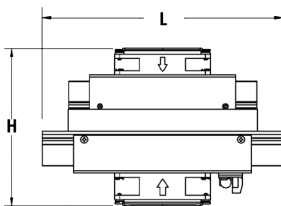
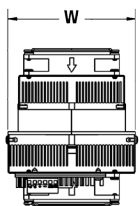
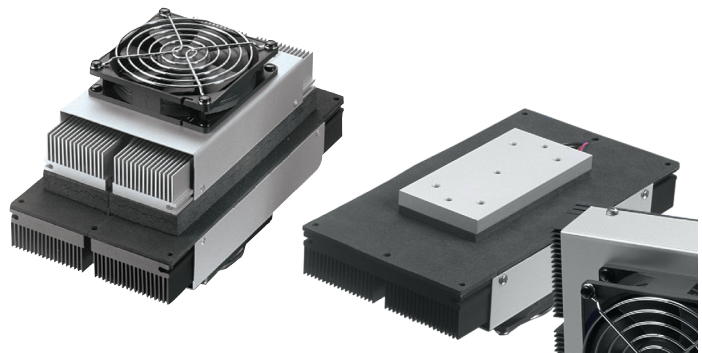
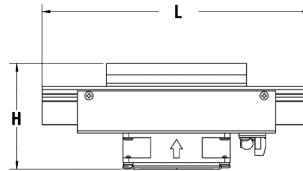
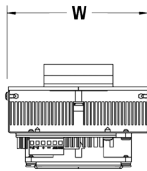


## Cascade Series

The Cascade Series is a TEA that is specifically designed to reach colder temperatures than standard TEA product offerings. The TEMs are custom designed multistage cascades that achieve a high cooling capacity ( $Q_c$ ) at high temperature differentials ( $\Delta T$ ). The cold side mechanism can transfer heat using convective (sink and fan) or conductive (cold plate) means. This product series is offered in 12 or 24 volt configurations and is designed for indoor use in lab instruments.



Air-to-Air



Direct-to-Air

PART NO.	COOLING POWER	NOMINAL VOLTAGE (V)	CURRENT (A)	DIMENSIONS (mm)		
				Height	Length	Width
AAC-050-24-22-00-00	49	24	4.7	152	230	122
DAC-035-12-02-00-00	31	12	4.8	91	160	122
DAC-060-24-02-00-00	58	24	4.6	91	230	122