



# BWC-R

## Heating Cable for Concrete in Reel

### 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.

#### 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 tie-wraps.
- 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 1/2" 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).*

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





## Models

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	BWC-R0300		28.0	2.6	56	17.07	4.0	1.8
500	BWC-R0500		46.5	4.3	93	28.35	5.0	2.3
700	BWC-R0700		62.5	5.8	125	38.10	7.0	3.1
950	BWC-R0950		88.0	8.2	176	53.64	9.0	4.0
1300	BWC-R1300		125.0	11.6	250	76.20	12.0	5.4
1700	BWC-R1700		156.0	14.5	312	95.10	16.0	7.2
2000	BWC-R2000		187.0	17.4	374	114.00	18.0	8.1
2400	BWC-R2400		218.5	20.3	437	133.20	23.0	10.4
3000	BWC-R3000		279.5	26.0	559	170.38	32.0	14.5
3400	BWC-R3400		312.5	29.03	625	190.50	36.0	16.3
3700	BWC-R3700 <sup>2</sup>		341.0	31.7	682	207.87	39.0	17.7
4000	BWC-R4000 <sup>2</sup>		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.

## Options

Product # Kit	Product # Factory installed*	Price	Description
OTM-CC <sup>1</sup>	-		CableCheck – Electrical indicator
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.