

Data Sheet

General Information

Electric Floor Heating



FC-2 Electric Floor Heating Cable Systems

combine 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

WarmCable Specifications

Cable Construction:	Twin conductor
Rated Voltage:	120V,240V
Output:	3W/ft (9.84W/m) $\pm 10\%$
Heating Element Size:	40' (12.2 m) to 800' (243.8 m)
Bending radius:	1" (25.4mm)
Cable Diameter:	1/8"-1/6" (3.2mm-4.2mm)
Conductor Insulation:	fluoropolymer
Outer Insulation:	fluoropolymer or PVC
Max. Ambient Temp.:	85°F (30°C)
Min. Installation Temp.:	40°F (5°C)
Cold lead	2-wire 16 AWG plus ground braid; 10ft (3m) length

Thermostat Specifications

Functions:	On/Off control, digital display, 7-day programmable
Supply Voltage :	120/240 V $\pm 15\%$, 50/60 Hz
Maximum switching current :	16 Amp
Temperature control range :	40 to 104°F (5 to 40°C)
Ambient range :	32 to 104°F (0 to 40°C)
Floor temperature sensor :	2-wire, 10-foot lead wire

Kit Contents



- 1 Electric Floor Heating (with 10-foot cold lead)
- 2 thermostat
- 3 Floor temperature sensor

Ordering Information

120V	Length		Approximate heat coverage (sq.ft.)			Watts (3W/ft.)	Amps	ohms
Catalog Number	ft.	m	2" spacing	Standard 3" spacing	4" spacing			
0120-1	40	12.2	5	10	15	120	1.0	120.0
0180-1	60	18.3	10	15	20	180	1.5	80.0
0240-1	80	24.4	15	20	25	240	2.0	60.0
0300-1	100	30.5	18	25	35	300	2.5	48.0
0360-1	120	36.6	20	30	40	360	3.0	40.0
0420-1	140	42.7	23	35	50	420	3.5	34.3
0480-1	160	48.8	25	40	55	480	4.0	30.0
0540-1	180	54.9	30	45	60	540	4.5	26.7
0600-1	200	61.0	35	50	65	600	5.0	24.0
0720-1	240	73.2	40	60	80	720	6.0	20.0
0840-1	280	85.3	45	70	95	840	7.0	17.1
0960-1	320	97.5	55	80	105	960	8.0	15.0
1080-1	360	109.7	60	90	120	1080	9.0	13.3
1200-1	400	121.9	65	100	135	1200	10.0	12.0

240V	Length		Approximate heat coverage (sq.ft.)			Watts (3W/ft.)	Amps	ohms
Catalog Number	ft.	m	2" spacing	Standard 3" spacing	4" spacing			
0240-2	80	24.4	15	20	25	240	1.0	240.0
0360-2	120	36.6	20	30	40	360	1.5	160.0
0480-2	160	48.8	25	40	55	480	2.0	120.0
0600-2	200	61.0	35	50	65	600	2.5	96.0
0720-2	240	73.2	40	60	80	720	3.0	80.0
0840-2	280	85.3	45	70	95	840	3.5	68.6
0960-2	320	97.5	55	80	105	960	4.0	60.0
1080-2	360	109.7	60	90	120	1080	4.5	53.3
1200-2	400	121.9	65	100	135	1200	5.0	48.0
1320-2	440	134.1	75	110	145	1320	5.5	43.6
1440-2	480	146.3	80	120	160	1440	6.0	40.0
1680-2	560	170.7	95	140	190	1680	7.0	34.3
1920-2	640	195.1	105	160	210	1920	8.0	30.0
2160-2	720	219.5	120	180	240	2160	9.0	26.7
2400-2	800	243.8	135	200	265	2400	10.0	24.0

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We reserves the right to alter its products without notice. This also applies to products already on order provided that such alteration can be made without subsequent changes being necessary in specifications already agreed upon.