

# VARISTAR LHX+ RACK INTEGRATED COOLER



## HIGH EFFICIENCY FOR YOUR DATA CENTER



SCHROFF Varistar LHX+ series is designed for use with Varistar server racks with high heat dissipation losses.

The highly energy efficient air-to-water heat exchanger is integrated in a 800-mm-wide rack, to the left or right of the 19" plane and the cabinet offers full RU (rack unit) mounting space. The rack-based cooling solution acts room-independent and allows for set-up of various rack configurations.

The warm exhaust air from the servers flows through the heat exchanger as the heat is transferred to the cooling medium and cooled air is provided in front of the 19" plane.

### FEATURES

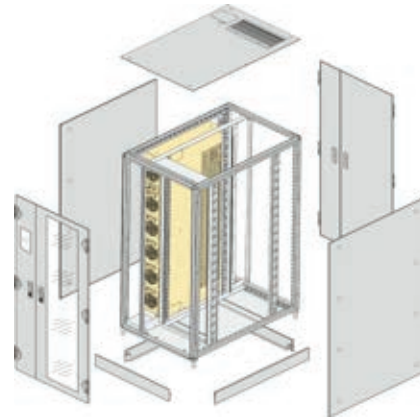
- Strict separation of cold and warm exhausted air - no recirculation
- Cooling is close to equipment; quick regulation of water and air volume flow; no under cooling
- Rack-integrated solutions reduce noise level; EMC-shielded solutions available
- Flexible rack configurations to meet diverse packing densities and redundancy requirements

### BENEFITS

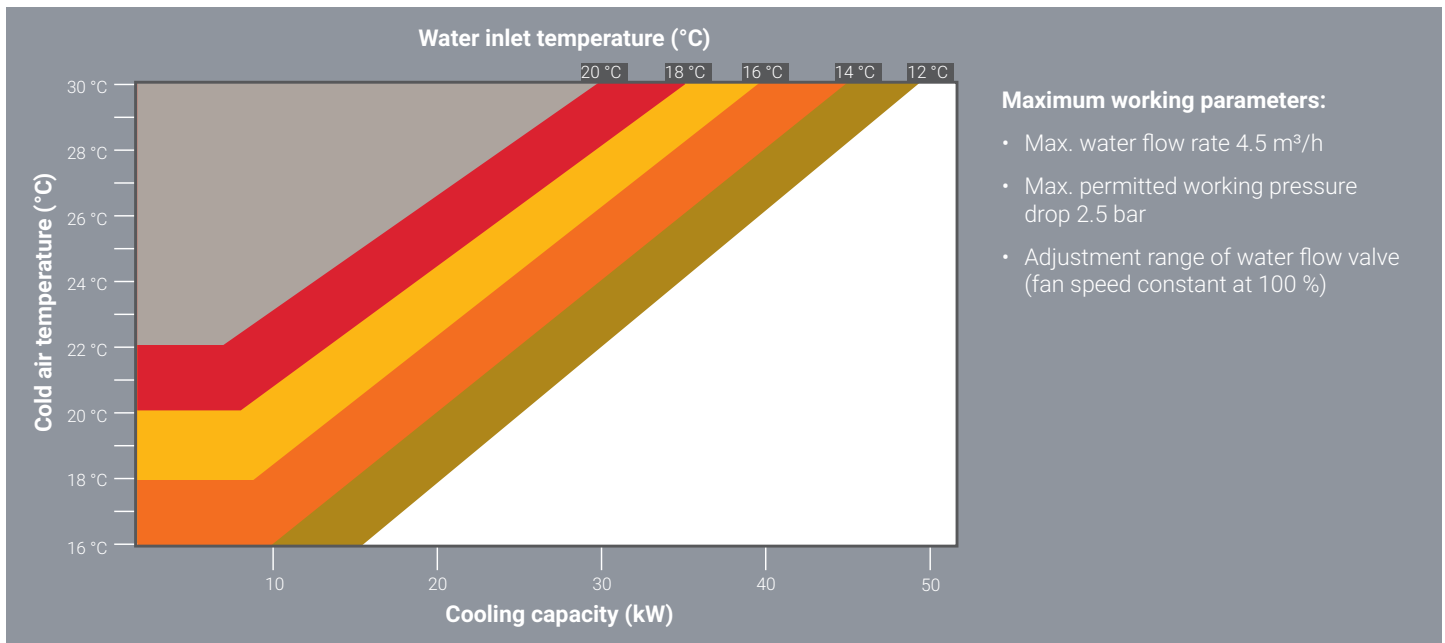
- Modular standard design - easily adapted to your requirements
- Minimal planning outlay; short setup time
- Versatile infrastructure solutions and product combinations
- Trusted design for reliable operation

## TECHNICAL FEATURES

- Static load-carrying capacity up to 1,600 kg
- Low noise level
- Fans may be exchanged individually during operation
- Water connections from bottom and top
- Wide power input range from 110 to 230 Volt
- Version with two redundant power supplies available
- Remote monitoring over Modbus RTU, web GUI and SNMP
- IP 55/EMC shielding available upon request



## Cooling performance for different air and water temperatures



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