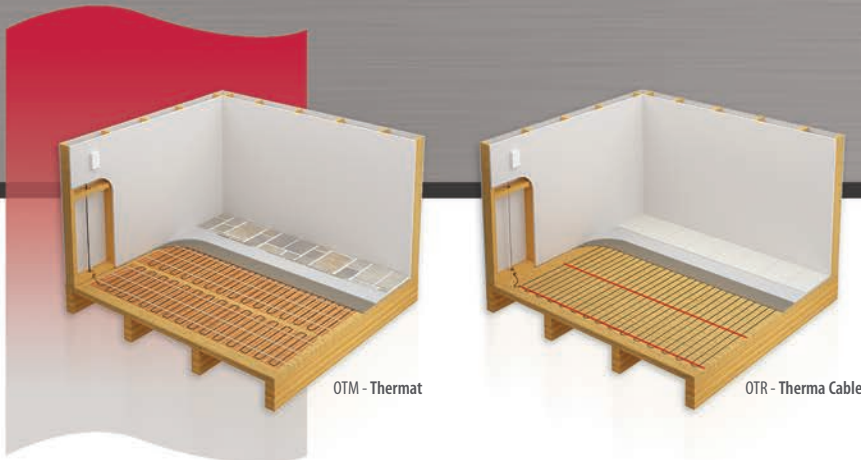


OTM, OTR Thermat and Therma Cable Floor Heating Systems



Training available online www.ouellet.com (Thermat)

Features

Voltage

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

Cold lead length

- 13' 6" (4.2 m).

Control

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

- See control options on pages 26 and 27.

Included materials

- 15' (4.6 m) temperature 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.

Warranty

- 25-year warranty on heating cable.

Application

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

OTM Features

Construction

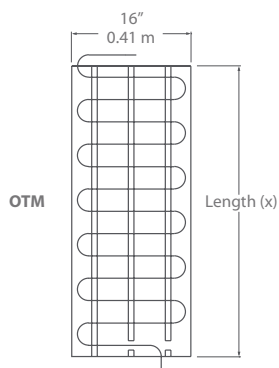
- Heating cable made of a twin conductor fastened to an adhesive fibreglass mat for a simpler and faster installation with negligible magnetic field.

Watt density

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

Dimension

- Mats of 16 in. (0.41 m) in width offered in several lengths.



OTR Features

Construction

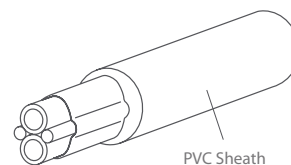
- Heating cable made of a twin conductor for a simpler and faster installation, with negligible magnetic field.

Watt density

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

Installation

- Plastic strapping included [3" (76 mm) and 4" (102 mm) spacing].
- Galvanized strapping sold separately [3" (76 mm) and 4" (102 mm) spacing].



OTM Thermat Floor Heating System

Models

Watts	Product # 240/208V	Cable Diameter (mm)	Product # 120V	Cable Diameter (mm)	Covered Surface ² Spacing 3" (76 mm)		Length (x)		Weight	
					sq. ft.	sq. m	ft.	m	lb	kg
85	-	-	OTM0082	4.196	8	0.7	6'	1.8	2.0	0.9
120	-	-	OTM0122	4.504	10	0.9	7'6"	2.3	2.0	0.9
150	-	-	OTM0152	4.306	13	1.2	10'	3.0	3.0	1.4
170	OTM0170	4.196	OTM0172	4.240	15	1.4	11'6"	3.5	3.0	1.4
240	OTM0240	4.504	OTM0242	4.174	20	1.9	15'	4.6	3.0	1.4
300	OTM0300	4.306	OTM0302	4.196	25	2.3	19'	5.8	3.0	1.4
360	OTM0360	4.240	OTM0362	4.064	30	2.8	22'6"	6.9	4.0	1.8
420	OTM0420	4.394	OTM0422	4.196	35	3.3	26'6"	8.1	5.0	2.3
475	OTM0475	4.174	OTM0472	4.306	40	3.7	30'	9.1	5.0	2.3
600	OTM0600	4.196	OTM0602	4.042	50	4.6	37'6"	11.4	7.0	3.2
720	OTM0720	4.064	OTM0722	4.174	60	5.6	45'	13.7	7.0	3.2
840	OTM0840	4.196	OTM0842	4.328	70	6.5	52'6"	16.0	9.0	4.1
960	OTM0960	4.306	OTM0962	4.482	80	7.4	60'	18.3	10.0	4.5
1080	OTM1080	4.438	-	-	90	8.4	67'6"	20.6	11.0	5.0
1140	-	-	OTM1142	4.536	95	8.83	71'4"	21.7	11.25	5.1
1200	OTM1200	4.042	-	-	100	9.3	75'	22.9	12.8	5.8
1320	-	-	OTM1322	4.714	110	10.22	82'6"	25.1	15.0	6.8
1440	OTM1440	4.174	-	-	120	11.1	90'	27.4	13.0	5.9
1500	-	-	OTM1502	4.982	125	11.61	93'10"	28.6	19.0	8.6
1600	OTM1600	4.328	-	-	140	13.0	105'	32.0	16.0	7.3
1680	-	-	OTM1682	5.294	140	13.01	105'	32.0	20.5	9.3
1920	OTM1920	4.482	-	-	160	14.9	120'	36.6	21.9	9.9
2280	OTM2280	4.536	-	-	190	17.65	142'6"	43.4	22.5	10.2
2640	OTM2640	4.714	-	-	220	20.44	165'	50.3	30.0	13.6
3000	OTM3000	4.982	-	-	250	23.23	187'6"	57.2	38.0	17.3
3360	OTM3360	5.294	-	-	280	26.01	210'	64.0	41.0	18.6

