

Nuheat 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. |



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