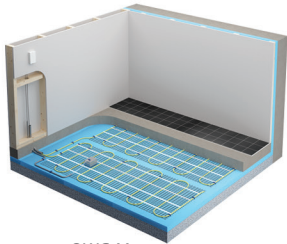


# OWC-M

# OWC-R

Heating Cable for Concrete on Mat

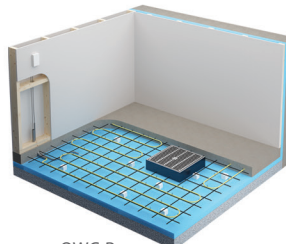
Heating Cable for Concrete in Reel



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.

### 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 (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

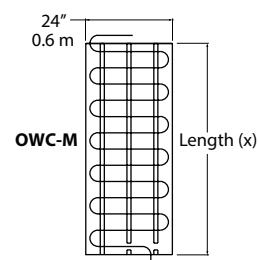
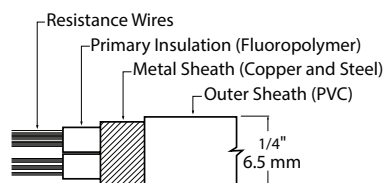
- 11W/sq. ft. (120W/sq. m), recommended installation – 6" (15 cm) spacing.

### Included materials

- Nylon ties.

### Installation

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



## 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	259.00	-	-	14.0	1.3	6' 5"	1.9	3.0	1.4
200	OWC-M0200	265.00	-	-	19.0	1.7	8' 4"	2.5	3.7	1.7
300	OWC-M0300	275.00	-	-	28.0	2.6	12' 6"	3.8	4.0	1.8
400	OWC-M0400	288.00	-	-	38.0	3.5	16' 8"	5.1	4.5	2.0
500	OWC-M0500	327.00	-	-	46.5	4.3	20' 10"	6.4	5.0	2.3
600	OWC-M0600	345.00	-	-	56.0	5.2	25'	7.6	6.0	2.7
700	OWC-M0700	360.00	-	-	65.5	6.1	29' 2"	8.9	7.0	3.1
850	OWC-M0850	385.00	-	-	80.0	7.4	35' 5"	10.8	8.0	3.6
950	OWC-M0950	404.00	-	-	89.0	8.3	39' 7"	12.1	9.0	4.0
1100	OWC-M1100	449.00	-	-	103.0	9.6	45' 10"	14.0	10.0	4.5
1200	OWC-M1200	469.00	-	-	113.0	10.5	50'	15.2	11.0	5.0
1300	OWC-M1300	503.00	-	-	121.5	11.3	54' 2"	16.5	12.0	5.4
1400	OWC-M1400	518.00	-	-	130.5	12.1	58' 4"	17.8	13.0	6.0
1500	OWC-M1500	527.00	-	-	140.5	13.1	62' 6"	19.1	14.0	6.4
1600	OWC-M1600	545.00	-	-	149.5	13.9	66' 8"	20.3	15.0	6.8
1700	OWC-M1700	563.00	-	-	159.0	14.8	70' 10"	21.6	16.0	7.2
1850	OWC-M1850	607.00	-	-	172.5	16.0	77' 1"	23.5	17.0	7.8
2000	OWC-M2000	626.00	OWC-M2007	701.00	187.5	17.4	83' 4"	25.4	18.0	8.1
2200	OWC-M2200	657.00	-	-	206.0	19.1	91' 6"	27.9	21.0	9.5
2400	OWC-M2400	692.00	OWC-M2407	774.00	225.0	20.9	100'	30.5	23.0	10.4
2550	OWC-M2550	710.00	-	-	239.0	22.2	106' 6"	32.5	25.0	11.3
2700	OWC-M2700	732.00	OWC-M2707	843.00	253.0	23.5	112' 6"	34.3	28.0	12.7
2850	OWC-M2850	770.00	-	-	267.0	24.8	119'	36.3	30.0	13.6
3000	OWC-M3000	809.00	OWC-M3007	889.00	281.0	26.1	125'	38.1	32.0	14.5
3200	OWC-M3200	847.00	-	-	300.0	27.9	133' 6"	40.7	34.0	15.4
3400	OWC-M3400	885.00	OWC-M3407	976.00	318.5	29.6	141' 8"	43.2	36.0	16.3
3600	OWC-M3600	939.00	-	-	336.0	31.2	150'	45.7	38.0	17.2
3700	-	-	OWC-M3707	1016.00	346.5	32.2	154' 2"	47.0	39.0	17.7
4000	-	-	OWC-M4007	1102.00	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	275.00	28.0	2.6	56	17.07	4.0	1.8
500	OWC-R0500	327.00	46.5	4.3	93	28.35	5.0	2.3
700	OWC-R0700	360.00	62.5	5.8	125	38.10	7.0	3.1
950	OWC-R0950	404.00	88.0	8.2	176	53.64	9.0	4.0
1300	OWC-R1300	503.00	125.0	11.6	250	76.20	12.0	5.4
1700	OWC-R1700	563.00	156.0	14.5	312	95.10	16.0	7.2
2000	OWC-R2000	626.00	187.0	17.4	374	114.00	18.0	8.1
2400	OWC-R2400	692.00	218.5	20.3	437	133.20	23.0	10.4
3000	OWC-R3000	809.00	279.5	26.0	559	170.38	32.0	14.5
3400	OWC-R3400	885.00	312.5	29.03	625	190.50	36.0	16.3
3700	OWC-R3700 <sup>2</sup>	939.00	341.0	31.7	682	207.87	39.0	17.7
4000	OWC-R4000 <sup>2</sup>	1031.00	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>	-	40.00	CableCheck – Electrical indicator
KIT-WC-CLP	-	18.00	Bag of 50 plastic floor fasteners for heating cable on mat
KIT-SP2	-	45.00	Repair kit
-	50 <sup>2</sup>	195.00	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	Product # Kit	H x W x D (in.)	Price	Description
WC-2CIR-208	16x14x8	5000.00	2 circuits 208V 30A	WC-3CIR-347-347	16x14x8	5500.00	3 circuits 347V 24A
WC-4CIR-208	20x16x8	6025.00	4 circuits 208V 30A	WC-6CIR-347-347	20x16x8	6500.00	6 circuits 347V 24A
WC-6CIR-208	20x16x8	6775.00	6 circuits 208V 30A	WC-9CIR-600-347	30x24x8	8750.00	9 circuits 600V 24A
WC-8CIR-208	24x24x8	7500.00	8 circuits 208V 30A	WC-12CIR-600-347	30x24x8	10050.00	12 circuits 600V 24A
WC-10CIR-208	24x24x8	8400.00	10 circuits 208V 30A				
WC-12CIR-208	24x24x8	8950.00	12 circuits 208V 30A				
WC-2CIR-240	16x14x8	5000.00	2 circuits 240V 30A				
WC-4CIR-240	20x16x8	6025.00	4 circuits 240V 30A				
WC-6CIR-240	24x20x8	6775.00	6 circuits 240V 30A				
WC-8CIR-240	24x20x8	7500.00	8 circuits 240V 30A				
WC-10CIR-240	24x24x8	8400.00	10 circuits 240V 30A				
WC-12CIR-240	24x24x8	8950.00	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.