

# HWAT Self-Regulating Heating Cable



nVent RAYCHEM HWAT self-regulating trace heating cables maintain water temperatures in a building's hot water distribution network. Installed underneath the thermal insulation, they automatically compensate for pipe heat losses where they occur and provide an energy efficient solution.

## FEATURES

Simple to design: single pipe instead of recirculation system

Branch lines, instant hot water at tap: for reduced tap times and water waste, water maintained at specific temperatures, no return pipework or return of cold water into the water heater

Easy to install: cut to length, meter marks, simple fast RayClic connections

Energy efficient and safe: no overheating, advanced energy saving and monitoring with HWAT-ECO or ACS-30 controller

Reliable during long life: 10 year product warranty available, aluminum foil layer to protect from chemical ingress, maintenance free

## SPECIFICATIONS

|                               |                      |
|-------------------------------|----------------------|
| <b>Ground Path Type:</b>      | Braid                |
| <b>Outer Jacket Material:</b> | Modified Polyolefin  |
| <b>Conductor Material:</b>    | Nickel-Plated Copper |

Table 1/1

| Catalog Number | Item Name          | Supply Voltage | Color  | Max Circuit Length | Nominal Width | Nominal Thickness |
|----------------|--------------------|----------------|--------|--------------------|---------------|-------------------|
| 018662-000     | HWAT-M-SPOOLBOX-50 | 220 – 240 V    | Orange | 100 m              | 13.7 mm       | 7.6 mm            |
| 258015-000     | HWAT-L             | 220 – 240 V    | Yellow | 180 m              | 13.8 mm       | 6.8 mm            |
| 498639-000     | HWAT-M             | 220 – 240 V    | Orange | 100 m              | 13.7 mm       | 7.6 mm            |

| CatalogNumber | Item Name | Supply Voltage | Color | Max Circuit Length | Nominal Width | Nominal Thickness |
|---------------|-----------|----------------|-------|--------------------|---------------|-------------------|
| 266435-000    | HWAT-R    | 220 – 240 V    | Red   | 100 m              | 16.1 mm       | 6.7 mm            |

## ADDITIONAL PRODUCT DETAILS

Requires the use of a 30 mA residual current device (RCD) to provide maximum safety and protection from fire. All heating circuits have to be protected by C-type circuit breaker.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### North America

Tel +1.800.545.6258  
Fax +1.800.527.5703  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Europe, Middle East, Africa

Tel +32.16.213.511  
Fax +32.16.213.604  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Asia Pacific

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

### Latin America

Tel +1.713.868.4800  
Fax +1.713.868.2333  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

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