

Air-to- Air Thermoelectric Assembly

0000-AA-019-12-00

Specifications:

Cooling Power Q _{cmax} (W)	20
Running Current (A)	2.3
Nominal Voltage (V)	12
Max Voltage (V)	15
Power Input (W)	28
Operating Temperature (°C)	-10 to 48
Weight (kg)	0.6
MTBF (fans – hrs)	40,000
Performance Tolerance	±10%



Features

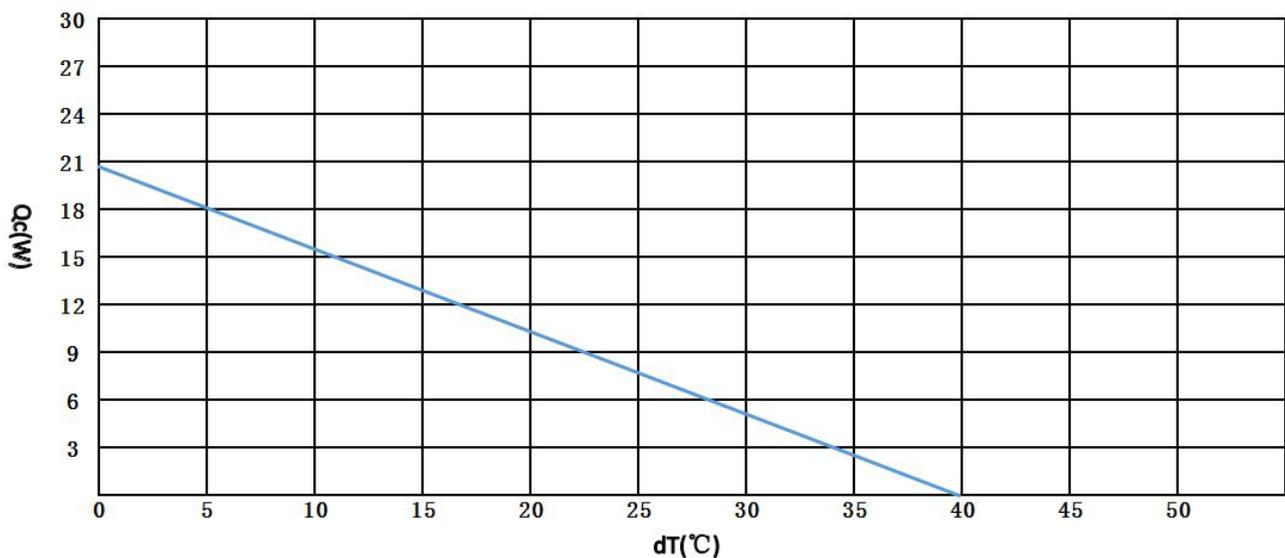
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

Applications

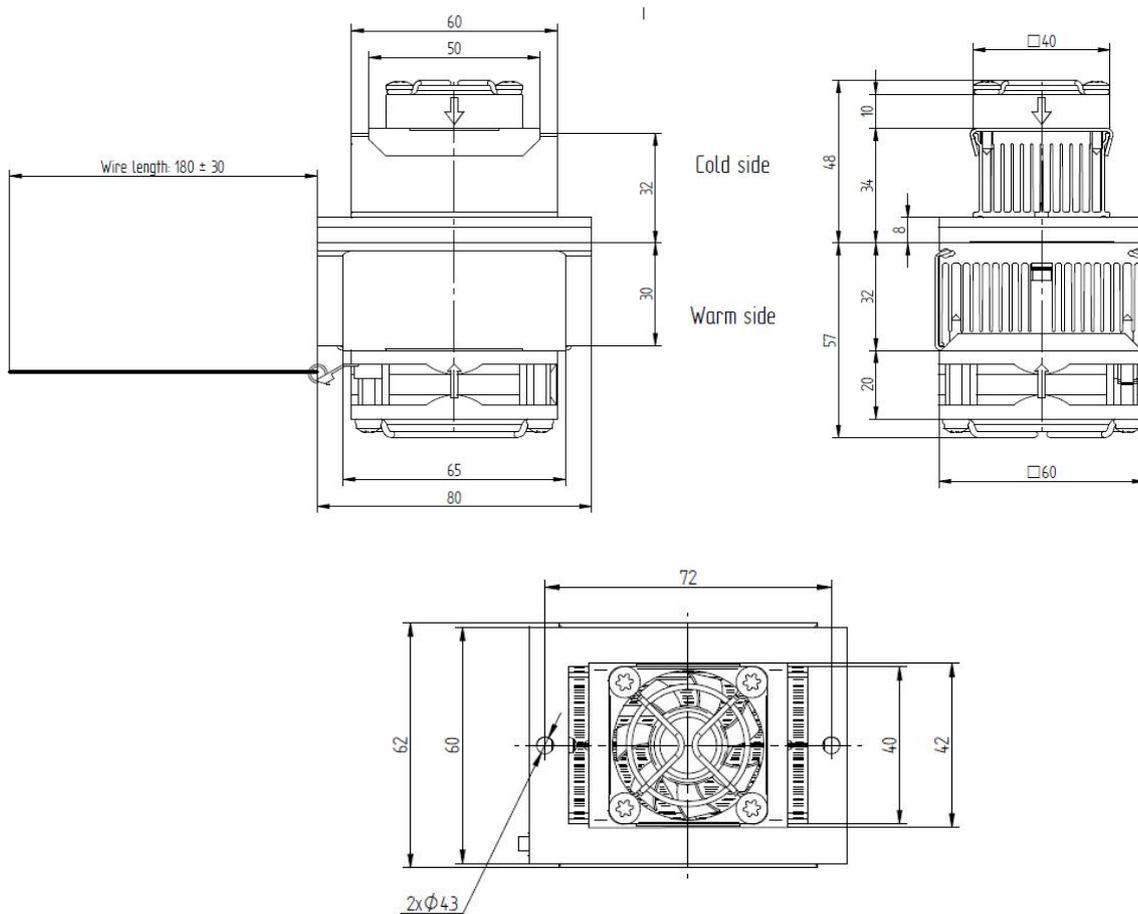
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

All products are manufactured in an ISO 9001:2008 certified facility and are designed to meet the cooling needs of many thermal management applications in the medical, analytical, industrial and

Performance Curve



Mechanical Drawing:



Installation and Service manual

Installation:

The TE assembly is mounted in a cabinet with "Hot side" mounted externally;
 Suitable cabinet cutout is 65x82mm;

Recommended for general purposes: the TE assembly is fastened with 4XM4 machine screws, 4XM4 flat washers so that the gasket material will seal off around the flange of the assembly.

Service:

Fan impellers and heat sinks must be cleaned on regular intervals to reduce risk for overheating and reduction of cooling function.

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