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SK 3311.392 Liquid Cooling Package

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3311.392 - Liquid Cooling Package LCP Rack DX

Closed loop in row direct expansion cooling unit efficiently maintains proper server inlet temperatures contained entirely within the rack system.

Features

Model No.	SK 3311.392
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 minimizes the power consumption of the fans</p> <p>Temperature monitoring and control.</p> <p>Redundant temperature sensor integrated at the air end</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>Due to the speed-regulated compressor, the cooling output adapts to the actual requirements</p> <p>Special maintenance of the LCP DX due to separation of cooling and server enclosures</p>
Function principle	The LCP draws in the air at the sides at the rear of the server enclosures, cools it using high-performance compact impellers, and blows the cooled air back into the front part of the server enclosure at the sides
Color	RAL 9005
Max. cooling output	20 kW 68,243 BTU/h
Duty cycle	100 %
Type of connection (electrical)	Connection clamp
Cooling medium	R410A
EC fan	Yes

Features

Fans may be exchanged with the system operational	Yes
Temperature control	Infinitely variable fan control Inverter-controlled compressor
Note	Ethernet cable 2482.720 required with SNMP network card 3311.320
Installation in bayed enclosure suite	Flush
Air throughput (unimpeded air flow)	At 50 Hz: 4,800 m ³ /h At 50 Hz: 2,825.2 cfm
Dimensions	Width: 300 mm Height: 2,000 mm Depth: 1,200 mm Width: 11.8 " Height: 78.7 " Depth: 47.2 "
Modulation range	6 - 20 kW
Operating temperature range	15 °C...35 °C 59 °F...95 °F
Storage temperature range	-20 °C...60 °C -4 °F...140 °F
Total cooling output/number of fan modules	20 kW 68,243 BTU/h
Packaging unit	1 pc(s).
ECLASS 8.0	27180712

Approvals

Approvals	UL UL + C-UL (listed)
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