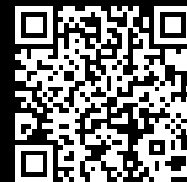


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SK 3311.391 Liquid Cooling Package

State: 06/03/2026 (Source: rittal.com/rs-sr)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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	Maximum energy efficiency due to EC fan technology and IT-based control Minimal pressure loss at the air end, which in turn minimises the power consumption of the fans Temperature monitoring and control With redundant temperature sensor integrated at the air end as standard Minimal area load due to low weight Absorbed thermal energy is emitted to the ambient air at the external condenser location, without heating up the installation room Ideal for IT cooling of small and medium-sized locations One or two racks can be cooled separately Thanks to the speed-regulated compressor, the cooling output is ideally adapted to actual requirements Specific maintenance of the LCP DX due to separation of cooling and server racks
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 m³/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).
ECLASS 8.0	27180712

Approvals

Approvals	UL
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