



Power Convector **PC-500**

Even temperature distribution, small footprint, numerous layout options and easy to install

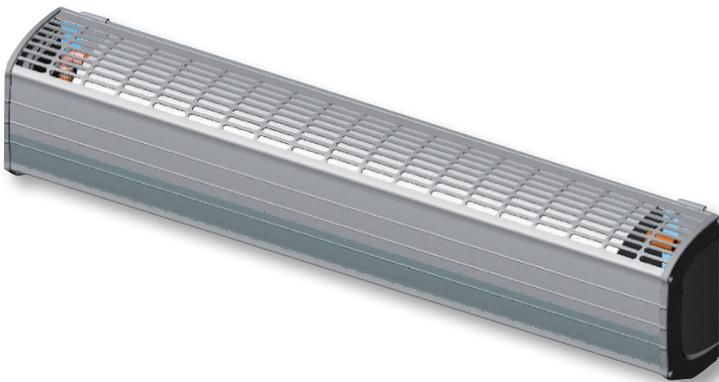
PC-500 (Power Convector) is a patented “cross-over” product featuring the benefits of a normal convector and that of a fan assisted heating unit.

The PC-500 has three operating modes:

Normal convector mode, (Free-Flow) warm air rises naturally (convection) from the unit.

Fan half-speed mode, (Forced-Air) draws the air from the top of the unit through the fins and out to the floor. Once on the floor the warm air mixes and rises to the top.

Fan full-speed mode, (Forced-Air) gives instant heating results by taking maximum heat from the PC-500 and distributing this air all over the floor.



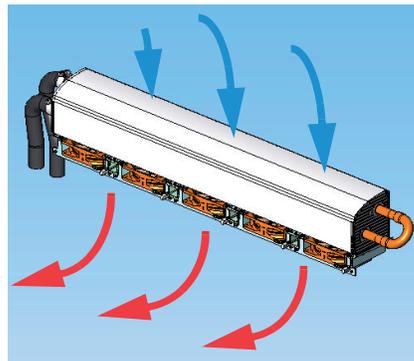
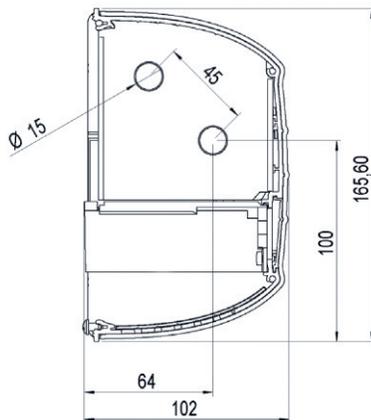
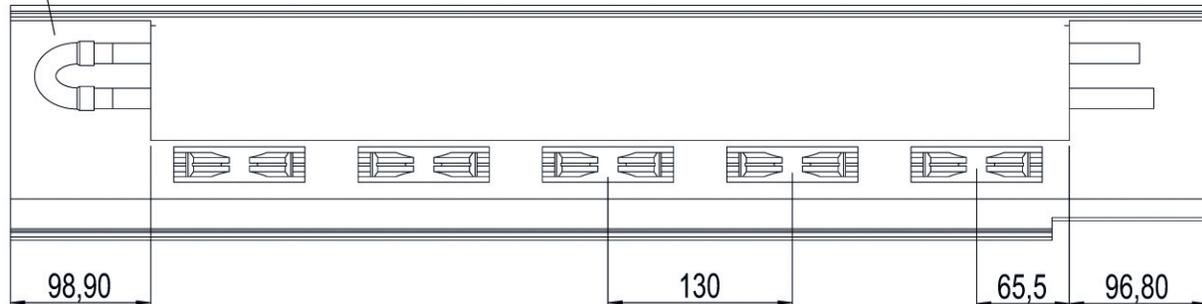
Features

- Ideal for buses, coaches and other vehicles
- Designed to work in any climate region
- Can be ordered with one fan (10”/250 mm unit) up to 15 fans (236”/6 m unit)
- Multiple fans can be mounted according to customer’s heating specifications
- Covers can be easily removed for maintenance
- Max number of PC-500 in series 3 units connection
- Available both 12V and 24V versions

Power Convector PC-500

MCC Convector

Cover profile



Technical Data

	Fan Mode – One meter section, 5 fans	Radiant Mode – One meter section
Heat output	10236 Btu/hr (3kW) Q_{60} ^[1] 16378 Btu/hr (4.8 kW) Q_{100} ^[1]	1587 Btu/hr (0.46 kW) Q_{60} ^[1] 2423 Btu/hr (0.71 kW) Q_{100} ^[1]
Piping ^[2]	Ø 0.59" (15 mm)	Ø 0.59" (15 mm)
Weight Copper	9.5 lbs (4.3 kg)	8 lbs (3.7 kg)
Weight Aluminium	8.5 lbs (3.9 kg)	7 lbs (3.3 kg)
Maximum length	197" (5 m)	197" (5 m)
Color	Silver anodized aluminium	Silver anodized aluminium
	Please contact your MCC representative for more details	

[1] The Q_x value stands for the power in kW emitted from a unit length (1m) of the convector at a temperature difference between coolant inlet and room air equal to the subscript (x).

[2] Custom piping may be available

