

OWF-R

Floor Heating Cable for Installation with Strapping



Features

Voltage

- 120V, 240/208V, 1-phase.

Cold lead length

- 10' (3 m).

Construction

- Heating cable made of a twin conductor for a simpler and faster installation, with negligible magnetic field.

Watt density

- 12W/sq. ft. (130W/sq. m), 3" (76 mm) spacing.
- 9W/sq. ft. (100W/sq. m), 4" (102 mm) spacing.

Included materials

- Plastic strapping.
- 15' (4.6 m) floor sensor.
- Measurements table label (to be placed in electrical panel).

Installation

- **Never cut or shorten the heating cable.**
- For indoor applications only.
- On concrete slab or plywood subfloor.

Control

- Two types of control method possible (see instruction manual for details):
 - Surface heating control with electronic thermostat in floor mode (F) and temperature sensor.
 - Ambient heating control with electronic thermostat in ambient mode with floor limit (A or AF) and temperature sensor.

Note: A ground fault circuit interrupter (GFCI) must be used with this heating device unless exempted by the applicable national and/or local electrical code for the area of installation.

Warranty

- 25-year warranty on the heating cable.

Application

- Kitchen, bathroom, entrance way, family room, living room.

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Models

Watts	Product # Strapping included ¹ 240/208V	Product # Strapping included ¹ 120V	Cable Diameter (mm)	Covered Surface Depending on Spacing ²				Cable length		Strapping length included (ft.)	Weight	
				3" (76 mm)		4" (102 mm)		ft.	m		lb	kg
				12W/sq. ft.	130W/sq. m	9W/sq. ft.	100W/sq. m					
85	-	OWF-R0082	3.0	8	0.7	11	1.0	32	9.75	25	1.47	0.67
120	-	OWF-R0122	3.2	10	0.9	13	1.2	40	12.19	25	1.54	0.70
150	-	OWF-R0152	3.0	13	1.2	17	1.6	53	16.15	25	1.65	0.75
170	OWF-R0170	OWF-R0172	3.2	15	1.4	20	1.9	61	18.59	25	1.77	0.80
240	OWF-R0240	OWF-R0242	3.2	20	1.9	27	2.5	80	24.38	25	1.98	0.90
300	OWF-R0300	OWF-R0302	3.3	25	2.3	33	3.1	101	30.78	25	2.43	1.10
360	OWF-R0360	OWF-R0362	3.2	30	2.8	40	3.7	120	36.58	50	2.65	1.20
420	OWF-R0420	OWF-R0422	3.2	35	3.3	47	4.3	141	42.98	50	2.87	1.30
475	OWF-R0475	OWF-R0472	3.3	40	3.7	53	5.0	160	48.76	50	3.31	1.50
600	OWF-R0600	OWF-R0602	3.2	50	4.6	67	6.2	200	60.96	50	3.75	1.70
720	OWF-R0720	OWF-R0722	3.2	60	5.6	80	7.4	240	73.15	75	4.41	2.00
840	OWF-R0840	OWF-R0842	3.3	70	6.5	93	8.7	280	85.34	75	5.51	2.50
960	OWF-R0960	OWF-R0962	3.4	80	7.4	107	9.9	320	97.54	75	6.61	3.00
1080	OWF-R1080	-	3.5	90	8.4	120	11.2	360	109.73	100	6.87	3.12
1140	-	OWF-R1142	3.7	95	8.8	127	11.7	380	115.82	100	9.08	4.12
1200	OWF-R1200	-	3.1	100	9.3	133	12.4	400	121.92	100	7.17	3.25
1320	-	OWF-R1322	3.9	110	10.2	147	13.6	440	134.11	100	12.35	5.60
1440	OWF-R1440	-	3.2	120	11.1	160	14.9	480	146.30	100	8.27	3.75
1450	-	OWF-R1452	4.0	120	11.1	160	14.8	480	146.30	100	12.68	5.75
1500	-	OWF-R1502	4.1	125	11.6	167	15.5	500	152.40	125	13.49	6.12
1600	OWF-R1600	-	3.3	140	13.0	187	17.4	560	170.69	125	9.92	4.50
1920	OWF-R1920	-	3.5	160	14.9	213	19.8	640	195.07	125	11.57	5.25
2280	OWF-R2280	-	3.7	190	17.7	253	23.6	760	231.64	150	15.98	7.25
2640	OWF-R2640	-	3.9	220	20.4	293	27.2	880	268.22	200	20.39	9.50
2900	OWF-R2900	-	4.0	242	22.5	323	30.0	968	295.04	200	24.25	11.00
3000	OWF-R3000	-	4.4	250	23.2	333	30.9	1000	304.80	200	26.08	11.83

¹ Strapping included. The length of plastic strapping included is based on a square room with strapping every 24" (610 mm).

² Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding fixtures and other spaces to consider.

208V = 75% of wattage at 240V.

15' (4.6 m) floor sensor and 10' (3 m) cold lead included.

Options

Product # Kit	Description
OTM-CC	CableCheck - Electrical fault indicator
KIT-OTM-FIX	Repair kit
KIT-OWF-G25-P	25 ft. (2.3 m) plastic strapping
KIT-OWF-S	15 ft. (4.6 m) floor sensor