

QTVR Self-Regulating Heating Cable



nVent RAYCHEM QTVR self-regulating trace heating cables are suitable for freeze protection of large pipes/vessels with high heat loss, and for process temperature maintenance applications without steam-cleaning requirements, up to 225 °F/110 °C. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

FEATURES

Simplified design for hazardous areas: unconditional T4 class

Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits

Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology

Reliable during long life: 10 year product warranty available, maintenance free

SPECIFICATIONS

| | |
|-----------------------------------------------------------------------|--------------------------|
| Max Maintain or Continuous Exposure Temperature, Power On/Off: | 110 °C |
| Max Intermittent Exposure Temperature, Power On/Off: | 110 °C |
| Ground Path Type: | Braid |
| Outer Jacket Material: | Fluoropolymer |
| Area Classification: | Non-Hazardous; Hazardous |

Table 1/1

| Catalog Number | Item Name | Supply Voltage | Nominal Power Output @ 10°C, 230V | Nominal Power Output @ 10°C, 120V |
|----------------|------------|----------------|--------------------------------------|--------------------------------------|
| 040615-000 | 15QTVR2-CT | 200 – 277 V | 51 W/m | |
| 148345-000 | 15QTVR1-CT | 100 – 130 V | | 52 W/m |
| 259951-000 | 10QTVR1-CT | 100 – 130 V | | 39 W/m |
| 391991-000 | 10QTVR2-CT | 200 – 277 V | 38 W/m | |

| Catalog Number | Item Name | Supply Voltage | Nominal Power Output @ 10°C, 230V | Nominal Power Output @ 10°C, 120V |
|----------------|------------|----------------|--------------------------------------|--------------------------------------|
| 498703-000 | 20QTVR1-CT | 100 – 130 V | | 66 W/m |
| 988967-000 | 20QTVR2-CT | 200 – 277 V | 64 W/m | |

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 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.

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