

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

Article Number: 20812

Height: 11.81in

Width: 6.02in

Depth: 7.4in

Nominal Voltage: 48V

Nominal Capacity Btu/h: 321Btu/h

Nominal Capacity Watts: 94W

Voltage DC: 40V

Max Current: 4.4A

Operating Temperature: -40 to 131°F

Material: Aluminum

Finish: Anodized

Thickness: 16ga

Weight: 12.3lb

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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