

Peltier Liquid to Air Cooler

Model No. SDLA-100-12、SDLA-100-24、SDLA-100-48



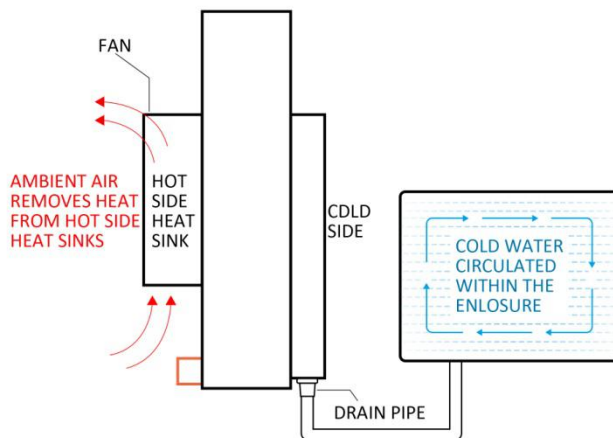
Features:

- Maintenance free design with no moving components (other than fans)
- No compressor, refrigerant or filters
- Compact size, lightweight, convenient to install and operate
- Construction (Aluminum Alloy) for indoor or outdoor use
- Standard models to 55°C (High ambient models avail.)
- Recommended for Horizontal and vertical mounting
- DC power configurations
- Complete 12 month warranty

Description

SANDA's 100 W thermoelectric Liquid to Air series used to cool or heat a liquid or gas flowing through a heat sink. Peltier liquid heat sink is designed for a recycling system. The heat is absorbed by the liquid heat sink, pumped through the peltier modules, and then dissipated to the air by an air heat sink.

Principles of Operation



Applications

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

Configurations

Model No	Cooling	Voltage (DC)	Rated Power
SDLA-100-12	100W	12	210W
SDLA-100-24	100W	24	210W
SDLA-100-48	100W	48	210W



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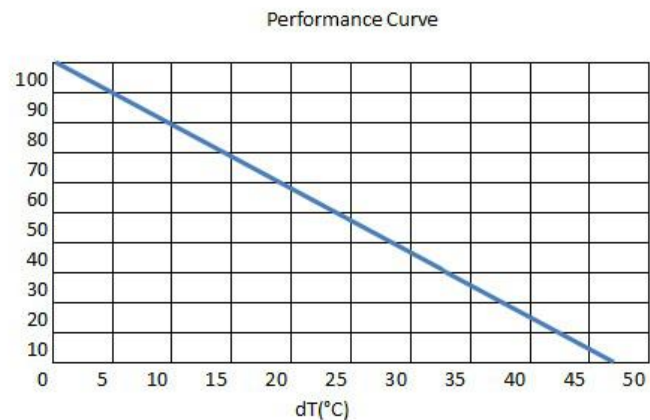
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100W (DC) Liquid-to-Air Conditioner

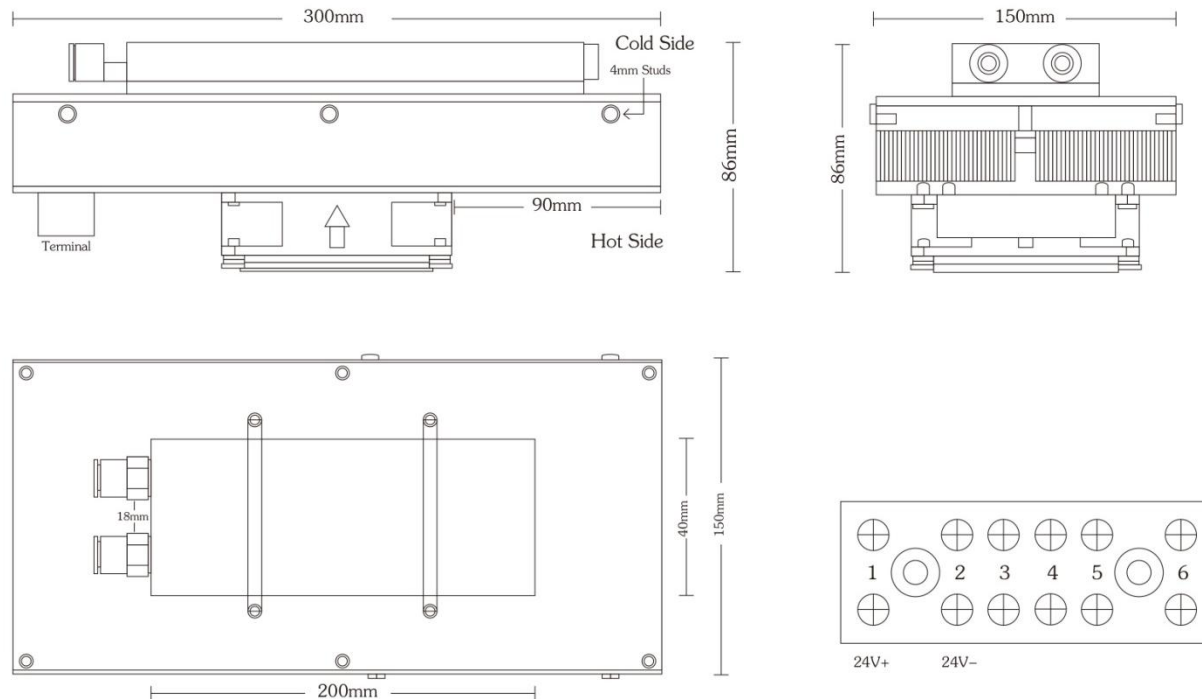
Specifications

Capacity	100W (340btu/h)
Type	Semi-Embedded mount
MTBF (fans-hrs)	70,000
Construction	Aluminum Alloy (covers)
Size	300mm L x 150mm W x 86mm H body
Operating Range	Up to 50 degrees C (high ambient models available)
Temperature Control	Adjustable thermostat for optional
Power	24 VDC
Includes	Mounting hardware and manual
Weight	2.65kg
Warranty	One year

Thermal Performance



Drawings



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