

POWER ELECTRONICS COOLING



Power Electronics Coolers overview

As electric traction systems become more complex GTS have a range of power electronics cooling systems suitable for a variety of applications across the bus and coach, off-highway, commercial vehicle and specialist vehicle sectors.

Starting from 1-fan systems all the way up to 6-fan systems configurable with integrated fan control (V3 controller) and header tanks, we are confident we will have a plug and play solution to meet your needs. To calculate the most suitable system for you based on the thermal performance requirements, all we need to know is ambient temperature limit, coolant flow rate (l/min), heat rejection (kW) and desired coolant temperature.

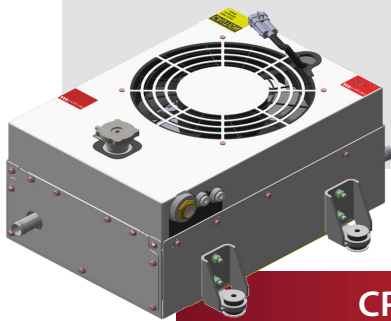
Taking a solution from our large range of existing products can provide you with the peace of mind that the system is reliable from a proven track record of operating across different vehicle markets worldwide.

TECHNICAL SPECIFICATIONS

	L (mm) (Inch)	W (mm) (Inch)	D (mm) (Inch)	Weight (kg) (lb)	Amb Capability (°C) (°F)	Cooling Capacity (kW) (BTU)	Coolant Flow (l/min)	Coolant Outlet Temperature (°C) (°F)
1 Fan CP-6082-100	530 20.8	371 14.6	230 9	29.5 65	46 114	6 20472	22l/min	55 131
2 Fan CP-6064-000	602 23.7	630 24.8	275 10.8	41.36 91	50 122	25 85303	40 l/min	73 163
3 Fan CP-4771-300	998 39.2	567 22.3	310 12.2	58.25 128	41 105	14 47769	63 l/min	50 122
4 Fan CP-4705-200	827 32.5	1081.5 42.5	393 15.4	110.24 243	48 118	100 341214	200 l/min	95 203
6 Fan CP-6345-000	1364 53.7	906 35.6	438 17.2	132.47 292	50 122	35 119424	50 l/min	55 131



CP-4771-300

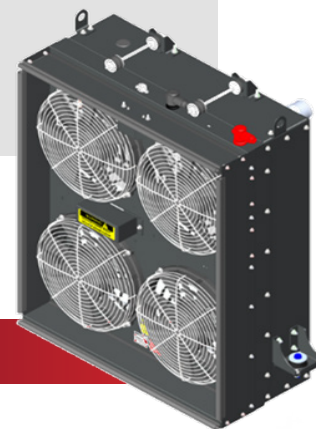


CP-6082-100

Integrated Heater Tank & No V3 Controller



CP-6064-000



CP-4705-200



CP-6345-000

HIGH VOLTAGE UNIT
CP-4465-000
400VAC 3 Phase

L (mm) (Inch)	W (mm) (Inch)	D (mm) (Inch)	Weight (kg) (lb)	Amb Capability (°C) (°F)	Cooling (kW) (Btu/hr)	Coolant Flow (l/min)	Coolant Outlet Temperature (°C) (°F)
725 28.5	869 34.2	305 12.0	59.8 131	41 105	20 68242	50 l/min	59 138

