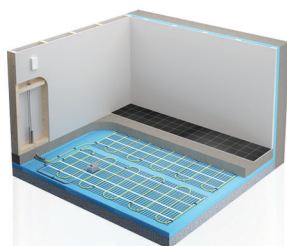


OWC-M

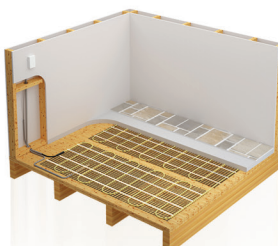
OWC-R

Heating Cable for Concrete on Mat

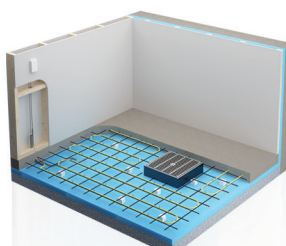
Heating Cable for Concrete in Reel



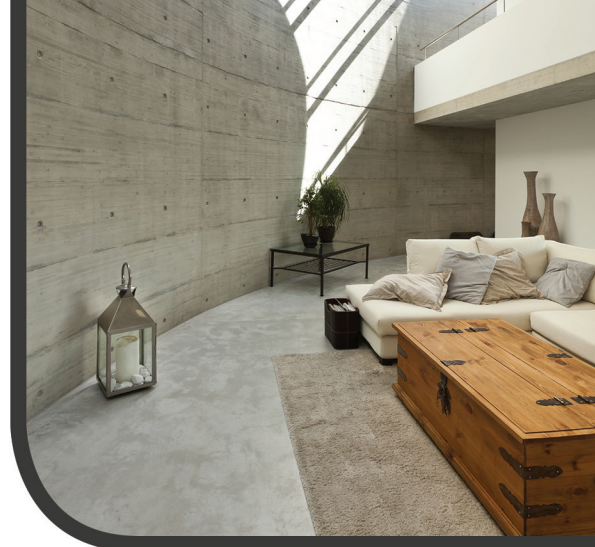
OWC-M:
Installation under a
4" to 6" concrete slab



OWC-M:
Installation under a
1.5" to 4" concrete topping



OWC-R:
Installation on a
metallic structure
or wire mesh



Training available online www.ouellet.com



Features

Cold lead length

- 8' 2" (2.5 m) cold lead included.

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.

Included materials

- 15' (4.6 m) temperature sensor.
- Electrical fault indicator (OTM-CC).
- Measurements table label (to be placed in electrical panel).

Installation

- Never cut or shorten the heating cable.
- For indoor applications only, residential or commercial.
- Installs under a 4" to 6" (10 cm to 15 cm) concrete slab or under a 1.5" to 4" concrete topping (4 cm to 10 cm).

Note: It's highly recommended to insulate the concrete slab in order to avoid heat loss from below (see instruction manual for all installation details).

- Compatible with most floor coverings (check with the dealer or manufacturer).

Warranty

- 20-year warranty on the heating cable.

Application

- Basement, garage, bathroom, kitchen, family room, workshop, pool, shower, entrance way, hospital, hotel, factory, business, restaurant, sunroom, greenhouse, buildings used for housing animals.

OWC-M Features

Voltage

- 240/208V, 347V, 1-phase.

Construction

- Twin conductor heating cable attached to a plastic mat with negligible magnetic field.

Watt density

- 11W/sq. ft. (120W/sq. m), factory installed on mat at 6" (15 cm) spacing.

Dimension

- 24" (0.6 m) wide mat available in several lengths.

Included materials

- Plastic floor fasteners (KIT-OW-CLP).

Installation

- Installation with or without metallic structure for reinforced concrete.

OWC-R Features

Voltage

- 240/208V, 1-phase.

Construction

- Twin conductor heating cable with negligible magnetic field.

Watt density

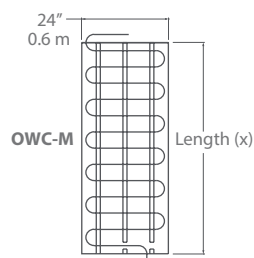
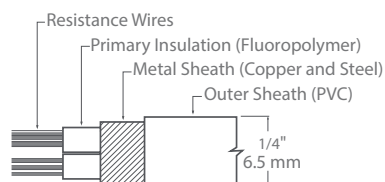
- 11W/sq. ft. (120W/sq. m), recommended installation – 6" (15 cm) spacing.

Included materials

- Plastic tie-wraps (KIT-OW-TYW).

Installation

- Requires a metallic structure or wire mesh for reinforced concrete with spacing of 6" (15 cm) for the installation.



