

**Direct-Air Thermoelectric Assembly**

DA-025-24

**Specifications:**

Cooling Power Qcmax (W)	26
Running Current (A)	1.7
Nominal Voltage (V)	24
Max Voltage (V)	27
Power Input (W)	41
Operating Temperature (°C)	-10 to 50
Weight (kg)	0.6
MTBF (fans-hrs)	50,000
Performance Tolerance	±10%



**Features**

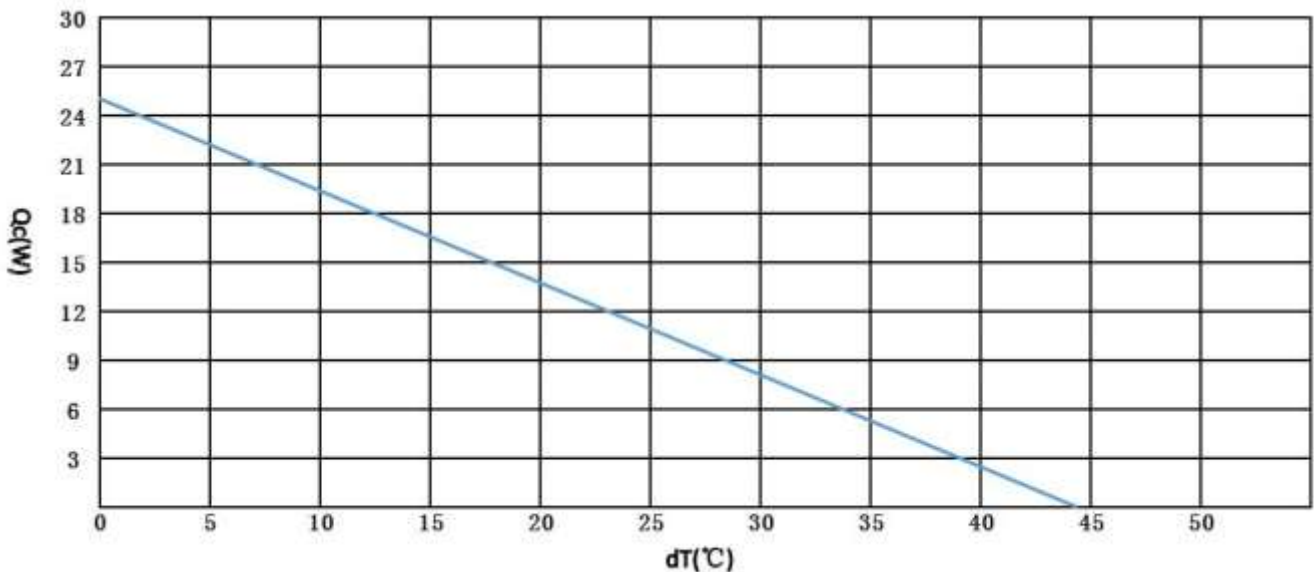
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

**Applications**

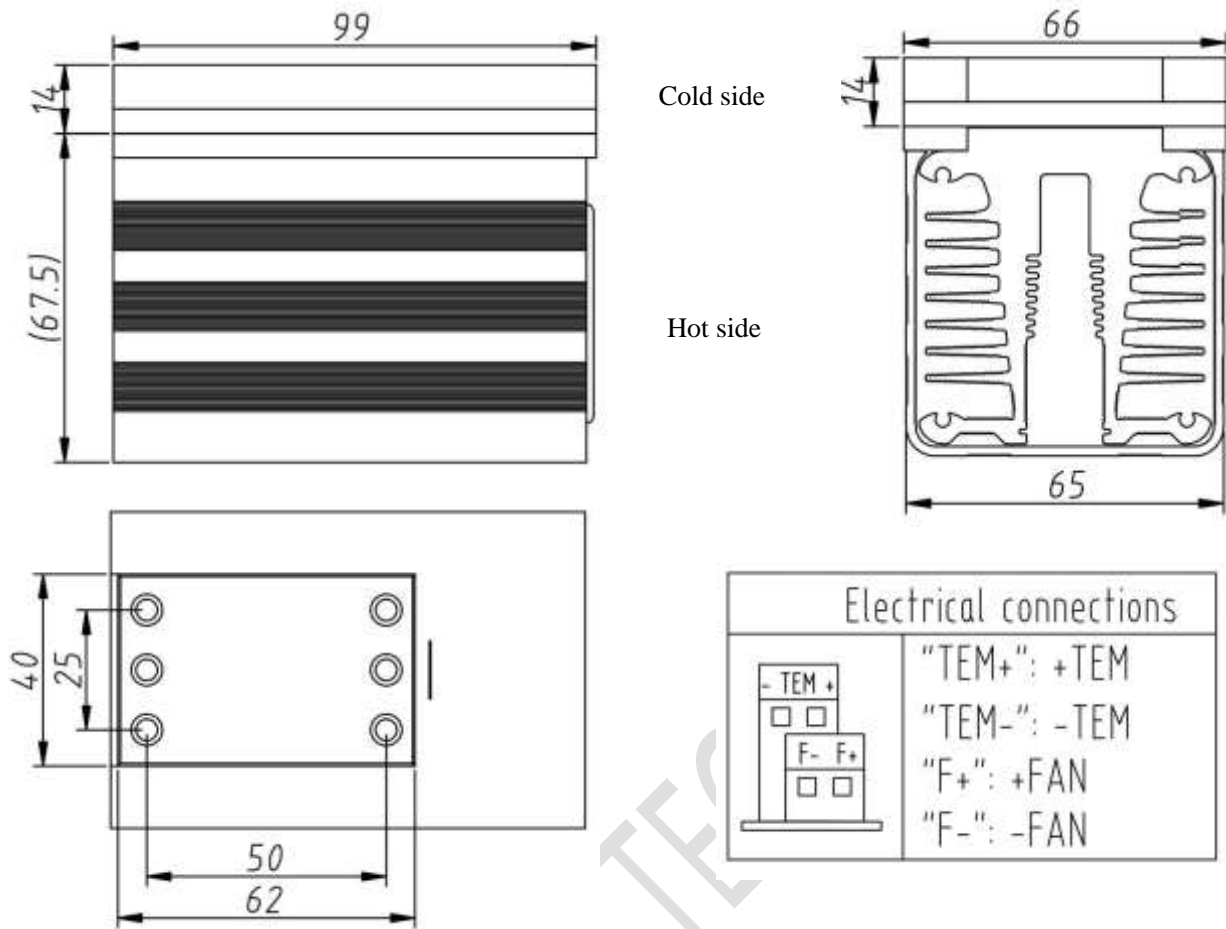
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

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 manual Service**

**Installation:**

1. Mounting holes:4×M5, max screw insertion depth 9.5mm;
2. The TE assembly must be protected from external force or violence;
3. Cooled parts need to be isolated from air humidity to minimize risk for condensation and thermally insulated for best performance.

**Service:**

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

**Address:** 5/F Xinfai Building 28<sup>th</sup> Xiangming Road,Torch (xiang'an) Hi-tech Zone, Xiamen Fujian China.

**Sales Tel:** +86-592-352 1988

**Fax:** +86-592-352 1989

**Postcode:** 361 101

**Web:** [www.pengnantech.com](http://www.pengnantech.com)