



# Free Cable System FOR MEMBRANE (CAR)



The Momento floor heating systems provide comfort and well-being through radiant heating. They produce enveloping heat that is also clean, cost-effective, uniform, and constant.

## Features

### Voltage

- 120V, 240/208V, 1-phase.

### Cold lead length

- 10' (3 m).

### Construction

- Heating cable made of a twin conductor, compatible with uncoupling membrane systems.

### Watt density

- 9.6W/sq. ft. (103W/sq. m), 3 3/4" (95 mm) spacing.
- 10W/sq. ft. (108W/sq. m), 3 5/8" (92 mm) spacing.

### Control

- Two types of control method possible (see instruction manual for details):
  - Surface heating control with electronic thermostat equipped with a floor sensor.
  - Ambient heating control with electronic thermostat equipped with a built-in ambient sensor and a floor 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) floor sensor.
- Measurements table label (to be placed in electrical panel).

### Installation

- **Never cut or shorten the heating cable.**
- For indoor applications only.
- On concrete slab or plywood subfloor.
- On uncoupling membrane sold in option.

**For heating cable installation on uncoupling membrane systems, consult the membrane manufacturer's instructions to ensure that it is compatible with the use of heating cables.**

### Warranty

- 25-year warranty on the heating cable.

### Application

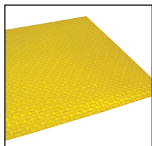
- Kitchen, bathroom, entrance way, family room, living room.

Included:

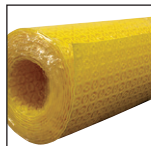


10' (3 m)  
floor sensor

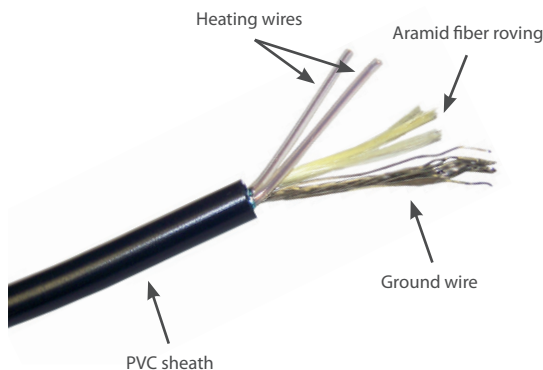
Optional:



Uncoupling self-adhesive membrane in sheet  
NADCM-S-80



Uncoupling self-adhesive membrane in roll  
NADCM-S-150



## Free Cable System FOR MEMBRANE (CAR)

### 240/208V Models

Product # 240/208V	Price	Covered Surface Depending on Spacing <sup>1</sup>				Watts	Amp.	Cable Length	
		3 5/8" (92 mm) <sup>2</sup>		3 3/4" (95 mm)				ft.	m
		10W/sq. ft.	108W/sq. m.	9.6W/sq. ft.	103W/sq. m.				
0170CAR240	155.00	18.5	1.7	19.0	1.8	170	0.70	61	18.59
0240CAR240	187.00	24.0	2.2	25.0	2.3	240	1.00	80	24.38
0300CAR240	210.00	30.5	2.8	31.5	2.9	300	1.25	101	30.78
0360CAR240	221.00	36.5	3.4	37.5	3.5	360	1.50	120	36.58
0420CAR240	233.00	42.5	4.0	44.0	4.1	420	1.75	141	42.98
0475CAR240	244.00	48.5	4.5	50.0	4.6	475	1.98	160	48.77
0600CAR240	288.00	60.5	5.6	62.5	5.8	600	2.50	200	60.96
0720CAR240	321.00	72.5	6.7	75.0	7.0	720	3.00	240	73.15
0840CAR240	333.00	84.5	7.9	87.5	8.1	840	3.50	280	85.34
0960CAR240	388.00	96.5	9.0	100.0	9.3	960	4.00	320	97.54
1080CAR240	400.00	109.0	10.1	112.5	10.5	1080	4.50	360	109.73
1200CAR240	445.00	121.0	11.2	125.0	11.6	1200	5.00	400	121.92
1440CAR240	467.00	145.0	13.5	150.0	13.9	1440	6.00	480	146.30
1600CAR240	556.00	169.0	15.7	175.0	16.3	1600	6.67	560	170.69
1920CAR240	645.00	193.5	18.0	200.0	18.6	1920	8.00	640	195.07
2280CAR240	723.00	229.5	21.3	237.5	22.1	2280	9.5	760	231.65
2640CAR240	837.00	266.0	24.7	275.0	25.5	2640	11.00	880	268.22
2900CAR240	928.00	292.5	27.2	302.5	28.1	2900	12.08	968	295.04
3000CAR240	962.00	302.0	28.1	312.5	29.0	3000	12.50	1000	304.80
3360CAR240	1004.00	338.5	31.4	350	32.5	3360	14	1120	341.38

