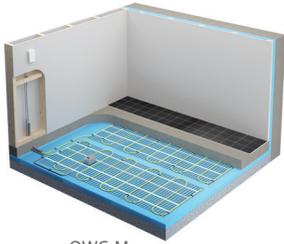


# OWC-M

# OWC-R

Heating Cable for Concrete on Mat

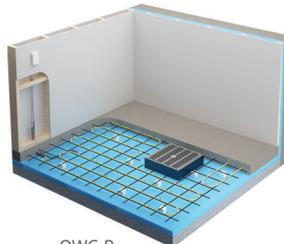
Heating Cable for Concrete in Reel



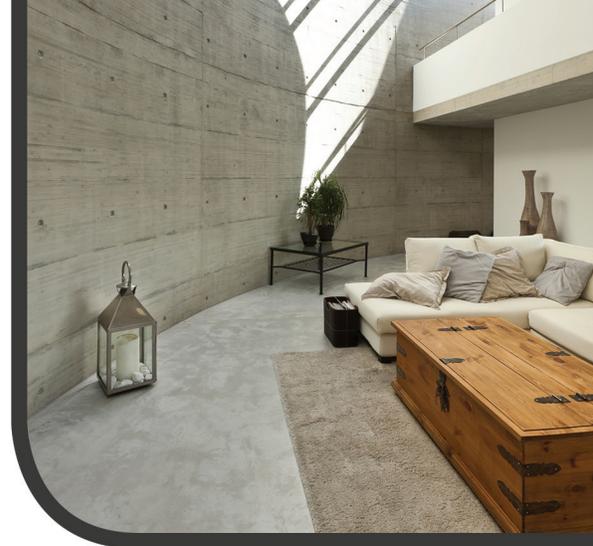
OWC-M:  
Installation under a  
4" to 6" concrete slab



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](http://www.ouellet.com)



## Features

### Cold lead length

- 8' 2" (2.5 m) cold lead included.
- Optional 50' (15 m) cold lead available upon request.

### 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.
- 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.
- Factory installed on mat at 6" (15 cm) spacing

### Watt density

- 11W/sq. ft. (120W/sq. m).

### Dimension

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

### Included materials

- Plastic floor fasteners (WC-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

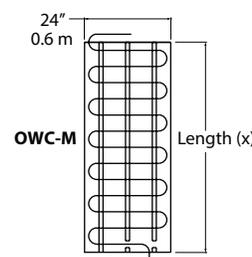
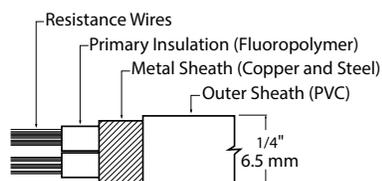
- 11W/sq. ft. (120W/sq. m).

### Included materials

- Nylon ties.

### Installation

- Requires a metallic structure or wire mesh for installing the heating cable in reinforced concrete.



## Models OWC-M

Watts	Product # 240/208V	Price	Product # 347V	Price	Covered Surface <sup>1</sup>		Length (x)		Weight	
					sq. ft.	sq. m	ft. in.	m	lb	kg
150	OWC-M0150	283.00	-	-	14.0	1.3	6'5"	1.9	3.0	1.4
200	OWC-M0200	289.00	-	-	19.0	1.7	8'4"	2.5	3.7	1.7
300	OWC-M0300	300.00	-	-	28.0	2.6	12'6"	3.8	4.0	1.8
400	OWC-M0400	315.00	-	-	38.0	3.5	16'8"	5.1	4.5	2.0
500	OWC-M0500	357.00	-	-	46.5	4.3	20'10"	6.4	5.0	2.3
600	OWC-M0600	376.00	-	-	56.0	5.2	25'	7.6	6.0	2.7
700	OWC-M0700	393.00	-	-	65.5	6.1	29'2"	8.9	7.0	3.1
850	OWC-M0850	421.00	-	-	80.0	7.4	35'5"	10.8	8.0	3.6
950	OWC-M0950	441.00	-	-	89.0	8.3	39'7"	12.1	9.0	4.0
1100	OWC-M1100	490.00	-	-	103.0	9.6	45'10"	14.0	10.0	4.5
1200	OWC-M1200	512.00	-	-	113.0	10.5	50'	15.2	11.0	5.0
1300	OWC-M1300	549.00	-	-	121.5	11.3	54'2"	16.5	12.0	5.4
1400	OWC-M1400	566.00	-	-	130.5	12.1	58'4"	17.8	13.0	6.0
1500	OWC-M1500	576.00	-	-	140.5	13.1	62'6"	19.1	14.0	6.4
1600	OWC-M1600	595.00	-	-	149.5	13.9	66'8"	20.3	15.0	6.8
1700	OWC-M1700	615.00	-	-	159.0	14.8	70'10"	21.6	16.0	7.2
1850	OWC-M1850	663.00	-	-	172.5	16.0	77'1"	23.5	17.0	7.8
2000	OWC-M2000	684.00	OWC-M2007	765.00	187.5	17.4	83'4"	25.4	18.0	8.1
2200	OWC-M2200	718.00	-	-	206.0	19.1	91'6"	27.9	21.0	9.5
2400	OWC-M2400	756.00	OWC-M2407	845.00	225.0	20.9	100'	30.5	23.0	10.4
2550	OWC-M2550	775.00	-	-	239.0	22.2	106'6"	32.5	25.0	11.3
2700	OWC-M2700	799.00	OWC-M2707	920.00	253.0	23.5	112'6"	34.3	28.0	12.7
2850	OWC-M2850	841.00	-	-	267.0	24.8	119'	36.3	30.0	13.6
3000	OWC-M3000	883.00	OWC-M3007	971.00	281.0	26.1	125'	38.1	32.0	14.5
3200	OWC-M3200	924.00	-	-	300.0	27.9	133'6"	40.7	34.0	15.4
3400	OWC-M3400	967.00	OWC-M3407	1065.00	318.5	29.6	141'8"	43.2	36.0	16.3
3600	OWC-M3600	1025.00	-	-	336.0	31.2	150'	45.7	38.0	17.2
3700	-	-	OWC-M3707	1109.00	346.5	32.2	154'2"	47.0	39.0	17.7
4000	-	-	OWC-M4007	1203.00	375.0	34.8	166'8"	50.8	42.0	19.0

