

# KTV SELF-REGULATING HEATING CABLE



nVent RAYCHEM KTV self-regulating trace heating cables are mainly used for process temperature maintenance of pipes/vessels that require steam cleaning, up to 300 °F/150 °C. Also used for freeze protection of systems with high heat losses. They withstand intermittent exposure to 482 °F/250 °C. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

## FEATURES

Simplified design in hazardous area: unconditional T2C class, T3-T6 based on systems approach

Longer circuit lengths due to larger cross section conductors

High power output for higher temperature applications

Fast installation: cut-to-length, flexible and easy to strip, 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

<b>Max Maintain or Continuous Exposure Temperature, Power On</b>	150 °C
<b>Supply Voltage</b>	200 – 277 V
<b>Max Intermittent Exposure Temperature, Power On/Off</b>	250 °C
<b>Max Cumulative Hours for Intermittent Exposure</b>	1000 h
<b>Min Installation Temperature</b>	-60 °C
<b>Area Classification</b>	Non-Hazardous; Hazardous
<b>Outer Jacket Material</b>	High Temperature Fluoropolymer

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V
P000001679	5KTV2-CT	16 W/m
P000001681	8KTV2-CT	25 W/m
P000001683	15KTV2-CT	47 W/m
P000001685	20KTV2-CT	66 W/m

## WARNING

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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.

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