### 120V Models

Product # 120V	Price	Covered Surface Depending on Spacing <sup>1</sup>				Watts	Amp.	Cable Length	
		3 5/8" (92 mm) <sup>2</sup>		3 3/4" (95 mm)				ft.	m
		10W/sq. ft.	108W/sq. m.	9.6W/sq. ft.	103W/sq. m.				
0085CAR120	110.00	9.5	0.9	10.0	0.9	85	0.70	32	9.75
0120CAR120	121.00	12.0	1.1	12.5	1.2	120	1.00	40	12.19
0150CAR120	143.00	16.0	1.5	16.5	1.5	150	1.25	53	16.15
0170CAR120	155.00	18.5	1.7	19.0	1.8	170	1.42	61	18.59
0240CAR120	187.00	24.0	2.2	25.0	2.3	240	2.00	80	24.38
0300CAR120	210.00	30.5	2.8	31.5	2.9	300	2.50	101	30.78
0360CAR120	221.00	36.5	3.4	37.5	3.5	360	3.00	120	36.58
0420CAR120	233.00	42.5	4.0	44.0	4.1	420	3.50	141	42.98
0475CAR120	244.00	48.5	4.5	50.0	4.6	475	3.96	160	48.77
0600CAR120	288.00	60.5	5.6	62.5	5.8	600	5.00	200	60.96
0720CAR120	321.00	72.5	6.7	75.0	7.0	720	6.00	240	73.15
0840CAR120	333.00	84.5	7.9	87.5	8.1	840	7.00	280	85.34
0960CAR120	388.00	96.5	9.0	100.0	9.3	960	8.00	320	97.54
1140CAR120	474.00	115	10.66	119	11.03	1140	9.5	380	115.82
1320CAR120	517.00	133	12.35	137.5	12.77	1320	11	440	134.11
1450CAR120	533.00	145	13.5	150	13.9	1450	12	480	146.30
1500CAR120	549.00	151	14	156.5	14.5	1500	12.5	500	152.40
1680CAR120	582.00	169.5	15.7	175	16.3	1680	14	560	170.69

<sup>1</sup> Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding fixtures and other spaces to consider.  
Surface area covered may vary depending on the model of membrane chosen.

<sup>2</sup> Spacing with the NADCM-S membrane when the cable is installed with 3 spacing castellations.  
208V = 75% of wattage at 240V.

15' (4.6 m) floor sensor and 10' (3 m) cold lead included.

### Options

Product #	Unit Price	Description
NADCM-S-80	28.00	Uncoupling self-adhesive membrane in sheet, 2' 6-5/16" X 3' 3", 8.16 sq. ft., sold in box of 10 sheets
NADCM-S-150	455.00	Uncoupling self-adhesive membrane in roll, 46' 7" X 3' 3", 150 sq. ft.

For heating cable installation on uncoupling membrane systems, consult the membrane manufacturer's instructions to ensure that it is compatible with the use of heating cables.