

# SCU

## UNIVERSAL HEATING CABLE



## CHOOSE OPTIMAL AND UNIFORM HEAT

Enjoy the unparalleled comfort of a heated floor with the SCU series universal heating cable. The heating cable is a safe, durable and maintenance-free heating solution that provides uniform heat over the entire floor surface. This universal product is easy to install either with an uncoupling membrane or directly on plywood. Ideal for any room of the house, especially difficult-to-heat spots, it's compatible with most floor coverings and makes more space available for furniture and interior décor elements.

- **SILENT, ECONOMICAL AND SAFE**
- **EASY TO INSTALL**  
CABLE SPACER OR UNCOUPLING MEMBRANE INSTALLATION
- **FLEXIBLE, EASY-TO-HANDLE CABLE**
- **PROVIDES OPTIMAL COMFORT BY HEATING FROM THE FLOOR UP**
- **COMPLETE KIT, INCLUDING:**  
HEATING CABLE, GLUE STICKS, CABLE SPACERS AND INSTALLATION GUIDE
- **UNCOUPLING MEMBRANE AVAILABLE**  
TO EASE INSTALLATION OF CERAMIC FLOOR

### MANUFACTURING

- diameter suitable for use with an uncoupling membrane
- heating elements sheathed in thermoplastic polymer insulation
- dual heating element that allows for a return to the thermostat inside the cable (therefore, cable route planning doesn't need to include a return to the thermostat)
- tin-plated copper braiding for better corrosion resistance

### WATTAGE

- 12 W/ft<sup>2</sup> – 3 spaces (with a membrane or cable spacers)
- 9 W/ft<sup>2</sup> – 4 spaces (cable spacers)

### CONTROL

- electronic thermostat for floor heating (sold separately)

Note: a temperature sensor is included with the SCU product and another with the Stelpro electronic thermostat.

### INSTALLATION

- with any uncoupling membrane
- directly on concrete (slab or basement floor) using the cable spacers (included with the product)
- directly on plywood using the cable spacers (included with the product)
- glue sticks included
- under most floor coverings\*, so long as the heating cable is completely covered with self-leveling mortar

### WARRANTY

- twenty-five years

\*For more information on floor coverings that can be installed over a heating cable, we strongly recommend that you check with the floor covering manufacturers in question.

#### IDEAL FOR:

bathroom, kitchen, living room, bedroom, basement, hallway, day care centre, locker room, small space

