	1.96	117.56
ALMT100-500-5.0	5.0	0.5*10	500	2.17	105.8
ALMT100-600-6.0	6.0	0.5*12	600	2.61	88.17
ALMT100-700-7.0	7.0	0.5*14	700	3.04	75.57
ALMT100-800-8.0	8.0	0.5*16	800	3.48	66.13
ALMT100-900-9.0	9.0	0.5*18	900	3.91	58.78
ALMT100-1000-10	10	0.5*20	1000	4.35	52.90
ALMT100-1200-12	12	0.5*24	1200	5.22	44.08
ALMT100-1500-15	15	0.5*30	1500	6.52	35.27

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