

# Liquid Cooling Package



Accessories for LCP Page 433 Chillers for IT cooling Page 441 Network/server enclosures TS-IT Page 92

## 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
- Due to the speed-regulated compressor, the cooling output is ideally adapted to actual requirements
- With redundant temperature sensor integrated at the air end as standard

- Minimal area load due to low weight
- Specific maintenance of the LCP DX due to separation of cooling and server rack
- 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

## Functions:

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

## Temperature control:

- Linear fan control
- Inverter-regulated compressor

## Colour:

- RAL 7035

## Protection category IP to IEC 60 529:

- IP 20

## Cooling medium:

- R410a

## Optional:

- Humidifier, reheater or condensate pump
- Higher cooling output

Photo shows a configuration example with equipment not included in the scope of supply

## LCP Inline DX

Model No.	Packs of	3311.430	3311.440	Page
<b>Total cooling output/Number of fan modules required kW</b>		<b>12 / 4</b>	<b>12 / 4</b>	
Width mm		300	300	
Height mm		2000	2000	
Depth mm		1000	1200	
Installation in bayed enclosure suite		Flush	Flush	
Rated operating voltage V, ~, Hz		380, 3~, 50/60 480, 3~, 50/60	380, 3~, 50/60 480, 3~, 50/60	
Type of electrical connection		Connection clamp	Connection clamp	
Air throughput at max. cooling output m <sup>3</sup> /h		4800	4800	
Fans may be exchanged with the system operational		■	■	
EC fan		■	■	
Duty cycle %		100	100	
Weight as delivered kg		181.0	181.0	
<b>Accessories</b>				
SNMP card	1 pc(s).	3311.320	3311.320	434
Condenser unit	1 pc(s).	3311.360	3311.360	433
Add-on cover	1 pc(s).	3301.221	3301.421	433