### FOR MAXIMUM EFFICIENCY

ELECTRONIC THERMOSTATS  
FOR HEATING CABLE

SINGLE  
PROGRAMMING



MULTIPLE  
PROGRAMMING



# °STELPRO

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# TECHNICAL SPECIFICATIONS

| PRODUCT       | AMPERAGE  | LENGTH | POWER     |             | MEMBRANE                                                          |                                                                     | CABLE SPACER*                                                     |                                                                     |
|---------------|-----------|--------|-----------|-------------|-------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|
|               |           |        |           |             | SPACING : 3<br>WALL CLEARANCE : 3                                 |                                                                     | SPACING : 3 OR 4<br>WALL CLEARANCE : 3 IN                         |                                                                     |
|               |           |        |           |             | DENSITY : 12 W/FT <sup>2†</sup><br>3 spaces =<br>3,63 in. (92 mm) | DENSITY : 12 W/FT <sup>2†</sup><br>3 spaces =<br>3,75 in. (95,3 mm) | DENSITY : 12 W/FT <sup>2†</sup><br>3 spaces =<br>3,63 in. (92 mm) | DENSITY : 9 W/FT <sup>2†</sup><br>4 spaces =<br>4,83 in. (122,7 mm) |
| CODE          | AMP       | FT     | WATTS     | BTU/H       | SURFACE FT <sup>2</sup>                                           |                                                                     |                                                                   |                                                                     |
| 240/208 VOLTS |           |        |           |             |                                                                   |                                                                     |                                                                   |                                                                     |
| SCU2W0135S013 | 0.6/0.5   | 35.3   | 135/101   | 461/345     | 12.9                                                              | 13.5                                                                | 12.5                                                              | 16.6                                                                |
| SCU2W0203S019 | 0.8/0.7   | 53.1   | 203/152   | 693/519     | 18.7                                                              | 19.5                                                                | 18.2                                                              | 24.2                                                                |
| SCU2W0270S025 | 1.1/1.0   | 70.5   | 270/203   | 921/693     | 24.5                                                              | 25.4                                                                | 23.9                                                              | 31.7                                                                |
| SCU2W0338S030 | 1.4/1.2   | 88.2   | 338/254   | 1153/867    | 29.6                                                              | 31.3                                                                | 29.5                                                              | 39.3                                                                |
| SCU2W0405S036 | 1.7/1.5   | 105.8  | 405/304   | 1382/1037   | 35.8                                                              | 37.1                                                                | 35.1                                                              | 46.7                                                                |
| SCU2W0475S042 | 2.0/1.7   | 124.1  | 475/356   | 1621/1215   | 41.6                                                              | 43.3                                                                | 40.8                                                              | 54.3                                                                |
| SCU2W0540S047 | 2.3/1.9   | 141.0  | 540/405   | 1843/1382   | 47.0                                                              | 48.8                                                                | 46.2                                                              | 61.4                                                                |
| SCU2W0675S058 | 2.8/2.4   | 176.3  | 675/506   | 2304/1727   | 58.2                                                              | 60.3                                                                | 57.0                                                              | 76.1                                                                |
| SCU2W0810S069 | 3.4/2.9   | 211.6  | 810/608   | 2764/2075   | 69.3                                                              | 71.8                                                                | 68.3                                                              | 90.9                                                                |
| SCU2W0950S081 | 4.0/3.4   | 248.2  | 950/713   | 3242/2433   | 80.8                                                              | 83.8                                                                | 79.7                                                              | 106.0                                                               |
| SCU2W1080S091 | 4.5/3.9   | 282.1  | 1080/810  | 3686/2764   | 91.4                                                              | 94.7                                                                | 90.3                                                              | 120.0                                                               |
| SCU2W1300S109 | 5.4/4.7   | 339.4  | 1300/975  | 4437/3327   | 109.3                                                             | 113.2                                                               | 108.1                                                             | 143.7                                                               |
| SCU2W1630S136 | 6.8/5.9   | 425.8  | 1630/1223 | 5563/4174   | 136.2                                                             | 141.0                                                               | 134.9                                                             | 179.3                                                               |
| SCU2W1840S153 | 7.7/6.6   | 480.5  | 1840/1380 | 6279/4710   | 153.2                                                             | 158.5                                                               | 151.8                                                             | 201.7                                                               |
| SCU2W2110S175 | 8.8/7.6   | 551.0  | 2110/1583 | 7201/5402   | 175.1                                                             | 181.3                                                               | 173.7                                                             | 230.4                                                               |
| SCU2W2320S192 | 9.7/8.4   | 605.9  | 2320/1740 | 7917/5938   | 192.2                                                             | 198.9                                                               | 190.7                                                             | 253.2                                                               |
| SCU2W2580S213 | 10.8/9.3  | 673.8  | 2580/1935 | 8805/6604   | 213.1                                                             | 220.6                                                               | 211.5                                                             | 281.1                                                               |
