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SK 3311.391 Liquid Cooling Package

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FRIEDHELM LOH GROUP



SK 3311.391 - Liquid Cooling Package LCP Inline DX, UL

Bay-based cooling in conjunction with open/perforated IT racks. Continuous cooling output adjustment due to the use of an output-controlled compressor in the LCP Inline DX (evaporator)
An external condenser is required to operate the unit.

Features

Model No.	SK 3311.391
Benefits	<p>Maximum energy efficiency due to EC fan technology and IT-based control</p> <p>Minimal pressure loss at the air end, which in turn minimises the power consumption of the fans</p> <p>Temperature monitoring and control</p> <p>With redundant temperature sensor integrated at the air end as standard</p> <p>Minimal area load due to low weight</p> <p>Absorbed thermal energy is emitted to the ambient air at the external condenser location, without heating up the installation room</p> <p>Ideal for IT cooling of small and medium-sized locations</p> <p>One or two racks can be cooled separately</p> <p>Thanks to the speed-regulated compressor, the cooling output is ideally adapted to actual requirements</p> <p>Specific maintenance of the LCP DX due to separation of cooling and server racks</p>
Function principle	The LCP is designed for siting within a bayed enclosure suite. Hot air is drawn in from the aisle at the rear of the device, cooled by the high-capacity compact impellers, and blown back into the room or cold aisle after cooling.
Colour	RAL 9005
Max. cooling output	20 kW
Duty cycle	100 %
Type of electrical connection	Connection clamp
Cooling medium	R410A
EC fan	Yes

Features

Fans may be exchanged with the system operational	Yes
Temperature control	Linear fan control Inverter-controlled compressor
Installation in bayed enclosure suite	Flush
Air throughput (unimpeded air flow)	At 50 Hz: 4,800 m ³ /h
Dimensions	Width: 300 mm Height: 2,000 mm Depth: 1,200 mm
Modulation range	6 - 20 kW
Operating temperature range	15 °C...35 °C
Storage temperature range	-20 °C...60 °C
Total cooling output/Number of fan modules	20 kW
Packs of	1 pc(s).
Weight/pack	201 kg
EAN	4028177940475
EAN11 (UC)	91365
ECLASS 8.0	27180712

Approvals

Approvals	UL
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