



# Minimat

## Minimat Floor warming mat System



Combined the highest comfort levels with maximum energy efficiency. It's a proven technology that's safe, reliable and energy efficient.

- Single point connection
- Twin-conductor cable
- Emits zero EMF (electromagnetic fields)
- Safety approved for wet locations
- Flexible installation
- Durable construction.
- 25 years limited warranty

The Minimat Series floor warming system includes a heating cable woven into an adhesive-backed fiberglass mesh that allows for simple roll-out installation without worrying about heating cable spacing.

## AFMAT Specifications

Cable Construction:	Twin conductor		
Rated Voltage:	230V		
Output(standard):	100W/m <sup>2</sup> & 150W/m <sup>2</sup> ±10%	accept customize	
Cable spacing(standard):	112mm & 80mm & 80mm	accept customize	
Cable Diameter(standard):	3.6mm-4.2mm(1/7"-1/6" )	accept customize	
Conductor Insulation(standard):	Fluoropolymer	accept customize	
Outer Insulation(standard):	PVC	accept customize	
Max. Ambient Temp.:	85 °F (30 °C)		
Min. Installation Temp.:	40 °F (5 °C)		
Cold lead(standard):	2.5m length	accept customize	

1 Minimat series heating mat 2 Instruction manual 3 Warranty card 4 16mm plastic tube

## Ordering Information

230V Catalog Number	Heated Area		Mat Dimensions		Watts (100W/m <sup>2</sup> )	Amps	ohms
	m <sup>2</sup>	sq.ft.	m*m	in.*ft.			
MinimatD/100-100-1.0	1.0	10.8	0.5*2	20*6.5	100	0.4	529.0
MinimatD/100-150-1.5	1.5	16.1	0.5*3	20*9.7	150	0.7	352.7
MinimatD/100-200-2.0	2.0	21.5	0.5*4	20*12.9	200	0.9	264.5
MinimatD/100-250-2.5	2.5	26.9	0.5*5	20*16.1	250	1.1	211.6
MinimatD/100-300-3.0	3.0	32.3	0.5*6	20*19.4	300	1.3	176.3
MinimatD/100-350-3.5	3.5	37.7	0.5*7	20*22.6	350	1.5	151.1
MinimatD/100-400-4.0	4.0	43.1	0.5*8	20*25.8	400	1.7	132.3
MinimatD/100-450-4.5	4.5	48.4	0.5*9	20*29.1	450	2.0	117.6
MinimatD/100-500-5.0	5.0	53.8	0.5*10	20*32.3	500	2.2	105.8
MinimatD/100-600-6.0	6.0	64.6	0.5*12	20*38.8	600	2.6	88.2
MinimatD/100-700-7.0	7.0	75.3	0.5*14	20*45.2	700	3.0	75.6



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MinimatD/100-800-8.0	8.0	86.1	0.5*16	20*51.7	800	3.5	66.1
MinimatD/100-900-9.0	9.0	96.9	0.5*18	20*58.1	900	3.9	58.8
MinimatD/100-1000-10	10	107.6	0.5*20	20*64.6	1000	4.3	52.9
MinimatD/100-1200-12	12	129.2	0.5*24	20*77.5	1200	5.2	44.1

230V Catalog Number	Heated Area		Mat Dimensions		Watts (150W/m <sup>2</sup> )	Amps	ohms
	m <sup>2</sup>	sq.ft.	m*m	in.*ft.			
MinimatD/150-150-1.0	1.0	10.8	0.5*2	20*6.5	150	0.7	352.7
MinimatD/150-225-1.5	1.5	16.1	0.5*3	20*9.7	225	1.0	235.1
MinimatD/150-300-2.0	2.0	21.5	0.5*4	20*12.9	300	1.3	176.3
MinimatD/150-375-2.5	2.5	26.9	0.5*5	20*16.1	375	1.6	141.1
MinimatD/150-450-3.0	3.0	32.3	0.5*6	20*19.4	450	2.0	117.6
MinimatD/150-525-3.5	3.5	37.7	0.5*7	20*22.6	525	2.3	100.8
MinimatD/150-600-4.0	4.0	43.1	0.5*8	20*25.8	600	2.6	88.2
MinimatD/150-675-4.5	4.5	48.4	0.5*9	20*29.1	675	2.9	78.4
MinimatD/150-750-5.0	5.0	53.8	0.5*10	20*32.3	750	3.3	70.5
MinimatD/150-900-6.0	6.0	64.6	0.5*12	20*38.8	900	3.9	58.8
MinimatD/150-1050-7.0	7.0	75.3	0.5*14	20*45.2	1050	4.6	50.4
MinimatD/150-1200-8.0	8.0	86.1	0.5*16	20*51.7	1200	5.2	44.1
MinimatD/150-1350-9.0	9.0	96.9	0.5*18	20*58.1	1350	5.9	39.2
MinimatD/150-1500-10	10	107.6	0.5*20	20*64.6	1500	6.5	35.3
MinimatD/150-1800-12	12	129.2	0.5*24	20*77.5	1800	7.8	29.4