

CABLE ELECTRIC FLOOR HEATING SYSTEM



PRODUCT OVERVIEW

Nuheat Cable is a free-form floor heating cable system that brings soothing heat to the following surfaces:

- Ceramic or porcelain tile
- Granite
- Marble
- Natural Stone
- Laminate/Engineered wood floors

Nuheat Cable is a floor heating product for kitchens, bathrooms and other spaces where on-site adjustments are necessary to provide the desired heating coverage. Patented plastic cable guides allow the heating cable to be installed on site based on the site dimensions. Nuheat Cable can be spaced on site to provide 12-15 watts per square foot based on the desired wattage output requirements of the installation.

Nuheat Cable is available in 33 different sizes to accommodate areas as small as 8 square feet to 240 square feet. Multiple cable kits can be combined to provide heat coverage for the desired area. Nuheat Cable is available in 120 V and 240 V.

KIT CONTENTS

- 1 Nuheat Cable floor heating system
- 1 Installation instruction manual

NUHEAT CABLE

NUHEAT CABLE SELECTION TABLE

Square Foot Coverage		Model No.	Cable Length (ft)	Amps	Watts
Standard Spacing*	Alternate Spacing**				
120 VOLT CABLE KITS					
8	6	N1C008	29	0.7	80
12	9	N1C012	47	1.2	138
15	12	N1C015	57	1.4	170
25	20	N1C025	98	2.5	299
30	25	N1C030	120	2.9	343
40	30	N1C040	148	3.7	442
50	40	N1C050	188	4.7	562
60	50	N1C060	234	6.0	719
70	55	N1C070	265	6.8	810
80	65	N1C080	318	7.9	947
85	70	N1C085	334	8.5	1021
95	80	N1C095	377	9.7	1161
110	90	N1C110	423	10.8	1299
120	100	N1C120	474	12.2	1461
240 VOLT CABLE KITS					
15	12	N2C015	56	0.7	165
20	15	N2C020	80	0.9	224
25	20	N2C025	102	1.3	302
35	30	N2C035	136	1.7	403
45	35	N2C045	178	2.2	523
55	45	N2C055	207	2.6	632
65	50	N2C065	250	3.1	742
70	60	N2C070	277	3.5	842
85	70	N2C085	334	4.3	1020
90	75	N2C090	358	4.6	1102
100	85	N2C100	393	5.0	1211
120	100	N2C120	472	5.9	1427
135	110	N2C135	529	6.8	1621
145	120	N2C145	561	7.1	1704
160	130	N2C160	630	8.0	1914
170	140	N2C170	665	8.6	2054
190	160	N2C190	757	9.6	2314
215	180	N2C215	849	10.8	2589
240	200	N2C240	953	12.1	2905

For installations where higher heat output is required, alternating 3"/2" spacing (15 watts/sq ft) may be used.
 * 3" Spacing - 12 watts/sq ft ** Alternating 3"/2" spacing - 15 watts/sq ft

APPROVALS



“-W” wet rating for Canada as per Table 1 of C22.2 NO.130-16 and CEC section 62-104.

NUHEAT CABLE SPECIFICATIONS

Operating voltage	120 V and 240 V
Power output	12-15 watts per square foot (depending on spacing option chosen)
Minimum bending radius	0.5 in (12 mm)
Maximum ambient temperature	194°F (90°C)
Minimum installation temperature	50°F (10°C)
Heating cable	2-wire, grounded, twisted pair with PVC outer jacket
Cold lead	2-wire, 16-18 AWG plus ground braid; PVC outer jacket, 10 ft (3 m) length

ACCESSORIES

	Catalog number	Description
Nuheat Membrane (Large Roll)	NUMEM161	Tile underlayment and uncoupling membrane for Nuheat Cable (161 sq ft roll). For use when uncoupling product is required.
Nuheat Membrane (Small Roll)	NUMEM054	Tile underlayment and uncoupling membrane for Nuheat Cable (54 sq ft roll). For use when uncoupling product is required.
SIGNATURE thermostat	AC0055	WiFi-enabled floor heating thermostat. This programmable thermostat can be controlled using a mobile smart phone app (iOS and Android) or web browser.
HOME thermostat	AC0056	Color touchscreen programmable floor heating thermostat with intuitive user interface and energy usage information.
Element thermostat	AC0057	Non-programmable thermostat for simple control of any electric floor heating system.



WWW.NUHEAT.COM

NORTH AMERICA

Tel: +1.800.545.6258
Fax: +1.800.527.5703
Tel: +1.650.216.1526
Fax: +1.650.474.7711
thermal.info@pentair.com

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