OTR Therma Cable Floor Heating System

Models

Watts	Product # ¹ 240/208V	Cable Diameter (mm)	Product # ¹ 120V	Cable Diameter (mm)	Covered Surface ² Spacing 3" (76 mm)		Covered Surface ² Spacing 4" (102 mm)		Length (x)		Weight	
					12W/sq. ft. 130W/sq. m	9W/sq. ft. 100W/sq. m	ft.	m	lb	kg		
85	-	-	OTR0082-G25	4.196	8	0.7	11	1.0	32	9.75	3.5	1.6
120	-	-	OTR0122-G25	4.504	10	0.9	13	1.2	40	12.19	3.5	1.6
150	-	-	OTR0152-G25	4.306	13	1.2	17	1.6	52	15.85	4.2	1.9
170	OTR0170-G25	4.196	OTR0172-G25	4.240	15	1.4	20	1.9	60	18.29	3.9	1.8
240	OTR0240-G25	4.504	OTR0242-G25	4.174	20	1.9	27	2.5	80	24.38	4.2	1.9
300	OTR0300-G25	4.306	OTR0302-G25	4.196	25	2.3	33	3.1	100	30.48	4.5	2.0
360	OTR0360-G50	4.240	OTR0362-G50	4.064	30	2.8	40	3.7	120	36.58	5.5	2.5
420	OTR0420-G50	4.394	OTR0422-G50	4.196	35	3.3	47	4.3	140	42.67	5.7	2.6
475	OTR0475-G50	4.174	OTR0472-G50	4.306	40	3.7	53	5.0	160	48.77	6.2	2.8
600	OTR0600-G75	4.196	OTR0602-G75	4.042	50	4.6	67	6.2	200	60.96	7.6	3.4
720	OTR0720-G75	4.064	OTR0722-G75	4.174	60	5.6	80	7.4	240	73.15	8.4	3.8
840	OTR0840-G75	4.196	OTR0842-G75	4.328	70	6.5	93	8.7	280	85.34	8.5	3.8
960	OTR0960-G75	4.306	OTR0962-G75	4.482	80	7.4	107	9.9	320	97.54	9.5	4.3
1080	OTR1080-G100	4.438	-	-	90	8.4	120	11.2	360	109.73	10.6	4.8
1200	OTR1200-G100	4.042	-	-	100	9.3	133	12.4	400	121.92	11.5	5.2
1440	OTR1440-G125	4.174	-	-	120	11.2	160	14.9	480	146.30	12.7	5.8
1600	OTR1600-G125	4.328	-	-	140	13.0	187	17.4	560	170.69	14.7	6.6
1920	OTR1920-G150	4.482	-	-	160	14.8	213	19.8	640	195.07	17.0	7.7

¹ Strapping included. The length of plastic strapping included is based on a square room with strapping every 24" (610 mm). Example: OTR0170-G25 includes 25 ft. of plastic strapping.

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 13' 6" (4.2 m) cold lead included.

OTM and OTR Options

Product #	Description	Factory Installed	Kit
OTM-CC	CableCheck - Electrical fault indicator	-	✓
OTM-KIT	Repair kit	-	✓
OTM-SA	Adhesive spray to secure the mat on concrete slab, 16.75 oz (474 g)	-	✓
OTR-G25-G	25 ft. galvanized strapping	-	✓
OTR-G25-P2	25 ft. plastic strapping for products	-	✓
OTR-S	15 ft. (4.6 m) floor sensor	-	✓