

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 & BENEFITS

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

Conductor Material Nickel-Plated Copper

Outer Jacket Material Modified Polyolefin

Ground Path Type Braid

Table 1/1

| Catalog Number | 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 |

| Catalog Number | Item Name | Supply Voltage | Color | Max Circuit Length | Nominal Width | Nominal Thickness |
|----------------|-----------|----------------|--------|--------------------|---------------|-------------------|
| 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 |

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.

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