

**Liquid-to-Air Thermoelectric Assembly**

LA-115-48-00

**Specifications:**

Cooling Power $Q_{cmax}$ (W)	115
Running Current (A)	3.3
Nominal Voltage (V)	48
Max Voltage (V)	51
Power Input (W)	156
Operating Temperature ( $^{\circ}C$ )	-10 to 50
Weight (kg)	3.0
MTBF (fans-hrs)	70,000
Performance Tolerance	$\pm 10\%$



**Features**

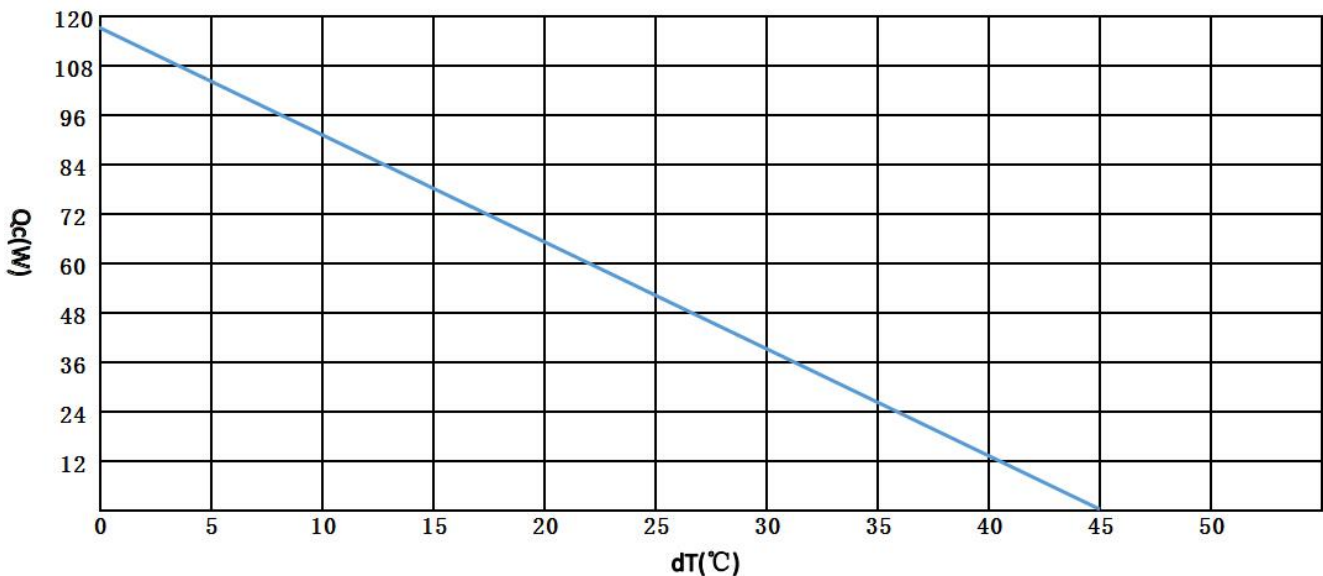
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

**Applications**

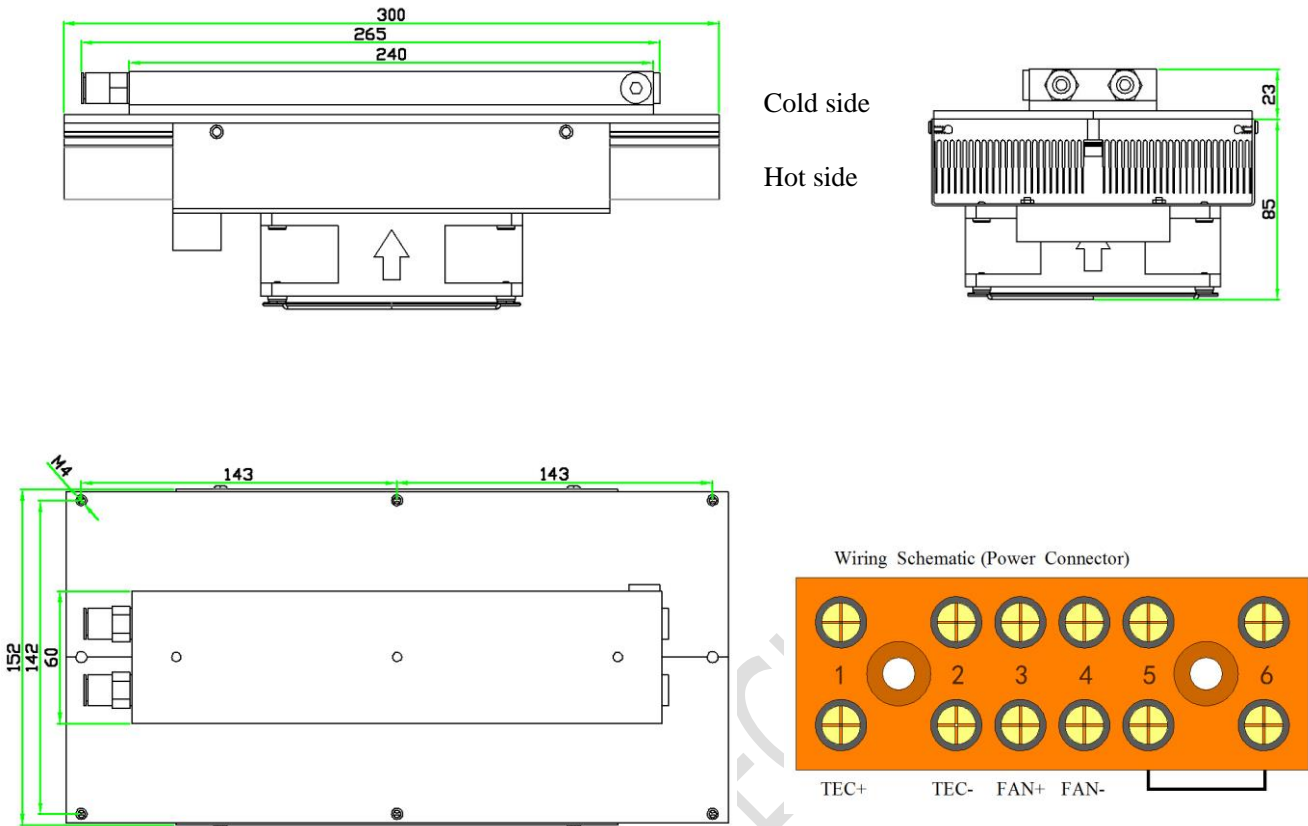
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

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**



**Service and Notes manual**

**Service:**

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

**Notes:**

Overheating Thermostat: 75°C ± 5°C on hot side heat sink surface.

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