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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

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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 <sup>3</sup> /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

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# Approvals

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Approvals	UL UL + C-UL (listed)
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