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SK 3343.800

LCP Rear Door CW OCP

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SK 3343.800 - LCP Rear Door CW OCP

The LCP Rear Door CW OCP is an air/water heat exchanger with 16 fans and a controller. The LCP Rear Door CW OCP is designed for mounting on the Open Rack v3 and may optionally be mounted on other racks specified to OCP. The device offers exceptional cooling performance with a low installation depth and a door opening angle of 135°. Power is supplied via the DC busbar in the customer rack (47-56 VDC). 16 DC axial fans (N+1 redundant) ensure the required air throughput via the heat exchanger. The controller monitors and controls the entire system and may be replaced while operational. Features a built-in display. Customers choose which side the hinge is located. The cooling medium may be connected from above or below.







Features

Model No.	SK 3343.800
Design	Room cooling CW
Benefits	High level of flexibility: Door hinges are easily swapped and water connection possible from above or below, thanks to the symmetrical layout. A high level of fail-safeness: N+1 redundant design of fans, emergency mode in case of signal loss or component failure Easy to service: Components may be replaced while operational; separate service door for optimum accessibility High level of energy efficiency: Efficient DC fans and low pressure losses on the water and air side coupled with a compact design

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Features

Function principle	The air/water heat exchanger discharges waste heat from the servers into the customer's own cold water circuit to prevent a temperature rise in the data centre. The heat is transported directly to the chiller or free cooling unit outdoors. The 16 DC fans (N+1 redundant) ensure an adequate air throughput via the heat exchanger. The integral controller may be exchanged while operational. It controls and monitors the entire system. Fan control is based on the pressure difference between the servers and the heat exchanger. Control based on temperature difference is available as an option. The ambient air temperature may be set as a setpoint and is regulated via the 2-way control valve (option).
Material	Sheet steel, spray-finished Plastic Stainless steel Copper Brass
Surface finish	RAL 9005, finely textured matt
Applications	LCP Rear Door CW OCP for mounting on an Open Rack V3 and optionally on other OCP-specified racks Cooling of IT components
Dimensions	Width: 570 mm Height: 2,264 mm Depth: 258 mm
Max. cooling output	80 kW
Usable height	44 OU
Cooling medium note	Saline and low-salinity water based on VDI 2035 plus max. 50 volume percent
Rated volumetric flow – air volume	13,900 m³/h
Water connections	G 1½" external thread
Permissible operating pressure (p. max.)	10 bar
Water inlet temperature	10 °C...30 °C
Protection category to IEC 60 529	IP 10B

Features

Packs of	1 pc(s).
Customs tariff number	84733080
Product description	LCP Rear Door CW OCP, 80 kW, 570x2264x258 mm (WHD) without handle, RAL 9016