

BTV SELF-REGULATING HEATING CABLE



nVent RAYCHEM BTV self-regulating trace heating cables provide freeze protection and process temperature maintenance, up to 150 °F/65 °C, of pipes/vessels without steam cleaning requirements. They withstand intermittent exposure to 185 °F/85 °C and are hazardous area approved. The polyolefin outer jacket (-CR) is suitable for mild inorganic solutions. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

FEATURES & BENEFITS

Simplified design in hazardous area: unconditional T6 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

Supply Voltage 200 – 277 V

Area Classification Non-Hazardous; Hazardous

Ground Path Type Braid

Outer Jacket Material Fluoropolymer

Max Maintain or Continuous Exposure Temperature, Power On/Off 65 °C

Max Intermittent Exposure Temperature, Power On/Off 85 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V
567513-000	10BTV2-CT	29 W/m

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V
469145-000	3BTV2-CT	9 W/m
487509-000	5BTV2-CT	16 W/m
008633-000	8BTV2-CT	25 W/m

Supply Voltage 200 – 277 V

Area Classification Non-Hazardous; Hazardous

Ground Path Type Braid

Outer Jacket Material Modified Polyolefin

Max Maintain or Continuous Exposure Temperature, Power On/Off 65 °C

Max Intermittent Exposure Temperature, Power On/Off 85 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V
677245-000	10BTV2-CR	29 W/m
914279-000	3BTV2-CR	9 W/m
414809-000	5BTV2-CR	16 W/m
479821-000	8BTV2-CR	25 W/m

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