



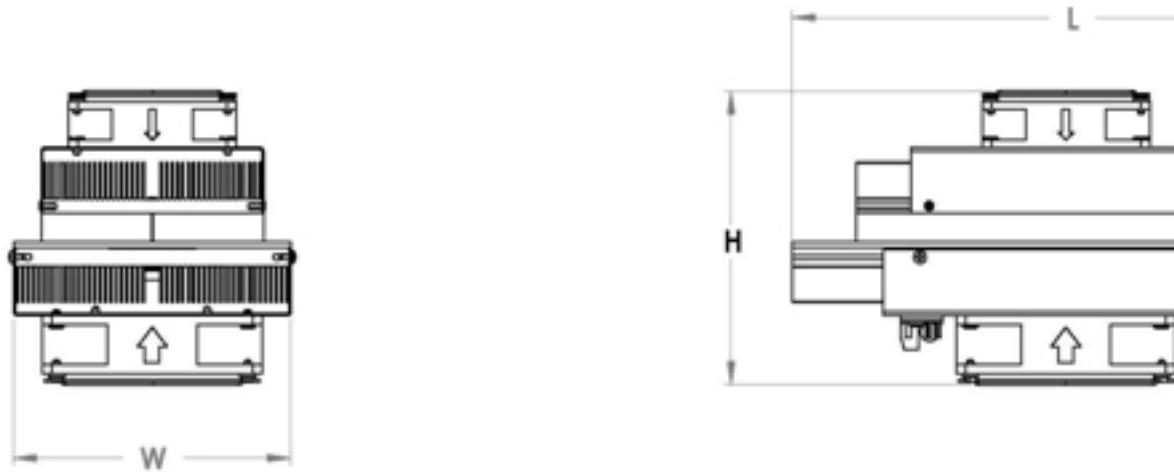
Cascade Series Thermoelectric Assemblies

Stock Locator

The Cascade Series TEAs are designed with custom multistage thermoelectric modules to achieve a high temperature differential. This product series can produce up to 40% more cooling capacity at cold temperatures, surpassing standard product offerings with similar form factors. The Cascade Series is offered in two heat transfer mechanism configurations:

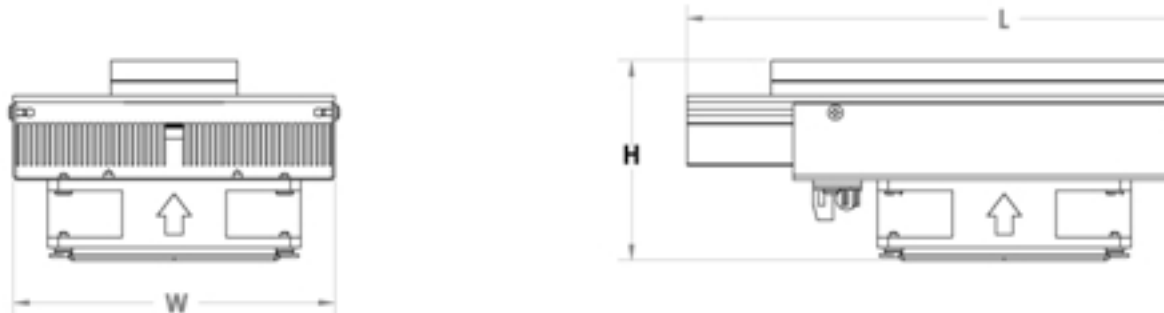
Air to Air

The AA Cascade Series is an Air-to-Air thermoelectric assembly (TEA) that offers dependable, compact performance by cooling objects via convection. Heat is absorbed and dissipated thru high density heat exchangers equipped with air ducted shrouds and brand name fans. The heat pumping action is created by thermoelectric modules that are custom designed multistage cascades to achieve a high temperature differential, which allows this series to reach colder temperatures than standard AA product offerings. Custom configurations are available. however MOQ applies.



Direct to Air

The DA Cascade Series is an Direct to Air thermoelectric assembly (TEA) that offers dependable, compact performance by cooling objects via conduction. Heat is absorbed through a cold plate and dissipated thru a high density heat exchanger equipped with an air ducted shroud and brand name fan. The heat pumping action is created by thermoelectric modules that are custom designed multistage cascades to achieve a high temperature differential, which allows this series to reach colder temperatures than standard DA product offerings. Custom configurations are available. however MOQ applies.



FEATURES

- High Heat Pumping Capacity at Cold Temperatures
- Precise temperature control
- Reliable solid-state operation
- Compact design

Applications

Item #	Max Cooling Capacity	Current	Voltage	Height	Length	Width	Performance Curve
AAC-050-24-22-00-00	49 watts	4.7 A	24 V	152 mm	230 mm	122 mm	E
DAC-035-12-02-00-00	31 watts	4.8 A	12 V	91 mm	160 mm	122 mm	E
DAC-060-24-02-00-00	58 watts	4.6 A	24 V	91 mm	230 mm	122 mm	E

Results 1 - 3 of 3