



DWC-M

Heating Cable for Concrete on Mat

Features

Voltage

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

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.
208V = 75% of wattage at 240V.

Options

Product # Kit	Product # Factory installed*	Description
OTM-CC ¹	-	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 ²	Optional 50' (15 m) cold lead

* For factory installed options, add the option number to the product number.

¹ With any DWC order, the accessory OTM-CC can be added free of charge upon customer request.

² Made to order only. Allow additional 9 to 12 weeks lead time.