OWC-M Models

Watts	Product # 240/208V	Product # 347V	Covered Surface ¹		Length (x)		Weight	
			sq. ft.	sq. m	ft. in.	m	lb	kg
150	OWC-M0150	-	14.0	1.3	6' 5"	1.9	3.0	1.4
200	OWC-M0200	-	19.0	1.7	8' 4"	2.5	3.7	1.7
300	OWC-M0300	-	28.0	2.6	12' 6"	3.8	4.0	1.8
400	OWC-M0400	-	38.0	3.5	16' 8"	5.1	4.5	2.0
500	OWC-M0500	-	46.5	4.3	20' 10"	6.4	5.0	2.3
600	OWC-M0600	-	56.0	5.2	25'	7.6	6.0	2.7
700	OWC-M0700	-	65.5	6.1	29' 2"	8.9	7.0	3.1
850	OWC-M0850	-	80.0	7.4	35' 5"	10.8	8.0	3.6
950	OWC-M0950	-	89.0	8.3	39' 7"	12.1	9.0	4.0
1100	OWC-M1100	-	103.0	9.6	45' 10"	14.0	10.0	4.5
1200	OWC-M1200	-	113.0	10.5	50'	15.2	11.0	5.0
1300	OWC-M1300	-	121.5	11.3	54' 2"	16.5	12.0	5.4
1400	OWC-M-1400	-	130.5	12.1	58' 4"	17.8	13.0	6.0
1500	OWC-M1500	-	140.5	13.1	62' 6"	19.1	14.0	6.4
1600	OWC-M1600	-	149.5	13.9	66' 8"	20.3	15.0	6.8
1700	OWC-M1700	-	159.0	14.8	70' 10"	21.6	16.0	7.2
1850	OWC-M1850	-	172.5	16.0	77' 1"	23.5	17.0	7.8
2000	OWC-M2000	OWC-M2007	187.5	17.4	83' 4"	25.4	18.0	8.1
2200	OWC-M2200	-	206.0	19.1	91' 6"	27.9	21.0	9.5
2400	OWC-M2400	OWC-M2407	225.0	20.9	100'	30.5	23.0	10.4
2550	OWC-M2550	-	239.0	22.2	106' 6"	32.5	25.0	11.3
2700	OWC-M2700	OWC-M2707	253.0	23.5	112' 6"	34.3	28.0	12.7
2850	OWC-M2850	-	267.0	24.8	119'	36.3	30.0	13.6
3000	OWC-M3000	OWC-M3007	281.0	26.1	125'	38.1	32.0	14.5
3200	OWC-M3200	-	300.0	27.9	133' 6"	40.7	34.0	15.4
3400	OWC-M3400	OWC-M3407	318.5	29.6	141' 8"	43.2	36.0	16.3
3600	OWC-M3600	-	336.0	31.2	150'	45.7	38.0	17.2
3700	OWC-M3700 ²	OWC-M3707	346.5	32.2	154' 2"	47.0	39.0	17.7
4000	OWC-M4000 ²	OWC-M4007	375.0	34.8	166' 8"	50.8	42.0	19.0

¹ Does not represent the room surface but rather the area covered by the cable mat including 3" (7.5 cm) spacing between the mat strips but excluding fixed elements to be bypassed and any other required clearances.

² Not compatible with a floor heating thermostat rated for 15A and less. Requires relay with low voltage thermostat.
208V = 75% of wattage at 240V.

OWC-R Models

Watts	Product # 240/208V	Covered Surface ³ Spacing 6" (15 cm)		Cable Length		Weight	
		sq. ft.	sq. m	ft.	m	lb	kg
300	OWC-R0300	28.0	2.6	56	17.07	4.0	1.8
500	OWC-R0500	46.5	4.3	93	28.35	5.0	2.3
700	OWC-R0700	62.5	5.8	125	38.10	7.0	3.1
950	OWC-R0950	88.0	8.2	176	53.64	9.0	4.0
1300	OWC-R1300	125.0	11.6	250	76.20	12.0	5.4
1700	OWC-R1700	156.0	14.5	312	95.10	16.0	7.2
2000	OWC-R2000	187.0	17.4	374	114.00	18.0	8.1
2400	OWC-R2400	218.5	20.3	437	133.20	23.0	10.4
3000	OWC-R3000	279.5	26.0	559	170.38	32.0	14.5
3400	OWC-R3400	312.5	29.03	625	190.50	36.0	16.3
3700	OWC-R3700 ⁴	341.0	31.7	682	207.87	39.0	17.7
4000	OWC-R4000 ⁴	372.5	34.6	745	227.08	42.0	19.0

³ Does not represent the room surface but rather the area covered by the cable while leaving a 6" (15 cm) spacing between cables and excluding fixed elements to be bypassed and any other clearance required.

⁴ Not compatible with a floor heating thermostat rated for 15A and less. Requires relay with low voltage thermostat.
208V = 75% of wattage at 240V.

OWC-M and OWC-R Options

Product # Kit	Description
OTM-CC	CableCheck - Electrical fault indicator
KIT-OW-CLP	Bag of 50 plastic floor fasteners for heating cable on mat
KIT-OW-FIX	Repair kit for concrete heating cables
KIT-OW-TYW	Bag of 100 plastic tie-wraps for heating cable in reel
OWC-1SSR-XXX ¹	GFCI control panel with 1 pair of SSR relays and 24V control transformer
OWC-2SSR-XXX ¹	GFCI control panel with 2 pairs of SSR relays and 24V control transformer
OWC-3SSR-XXX ¹	GFCI control panel with 3 pairs of SSR relays and 24V control transformer
OWC-4SSR-XXX ¹	GFCI control panel with 4 pairs of SSR relays and 24V control transformer
OWC-5SSR-XXX ¹	GFCI control panel with 5 pairs of SSR relays and 24V control transformer
OWC-6SSR-XXX ¹	GFCI control panel with 6 pairs of SSR relays and 24V control transformer
OWC-12SSR-XXX ¹	GFCI control panel with 12 pairs of SSR relays and 24V control transformer

¹ XXX = 208, 240, 347 Volts.