

Liquid-to-Air Thermoelectric Assembly

Model CA-075-LA-12-00



Description

Liquid-to-Air thermoelectric assemblies are used to cool (or heat) an object via liquid. Heat dissipated by an object will be absorbed by a liquid, transferred to a liquid heat sink and pumped by Peltier-modules to a heat sink with fan to discharge the heat to the environment. The liquid circuit is normally of a recirculating type with a pump. Because no refrigerant liquid (CFC's) is used, the assemblies are friendly for our environment. The coolers operate 100% on a DC-voltage. They are ready to use and the installation is easy. Our Liquid-to-Air series is available in several cooling capacities and voltages. Because we design and build our coolers in-house, we are able to build special versions quickly. Please ask for the possibilities.

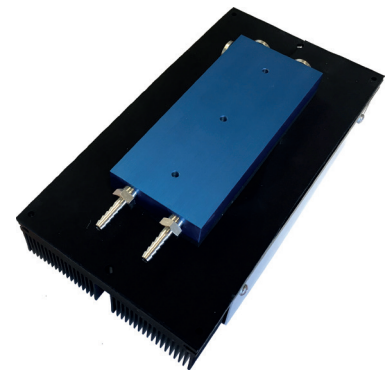


Product photo (warm side)

Technical specifications

Cooling power (at 0°C dT)	: 79 Watt (±10%)*
Supply	: 12 VDC
Nom. current (excl. fan)	: 7,6 A
Initial current (excl. fan)	: 9,6 A
Fan(s) current at 12 VDC	: 0,27 (total)
Power consumption (nom.)	: 95 W (±10%)
Max. ambient temperature	: +44°C
Thermostat (Over Heat)	: 75°C ±5°C
Weight	: 1,9 kg
CE / RoHS 2 compliant	: yes
Packing	: Individual carton box

* at 25°C ambient temperature



Product photo (cold side)

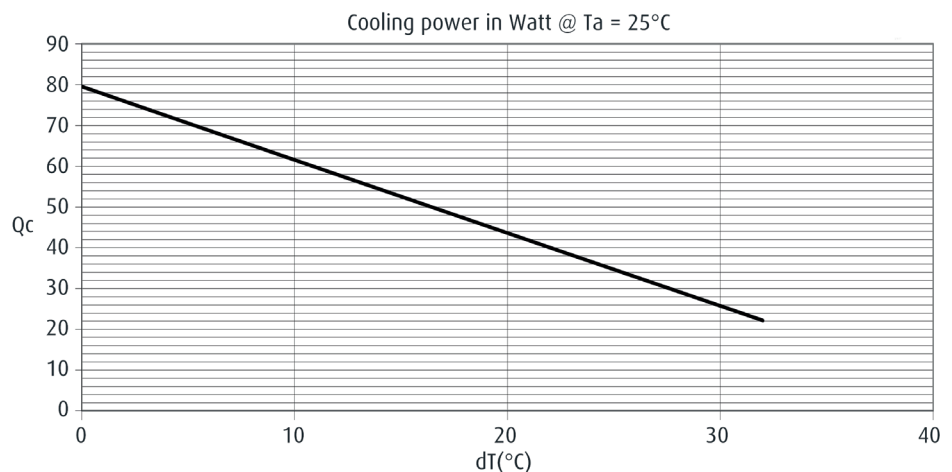
Benefits & Application areas

BENEFITS

- Compact design
- High cooling capacity
- DC operation
- Easy installation
- Reliable solid-state technique

APPLICATION AREAS

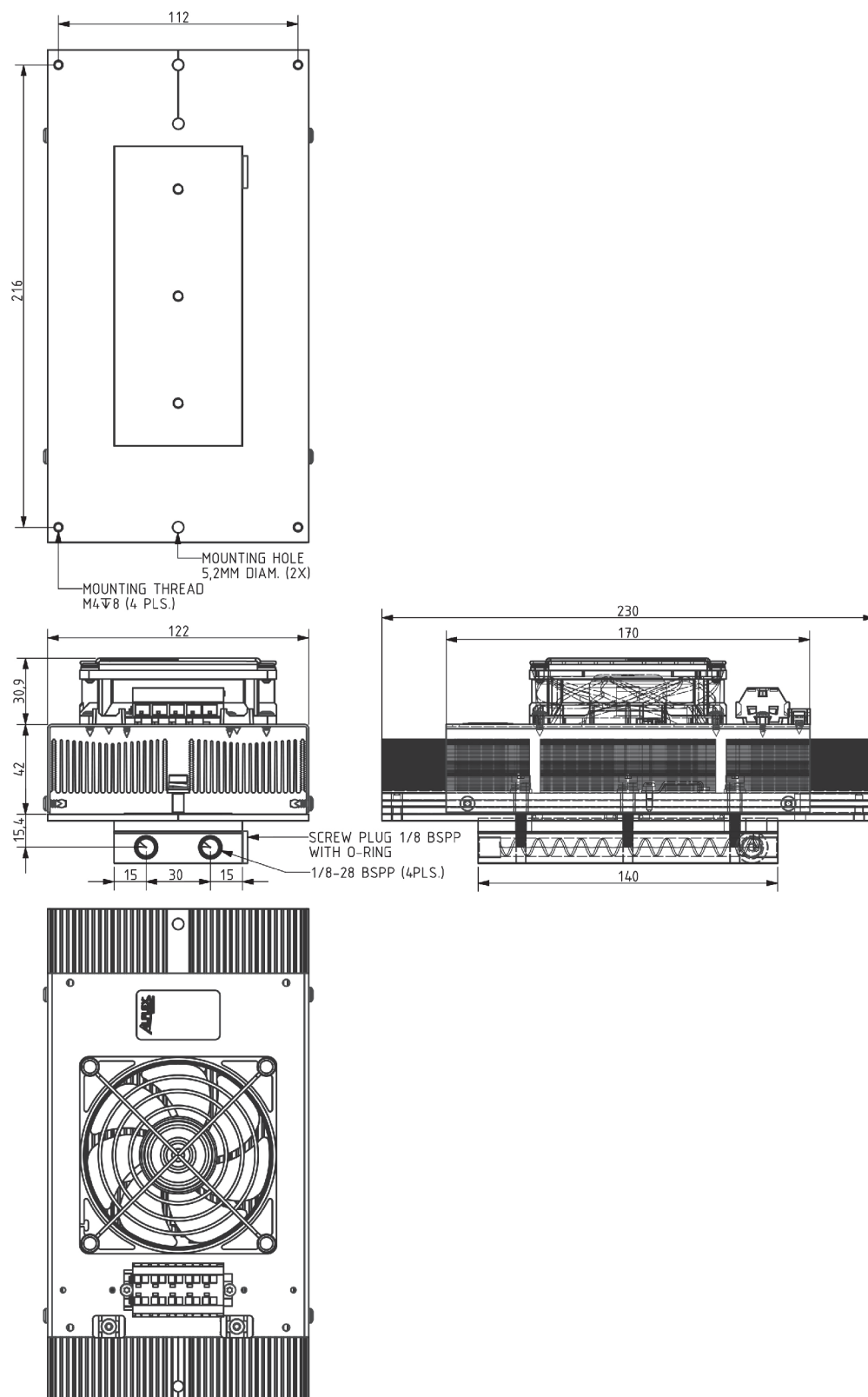
- Laboratories
- Medical lasers
- Analytical instrumentation
- Thermal conductive enclosures
- Industrial lasers
- Semiconductor testing



All specifications are subject to change without notice.

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Dimensions



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