



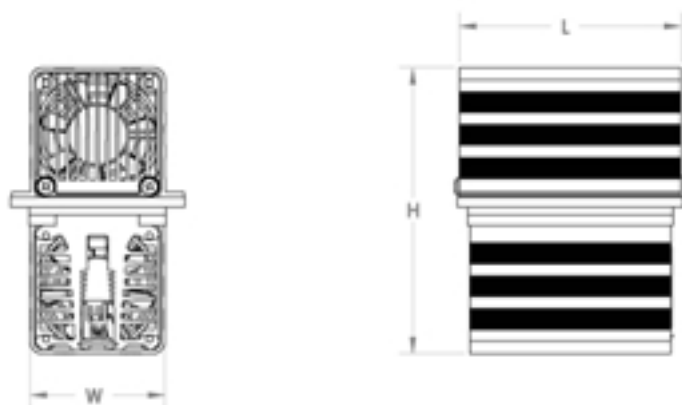
Tunnel Series Thermoelectric Assemblies

Stock Locator

The Tunnel Series TEAs are designed with a patented, high-performance cross flow technology that maximizes heat transfer when pulling air through a heat exchanger. The number of airflow paths required to operate is reduced when compared to traditional impingement flow TEAs. This product series is offered in two heat transfer mechanism configurations:

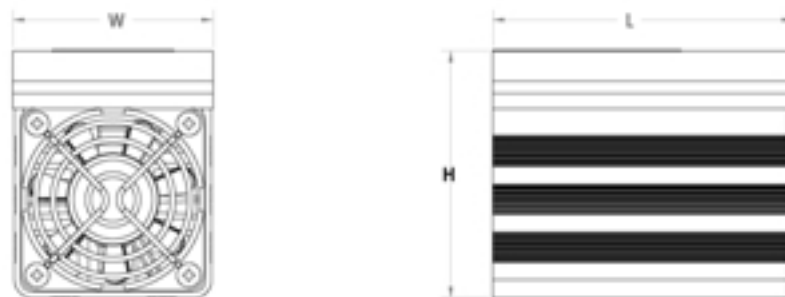
Air to Air

The AA Tunnel Series is an Air-to-Air thermoelectric assembly (TEA) that minimizes the number of airflow paths required to operate. It offers dependable, compact performance by cooling objects via convection. Heat is absorbed and dissipated through high density heat exchangers equipped with air ducted shrouds and brand name fans. The heat pumping action is generated by thermoelectric modules, which are custom designed to achieve a high coefficient of performance (COP) to minimize power consumption. Custom configurations are available. however MOQ applies.



Direct to Air

The DA Tunnel Series is a Direct-to-Air thermoelectric assembly (TEA) that minimizes the number of airflow paths required to operate. It offers dependable, compact performance by cooling objects via conduction. Heat is absorbed by a cold plate and dissipated through a high density heat exchanger equipped with an air ducted shroud and a brand name fan. The heat pumping action is generated by thermoelectric modules, which are custom designed to achieve a high coefficient of performance (COP) to minimize power consumption. Custom configurations are available. however. MOQ applies.



Features

- Tunnel Series compact design
- Precise temperature control
- Reliable solid-state operation
- DC operation
- RoHS compliant

Applications

- Analytical instrumentation
- Medical diagnostics

Item #	Max Cooling Capacity	Current	Voltage	Height	Length	Width	Performance Curve
AA-027-12-22-00-00	28.5 watts	3.1 A	12 V	138 mm	107 mm	68 mm	D
AA-035-24-22-00-00	33 watts	2.2 A	24 V	138 mm	180 mm	68 mm	A
DA-011-05-02-00-00	11 watts	2.2 A	5 V	56 mm	60 mm	44 mm	C
DA-020-12-02-00-00	19 watts	2.7 A	12 V	82 mm	99 mm	65 mm	C
DA-025-24-02-00-00	25 watts	1.6 A	24 V	82 mm	99 mm	65 mm	C
DA-033-12-02-00-00	32 watts	3.1 A	12 V	82 mm	99 mm	66 mm	B
DA-039-12-02-00-00	40 watts	3.9 A	12 V	82 mm	180 mm	65 mm	A

Results 1 - 7 of 7

Mouser Electronics

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