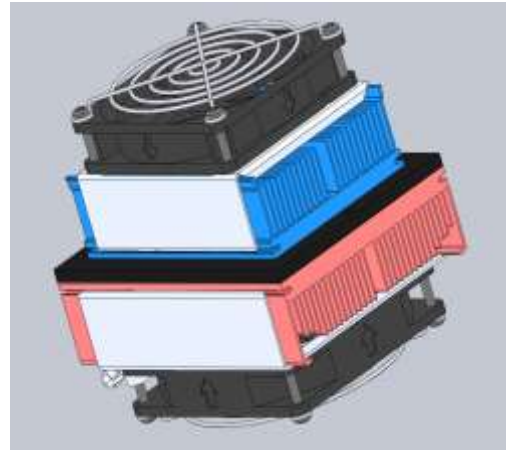


Thermoelectric AIR conditioner

AA-034-12

Specifications:

Cooling Power Qcmax (W)	35
Running Current (A)	5.0
Nominal Voltage (V)	12
Max Voltage (V)	14
Power Input (W)	60
Operating Temperature (° C)	-10 to 50
Weight (kg)	1.0
MTBF (fans - hrs)	70,000
Performance Tolerance	±10%



Features

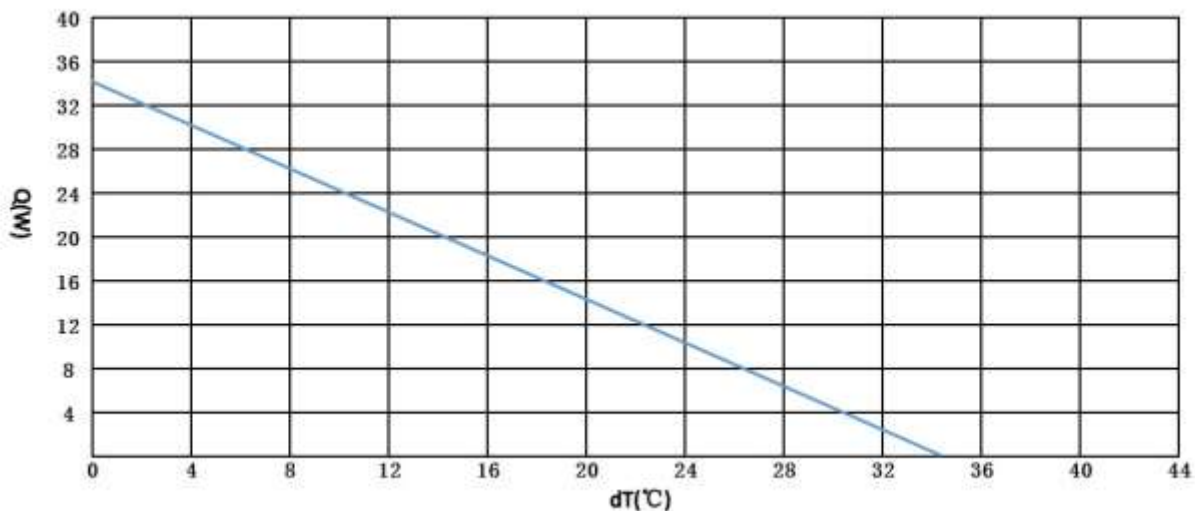
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

Applications

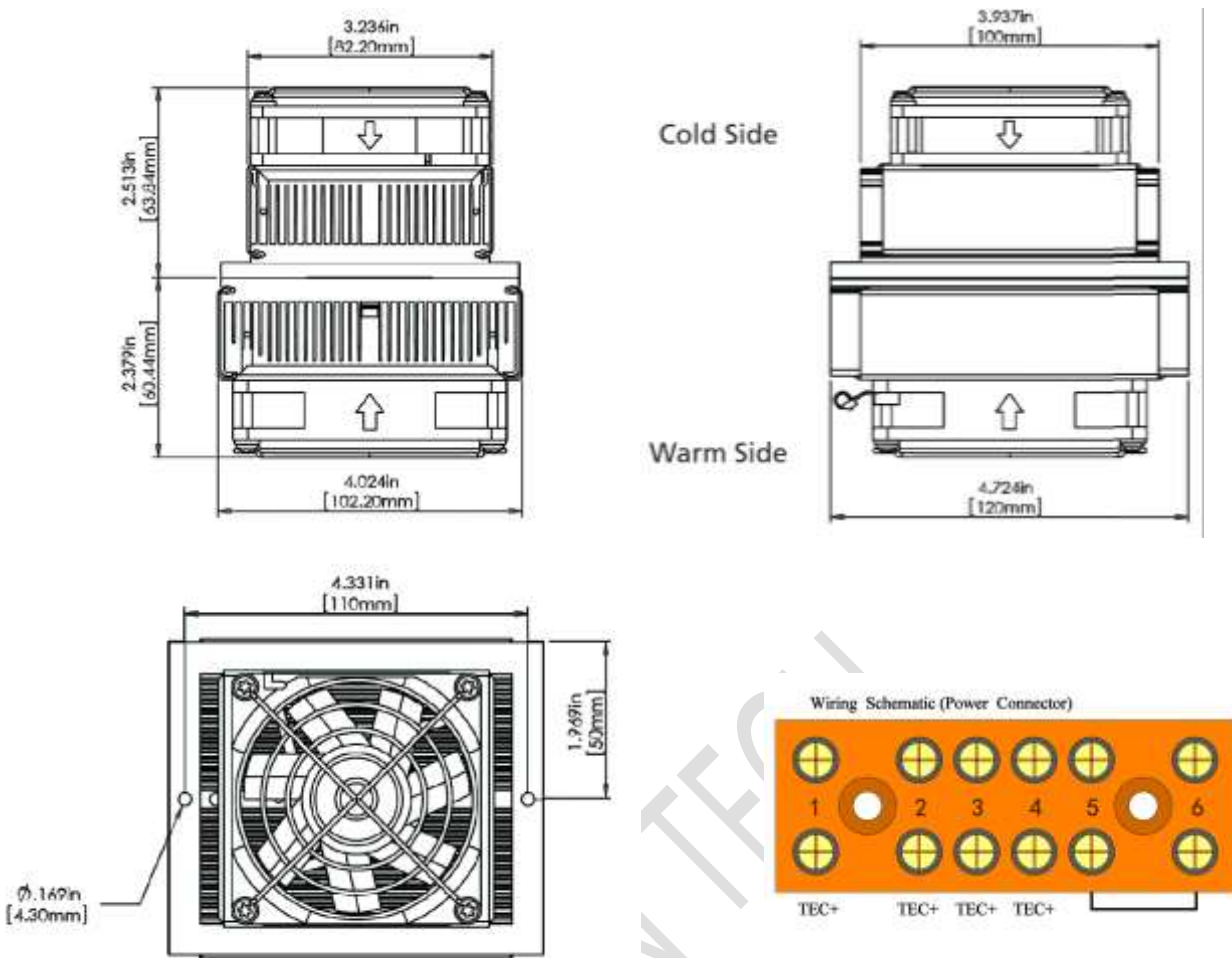
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

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:



Mechanical Drawing:



Installation and Service manual

Installation:

The TE assembly is mounted in a cabinet with “Warm side” mounted externally;

Suitable cabinet cutout is 84x102mm;

Recommended for general purposes: the TE assembly is fastened with 4Xm3 machine screws, 4x M3 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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