| SCU2W2850S235 | 11.9/10.3 | 744.4  | 2850/2138 | 8805/7296   | 234.9                                                             | 243.1                                                               | 234.6                                                             | 310.2                                                               |
| SCU2W3400S279 | 14.2/12.3 | 888.0  | 3400/2550 | 11 603/8702 | 279.3                                                             | 289.0                                                               | 277.5                                                             | 368.7                                                               |
| 120 VOLTS     |           |        |           |             |                                                                   |                                                                     |                                                                   |                                                                     |
| SCU1W0135S013 | 1.1       | 35.3   | 135       | 461         | 12.9                                                              | 13.5                                                                | 12.5                                                              | 16.6                                                                |
| SCU1W0203S019 | 1.7       | 52.9   | 203       | 693         | 18.7                                                              | 19.5                                                                | 18.2                                                              | 24.2                                                                |
| SCU1W0270S024 | 2.3       | 70.5   | 270       | 921         | 24.5                                                              | 25.4                                                                | 23.9                                                              | 31.7                                                                |
| SCU1W0338S030 | 2.8       | 88.2   | 338       | 1153        | 29.6                                                              | 31.3                                                                | 29.5                                                              | 39.3                                                                |
| SCU1W0405S036 | 3.4       | 105.8  | 405       | 1382        | 35.8                                                              | 37.1                                                                | 35.1                                                              | 46.7                                                                |
| SCU1W0475S042 | 4.0       | 124.1  | 475       | 1621        | 41.6                                                              | 43.3                                                                | 40.8                                                              | 54.3                                                                |
| SCU1W0540S047 | 4.5       | 141.1  | 540       | 1843        | 47.0                                                              | 48.8                                                                | 46.2                                                              | 61.4                                                                |
| SCU1W0650S056 | 5.4       | 169.8  | 650       | 2218        | 56.1                                                              | 58.2                                                                | 55.0                                                              | 73.4                                                                |
| SCU1W0815S070 | 6.8       | 212.9  | 815       | 2781        | 69.7                                                              | 72.2                                                                | 68.7                                                              | 91.5                                                                |
| SCU1W0920S078 | 7.7       | 240.2  | 920       | 3140        | 78.3                                                              | 81.1                                                                | 77.2                                                              | 102.7                                                               |
| SCU1W1055S089 | 8.8       | 275.5  | 1055      | 3600        | 89.3                                                              | 92.5                                                                | 88.2                                                              | 117.4                                                               |
| SCU1W1160S098 | 9.7       | 303.0  | 1160      | 3959        | 97.9                                                              | 101.4                                                               | 96.8                                                              | 128.8                                                               |
| SCU1W1290S109 | 10.8      | 336.9  | 1290      | 4402        | 108.5                                                             | 112.4                                                               | 107.3                                                             | 142.8                                                               |
| SCU1W1425S120 | 11.9      | 372.2  | 1425      | 4863        | 119.5                                                             | 123.7                                                               | 118.3                                                             | 157.2                                                               |
| SCU1W1700S142 | 14.2      | 444.0  | 1700      | 5802        | 141.8                                                             | 146.9                                                               | 140.5                                                             | 186.7                                                               |

\*Included with the product  
†Density for 240 V and 120 V

# ACCESSORIES

| PRODUCT          | DESCRIPTION                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------|
| STCNPW5          | single programming electronic thermostat                                                              |
| STCPW5           | multiple programming electronic thermostat                                                            |
| TH115F12VDC      | master thermostat for use with relay (120 V/240 V) in large areas [12 V]                              |
| CT230GA          | relay for use with master thermostat in large areas [15 A @ 120 V-240 V, 50/60 Hz]                    |
| STSCC            | thermostat sensor for heating cable                                                                   |
| SCU-MEM-054      | membrane for floor heating cable – 3.3 x 16.4 ft = 53.8 ft <sup>2</sup> (5 x 1 m = 5m <sup>2</sup> )  |
| SCU-MEM-162      | membrane for floor heating cable – 3.3 x 49.5 ft = 161 ft <sup>2</sup> (15 x 1 m = 15m <sup>2</sup> ) |
| SCU-STRIP-01     | plastic cable spacers for installation (pack of 24)                                                   |
| SCURK            | repair kit                                                                                            |
| SCU-PROBAND-1530 | Proband roll 6 in. X 98 ft 5 in.                                                                      |