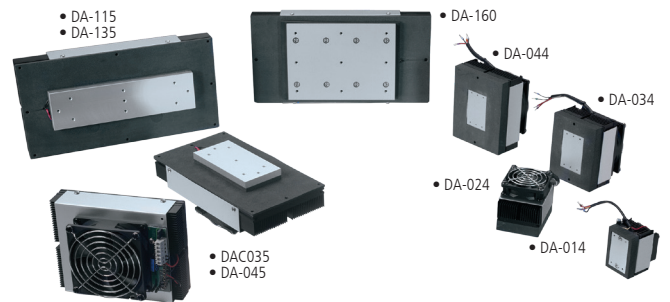
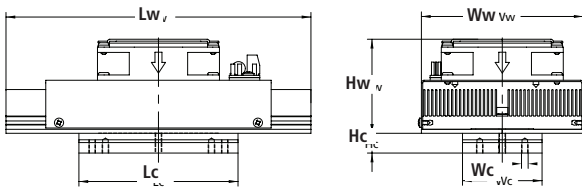


# Power Cool Series

The Power Cool Series offers the widest selection of cooling capacities ranging from 20 to 193 Watts. The TEAs use impingement flow to dissipate heat on the hot side. The cold side heat transfer mechanism can absorb heat using convection (heat sink and fan), conduction (cold plate), or liquid (heat exchanger) means. This product series is offered in 12 or 24 VDC configurations. For 100 Watt systems and higher, 48 VDC is available. The Power Cool Series is designed for indoor use in the medical, analytical, and industrial markets.

## Direct-to-Air Systems (DA)

Direct-to-Air Assemblies offer dependable, compact performance by cooling objects via conduction. Heat is absorbed through a cold plate, pumping the heat through the TEM and dissipating it into the air through a heat sink equipped with fan and shroud. Specifications apply to an ambient temperature of 32°C and nominal voltage with tolerances ±10%.



PART NO.	COOLING POWER (W)	NOMINAL VOLTAGE (V)	CURRENT (A)	WEIGHT (kg)	DIMENSIONS (mm)					
					Lw	Lc	Ww	Wc	Hw	Hc
DA-014-12-02-00-00	12	12	1.8	0.2	60	50	40	30	44	11
DA-024-12-02-00-00	24	12	2.4	0.3	80	60	60	40	56	14
DA-034-12-02-00-00	34	12	2.6	0.5	100	60	80	40	59	14
DA-034-24-02-00-00	34	24	1.9	0.5	100	60	80	40	59	14
DA-044-12-02-00-00	42	12	3.8	0.6	120	60	100	40	60	14
DA-044-24-02-00-00	44	24	2.2	0.6	120	60	100	40	60	14
DA-045-12-02-00-00	48	12	6.1	1.2	160	60	122	60	71	15
DA-045-24-02-00-00	45	24	2.5	1.2	160	60	122	60	71	15
DA-075-12-02-00-00	71	12	7.2	1.7	230	120	122	60	71	15
DA-075-24-02-00-00	71	24	3.7	1.7	230	120	122	60	71	15
DA-115-24-02-00-00	113	24	5.8	2.9	300	220	152	60	78	16
DA-135-24-02-00-00	135	24	6.9	2.9	300	220	152	60	78	16
DA-160-24-02-00-00	160	24	7.4	3.5	300	180	152	130	84	16

