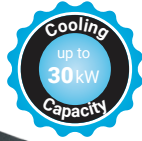
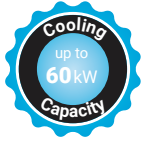


Front Cooler: Chilled Water Based Cooling



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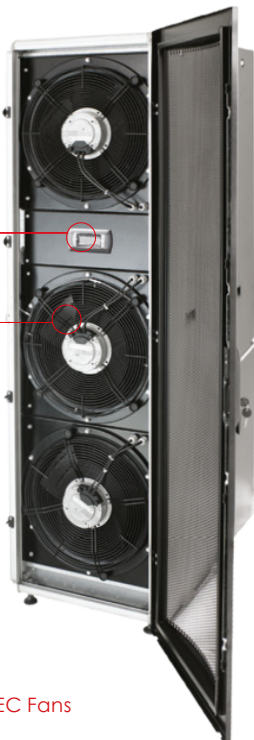


Controller by

CAREL



Pressure Controlled EBM-Papst EC Fans



CANCool-FCW Chilled Water Based Cooling

- Specially developed for cold & hot aisle containment applications
- Modular construction
- In-Row Technology
- No raised floor required
- Variable speed fans
- Modular design: Allows capacity expansion
- 30 kW or 60 kW cooling capacity
- Temperature controlled fans
- Hot-swappable fans
- EC-Technology
- No condenser needed due to 14 °C inlet water temperature
- Increased free cooling capacity enabled by high inlet water temperature 14°C
- Remotely control and monitor coolers with optional SNMP card.

Specifications	30 kW Front Cooler	60 kW Front Cooler
Cooling capacity	30 kW	60 kW
Air inlet	38 °C	38 °C
Number of fans	3 x	3 x
Type of fans	Radial	Axial
Air flow	3.800 m³/h	9.600 m³/h
Power consumption	980 Watt	1250 Watt
Currency	4.3 A	5.8 A
Power supply	230 Volt 50/60 Hz.	230 Volt 50/60 Hz.
Water temperature inlet	+14 °C	+14 °C
Water temperature outlet	+20 °C	+20 °C
Water flow	4,8 m³/h	7,11 m³/h
Pressure drop	42 kPa	33 kPa
Water connection	1 1/4 inch.	1 1/2 inch.
Number of airfilter	1 x	3 x
Type of airfilter	G 2	G 2
Noise level in 1 mtr. distance	62 dB(A)	72 dB(A)
Dimensions		
Width	300 mm	600 mm
Depth	1.000/1.200 mm	1.000/1.200 mm
Height	2.000 mm	2.000 mm
Weight	200 kg.	252 kg.
Color	RAL 9005 / RAL 7035	RAL 9005 / RAL 7035

Product Code	Description (230VAC 50Hz/60Hz)
DC-FCWX-4230-E01EU1-R0	CW Front Cooler 30kW 42U 300 x 1000
DC-FCWX-4232-E01EU1-R0	CW Front Cooler 30kW 42U 300 x 1200
DC-FCWX-4260-F01EU1-R0	CW Front Cooler 60kW 42U 600 x 1000
DC-FCWX-4262-F01EU1-R0	CW Front Cooler 60kW 42U 600 x 1200
DC-FCWX-4730-E01EU1-R0	CW Front Cooler 30kW 47U 300 x 1000
DC-FCWX-4732-E01EU1-R0	CW Front Cooler 30kW 47U 300 x 1200
DC-FCWX-4760-F01EU1-R0	CW Front Cooler 60kW 47U 600 x 1000
DC-FCWX-4762-F01EU1-R0	CW Front Cooler 60kW 47U 600 x 1200

* X : Color code = 7: RAL 7035 (Grey); 9: RAL 9005 (Black)