

# BWC-M



## Heating Cable for Concrete on Mat

### 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.

#### 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.
- Plastic floor fasteners (KIT-WC-CLP).
- Measurement table label (to be placed in for 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).
- Installation with or without metallic structure for reinforced concrete.

#### 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.





**Models**

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

**Options**

Product # Kit	Product # Factory installed*	Price	Description
OTM-CC <sup>1</sup>	-	-	CableCheck – Electrical indicator
KIT-WC-CLP	-	-	Bag of 50 plastic floor fasteners for heating cable on mat
KIT-SP2	-	-	Repair kit
KIT-CBL-SN	-	-	15 ft. (4.6 m) floor sensor
-	50 <sup>2</sup>	-	Optional 50' (15 m) cold lead

\* For factory installed options, add the option number to the product number.  
<sup>1</sup> With any BWC 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.