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## SK 3313.550 Liquid Cooling Package

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NCLOSURES

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CLIMATE CONTROL

INFRASTRUCTURE

# SK 3313.550 - Liquid Cooling Package LCP Inline CW, LCP Inline CWG

Bayed climate control designed for siting within a bayed enclosure suite. The hot air is extracted at the rear of the unit, cooled and then expelled forwards to the cold aisle.

#### **Features**

Model No.	SK 3313.550	
Design	CWG	
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	
	Optimum adaptability due to dynamic, continuous control of the cold water volume flow	
	By using high water inlet temperatures, the proportion of indirect	
	free cooling is increased, which in turn reduces operating costs	
	Targeted cooling output due to modular fan units	
	Fan modules configurable as n+1 redundancy	
	Standard 3-phase connection for electrical redundancy	
	With redundant temperature sensor integrated at the air end as standard	
	The separation of cooling and enclosure prevents the ingress of water into the server enclosure	
	A footprint of max. 0.36 m² for all cooling services	
	Improved heat recovery, thanks to high water return temperatures when using LCP CW glycol variants, for example in combination with a heat pump	
	Optimum access for maintenance and servicing from the front and rear	
	Tool-free replacement of the fan modules	
Function principle	The hot air is drawn in from the room or hot aisle at the rear of the device and expelled at the front into the cold aisle after cooling.  With this product, a raised floor is not necessary.	
 Material	Sheet steel, spray-finished	
Colour	RAL 7035	

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#### Features

Options	Direct connection of additional CMC III sensors is supported Racks 2200 mm high	
Design	Suite cooling	
Monitoring	Monitoring of all system-relevant parameters such as server air intake temperature, server waste air temperature, water inlet/return temperature, water flow, cooling output, fan speed, leakage Direct connection of the unit via SNMP over Ethernet Integration into RiZone	
Total cooling output/Number of fan modules	20 kW/2 31 kW/3 35 kW/4	
Air throughput (unimpeded air flow)	At 50 Hz: 5,000 m³/h	
Number of fan modules in supplied state	2	
Dimensions	Width: 300 mm Height: 2,000 mm Depth: 1,200 mm	
To fit enclosure type	VX IT	
Installation in bayed enclosure suite	Flush	
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz 400 V, 3~, 50 Hz/60 Hz	
Max. cooling output	28 kW	
Type of electrical connection	Connector	
Duty cycle	100 %	
Cooling medium	Water/glycol	
EC fan	Yes	
Fans may be exchanged with the system operational	Yes	
Temperature control	Linear fan control Two-way control valve	

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#### Features

Water connections	DN 40 (G 1½" external thread)
Permissible operating pressure (p. max.)	10 bar
Water inlet temperature	15 °C
Protection category to IEC 60 529	IP 20
Optimized condensate management even at low water flow temperatures	Yes
Options	Direct connection of additional CMC III sensors is supported Racks 2200 mm high
Packs of	1 pc(s).
Net weight	235
Gross weight	245
Customs tariff number	84158200
EAN	4028177953932
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712

## **Approvals**

Explanations	Declaration of conformity	

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