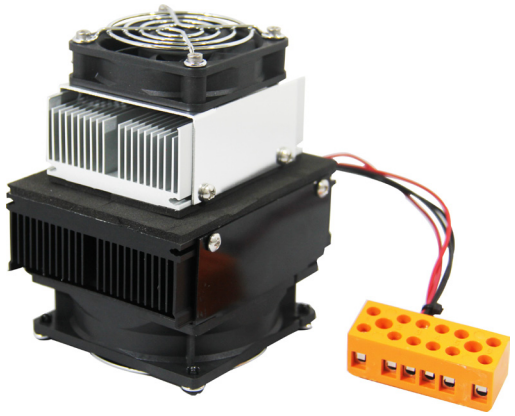
Air-to- Air Thermoelectric Assembly

AA-24-12

Specifications:	
Cooling Power Qcmax (W)	24
Running Current (A)	2.4
Nominal Voltage (V)	12
Max Voltage (V)	15
Power Input (W)	29
Operating Temperature (℃)	-10 to 50
Weight (kg)	0.6
MTBF (fans-hrs)	70,000
Performance Tolerance	±10%



Features

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

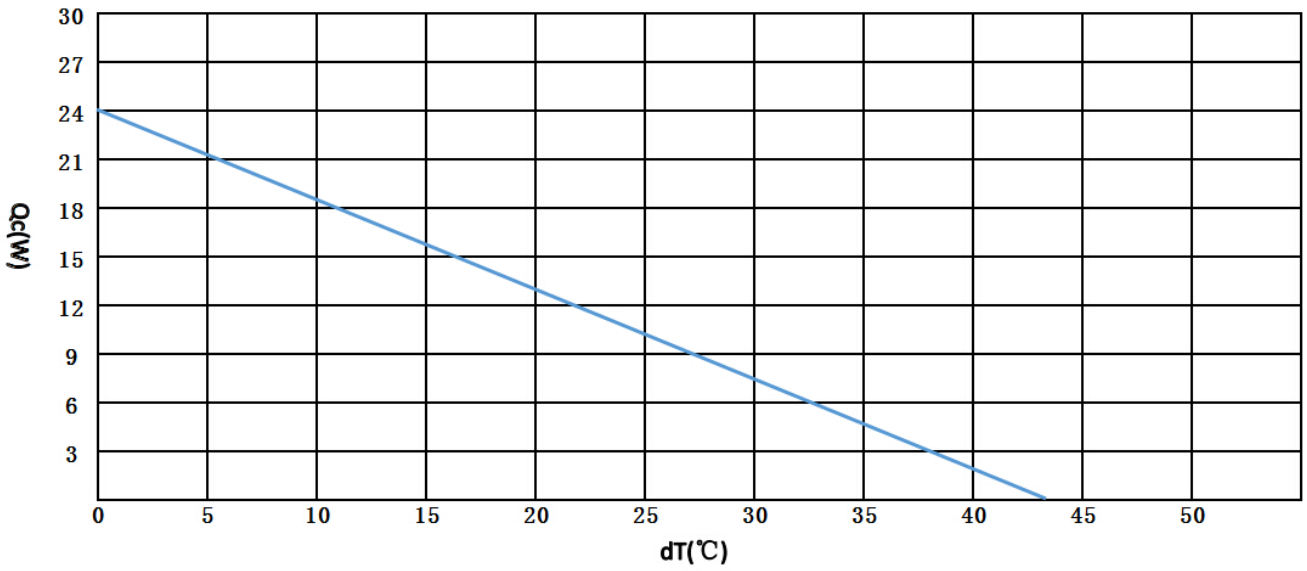
Applications

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

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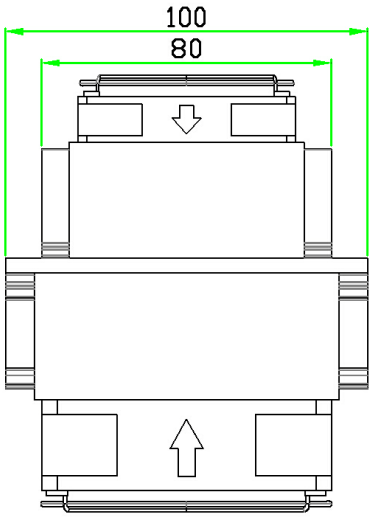
All products are manufactured in an ISO 9001:2008 & ISO/TS 16949:2009 certified facility and are designed to meet the cooling needs of many thermal management applications in the medical, analytical, industrial and telecom markets.

Performance Curve



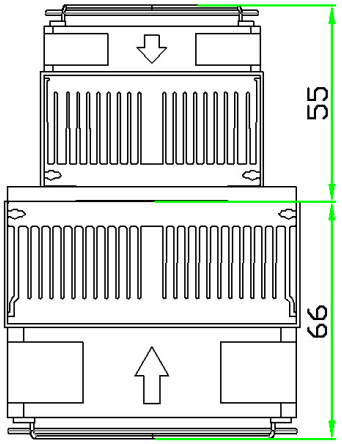
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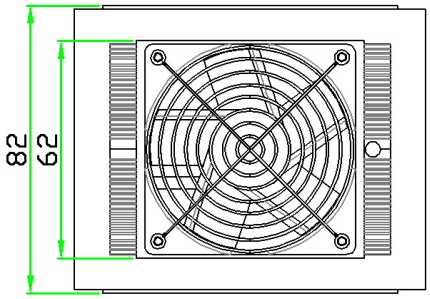
Mechanical Drawing

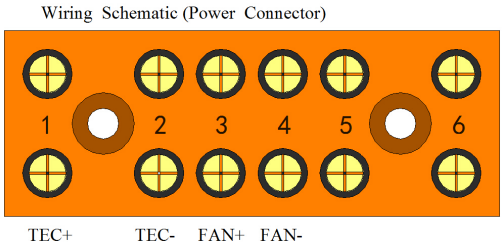


Cold side

Hot side







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 2XM4 machine screws,2XM4 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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