

Thermoelectric Cooler Assembly

Liquid to Air, 24VDC, 300W

multicomp PRO

**RoHS
Compliant**



Benefits

- Compact design
- High reliability
- Low noise
- Precise temperature control

Applications

- Medical analysis
- Laser cooling

Description

Thermoelectric cooling assemblies come in direct to air, air to air and liquid to air variations comprising thermoelectric cooler module/s, heat exchangers, fan/s and thermal interfaces which are optimised for effective heat transfer.

European Thermodynamics are specialists in thermal management and thermoelectrics, developing the high performance thermoelectrics products and materials of the future.

Liquid-to-air type thermoelectric assembly to meet demands of higher COP, lower consumption and high performance. Temperature of liquid outlet is adjustable ranging from 0 to 40 degrees Celsius with accuracy 1 degree Celsius.

Specification

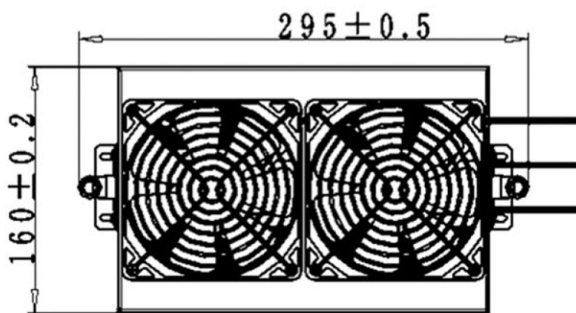
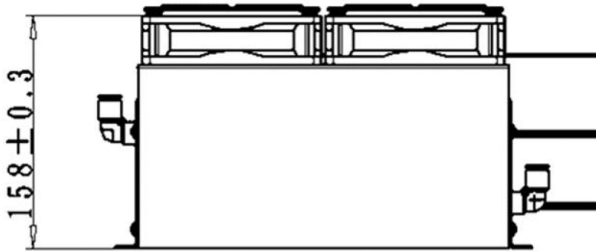
Maximum cooling power	[W]	300
Nominal voltage	[V]	24
Maximum voltage	[V]	31.4
Maximum current	[A]	15 / Start: 18
Power input	[W]	360
Operating temperature	[°C]	-10 to 45
Weight	[kg]	TBA - ~10
Performance tolerance	[%]	10
L10 of fans at 40°C	[hrs]	40k

Thermoelectric Cooler Assembly

Liquid to Air, 24VDC, 300W

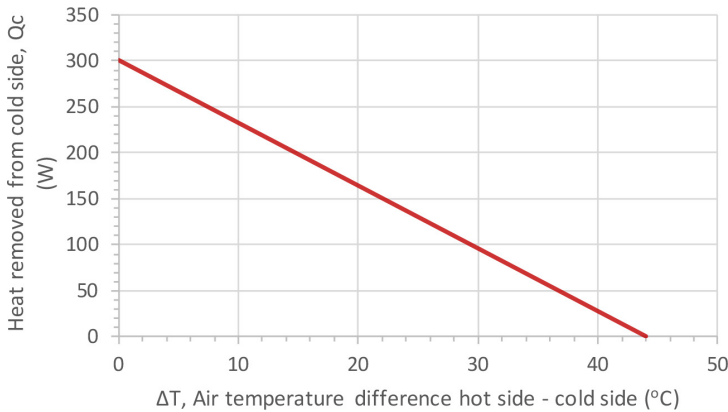
multicomp PRO

Diagram & Dimensions



Dimensions : Millimetres

Performance graph



Part Number Table

Description	Part Number
Thermoelectric Cooler Assembly, Liquid to Air, 24V DC, 300W	MP008794

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 sg.element14.com/b/multicomp-pro

multicomp PRO