THERMOELECTRIC COOLER TE12 48V WITHOUT SHROUD, 11.81X6.02X7.40 ANODIZED ALUMINUM

CATALOG NUMBER

TE121048020



Thermoelectric Coolers minimize downtime and component loss by removing heat around critical components within an enclosure. These compact, low-profile coolers using the Peltier effect allow for cooling of small indoor and outdoor enclosures. No condensers, compressors or filters are required making it a reliable solution for demanding low-maintenance environments and low noise.

Operates on the Peltier effect for cooling or heating

INDUSTRY STANDARDS

UR, cUR Recognized; Type 12, 3R, 4, 4X; File No. SA6453

CE

IP 65

FEATURES

- Operates on the Peltier effect for cooling or heating
- Contains no refrigerant, making it earth friendly
- Filterless design reduces maintenance requirements
- Compressor-free air conditioning for demanding indoor and outdoor applications
- Prewired with simple terminal block for easy wiring connections
- Shrouded and unshrouded models included in standard packages
- Operating temperature range -40 C (-40 F) to 55 C (131 F)
- Partial recess mount
- DC Powered operation for 24V and 48V applications
- Low profile design allows for mounting vertically and horizontally on any enclosure to avoid interference with internal components

PRODUCT ATTRIBUTES

- Height: 300 mm
- Width: 153 mm
- Depth: 188 mm
- Nominal Voltage: 48 V
- Nominal Capacity Btu/h: 321 Btu/h
- Nominal Capacity Watts: 94 W
- Voltage DC: 40 V
- Max Current: 4.4 A

Operating Temperature: −40 to 55 °C

Material: Aluminum

Finish: Anodized

Color: Unpainted

Thickness: 1.52 mm

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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