

## Air-to-Air Thermoelectric Assembly

AA-200-24-C

### Specifications:

Cooling Power $Q_{cmax}$ (W)	200
Running Current (A)	20.5
Nominal Voltage (V)	24
Max Voltage (V)	27
Power Input (W)	492
Operating Temperature (°C)	-10 to 50
Weight (kg)	7.3
MTBF (fans-hrs)	20,000
Performance Tolerance	± 10%



### Features

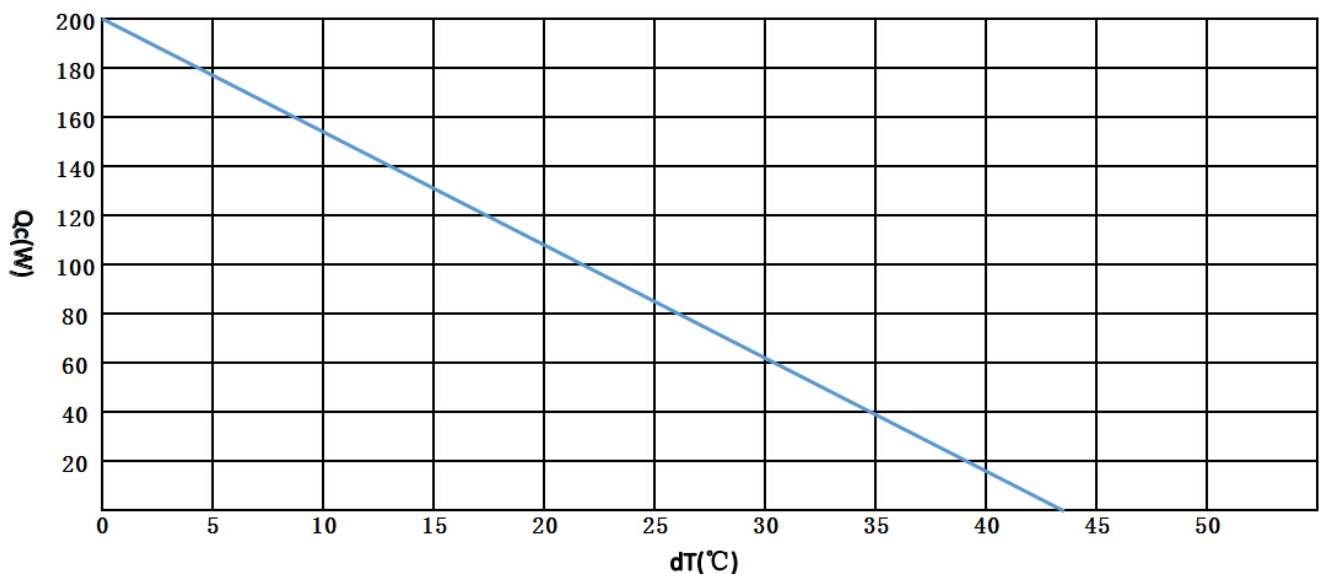
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

### Applications

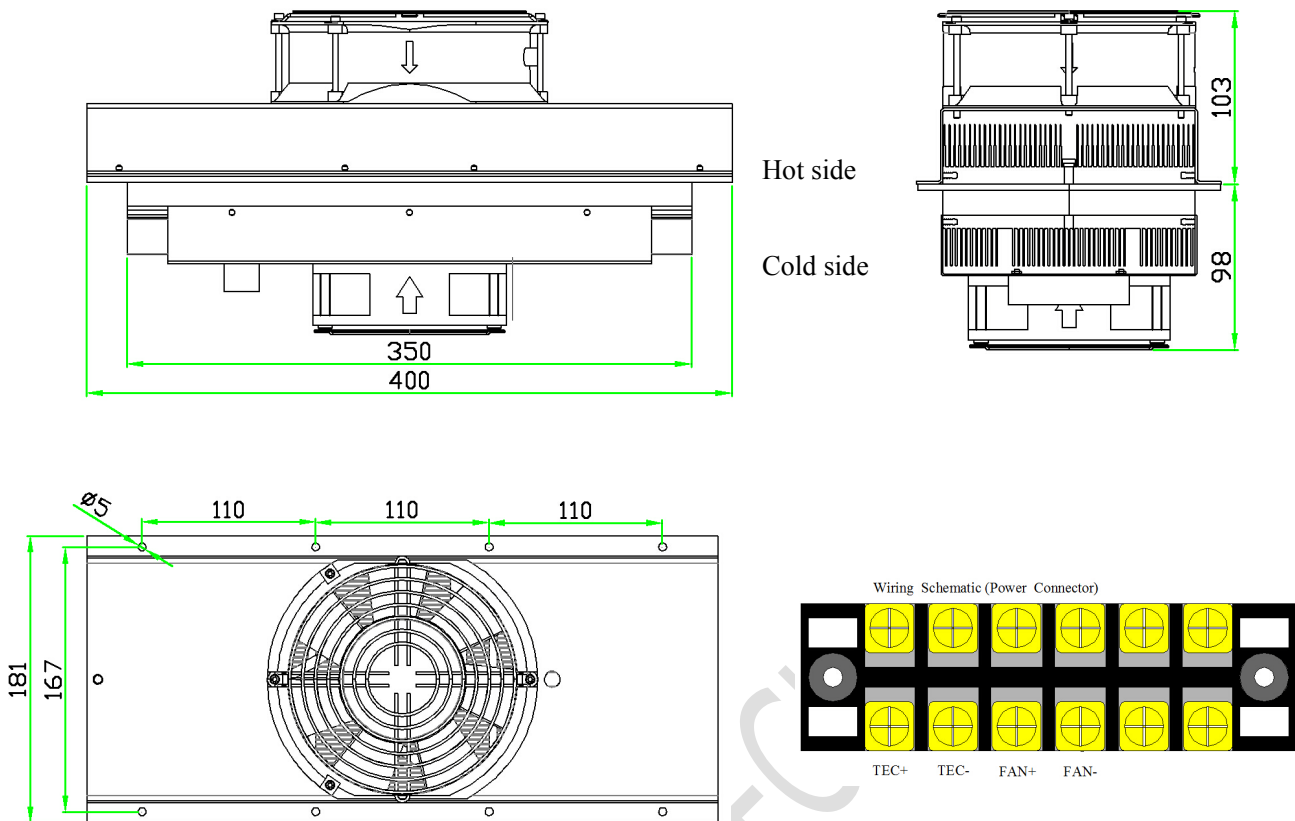
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

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 "Hot side" mounted externally;  
 Suitable cabinet cutout is 155x352mm;  
 Recommended for general purposes: the TE assembly is fastened with 8XM4 machine screws, 8XM4 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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