<sup>1</sup> 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.  
208V = 75% of wattage at 240V.

## Models OWC-R

Watts	Product # 240/208V	Price	Covered Surface <sup>1</sup> Spacing 6" (15 cm)		Cable Length		Weight	
			sq. ft.	sq. m	ft.	m	lb	kg
300	OWC-R0300	300.00	28.0	2.6	56	17.07	4.0	1.8
500	OWC-R0500	357.00	46.5	4.3	93	28.35	5.0	2.3
700	OWC-R0700	393.00	62.5	5.8	125	38.10	7.0	3.1
950	OWC-R0950	441.00	88.0	8.2	176	53.64	9.0	4.0
1300	OWC-R1300	549.00	125.0	11.6	250	76.20	12.0	5.4
1700	OWC-R1700	615.00	156.0	14.5	312	95.10	16.0	7.2
2000	OWC-R2000	684.00	187.0	17.4	374	114.00	18.0	8.1
2400	OWC-R2400	756.00	218.5	20.3	437	133.20	23.0	10.4
3000	OWC-R3000	883.00	279.5	26.0	559	170.38	32.0	14.5
3400	OWC-R3400	967.00	312.5	29.03	625	190.50	36.0	16.3
3700	OWC-R3700 <sup>2</sup>	1025.00	341.0	31.7	682	207.87	39.0	17.7
4000	OWC-R4000 <sup>2</sup>	1126.00	372.5	34.6	745	227.08	42.0	19.0

<sup>1</sup> 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.

<sup>2</sup> 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	Product # Factory installed*	Price	Description
OTM-CC <sup>1</sup>	-	41.00	CableCheck – Electrical indicator
KIT-WC-CLP	-	20.00	Bag of 50 plastic floor fasteners for heating cable on mat
KIT-SP2	-	49.00	Repair kit
-	50 <sup>2</sup>	213.00	Optional 50' (15 m) cold lead

## GFCI control panel with contactors and 24V control transformer

Product # Kit	H x W x D (in.)	Price	Description
WC-2CIR-208	16x14x8	5356.00	2 circuits 208V 30A
WC-4CIR-208	20x16x8	6454.00	4 circuits 208V 30A
WC-6CIR-208	20x16x8	7257.00	6 circuits 208V 30A
WC-8CIR-208	24x24x8	8034.00	8 circuits 208V 30A
WC-10CIR-208	24x24x8	8998.00	10 circuits 208V 30A
WC-12CIR-208	24x24x8	9588.00	12 circuits 208V 30A
WC-2CIR-240	16x14x8	5356.00	2 circuits 240V 30A
WC-4CIR-240	20x16x8	6454.00	4 circuits 240V 30A
WC-6CIR-240	24x20x8	7257.00	6 circuits 240V 30A
WC-8CIR-240	24x20x8	8034.00	8 circuits 240V 30A
WC-10CIR-240	24x24x8	8998.00	10 circuits 240V 30A
WC-12CIR-240	24x24x8	9588.00	12 circuits 240V 30A

\* For factory installed options, add the option number to the product number. See the **Product Code** section inside the front cover.

<sup>1</sup> With any OWC order, the accessory OTM-CC can be added free of charge upon customer request.

<sup>2</sup> Made to order only. Allow additional 9 to 12 weeks lead time.