

Plate-to-Liquid Thermoelectric Assembly

PL-120-12-00

Specifications:

Cooling Power Q_{cmax} (W)	120
Running Current (A)	8.4
Nominal Voltage (V)	12
Max Voltage (V)	15
Power Input (W)	101
Operating Temperature ($^{\circ}C$)	-10 to 63
Weight (kg)	0.68
Performance Tolerance	$\pm 10\%$



Features

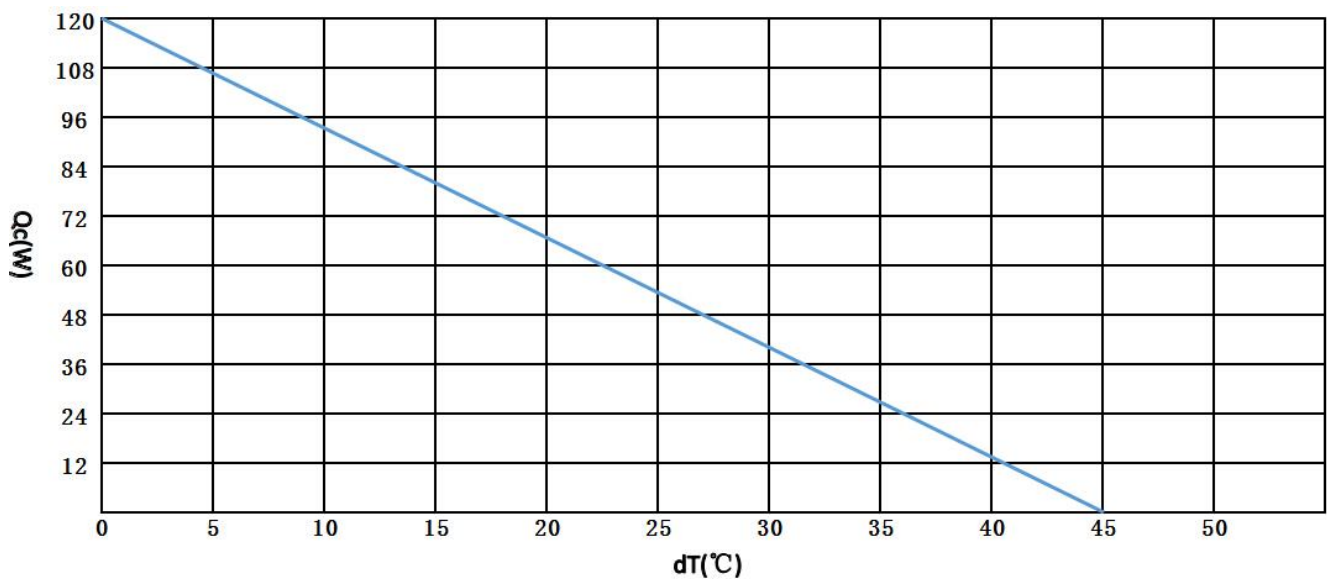
- Compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

Applications

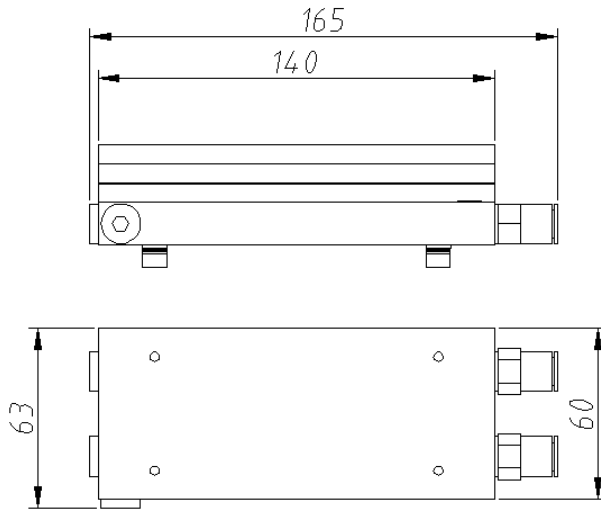
- Analytical instrumentation
- Medical diagnostics
- Photonics laser systems
- Industrial instrumentation
- Food and beverage cooling

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

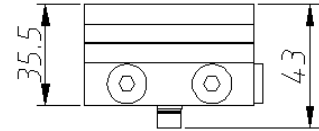


Mechanical Drawing



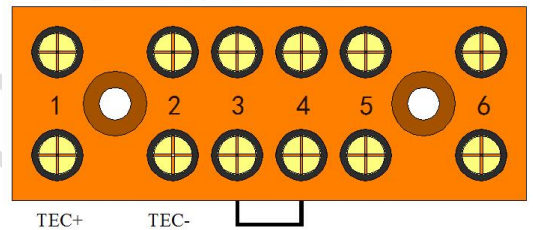
Cold side

Hot side



Quick couplings for outer diameter 8 mm pipe.

Wiring Schematic (Power Connector)



Notes:

For indoor use only.

Overheating Thermostat: $75^{\circ}\text{C} \pm 5^{\circ}\text{C}$ on hot side heat sink surface.

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