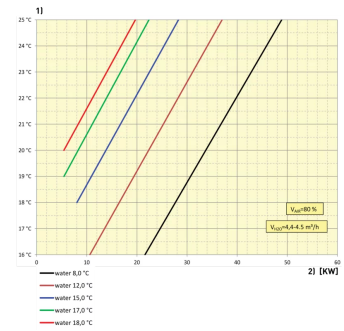
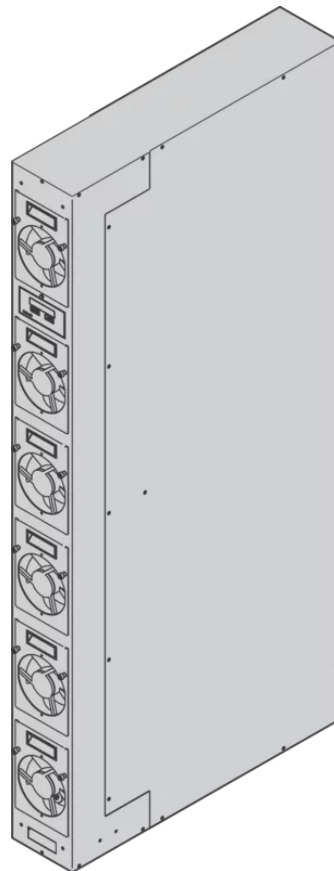


60714-077 VARISTAR SHX 30 IN-ROW COOLER, AIR/LIQUID HEAT EXCHANGER, 1 PSU, TOP/BOTTOM FEED



System			
Parameter	Value	Unit	Limit
Temperature	28.0	°C	40.0
Power	1000	W	1500
Current	10	A	15
Frequency	50	Hz	60
Pressure	1.0	bar	1.5
Flow	1.0	m³/h	1.5
Water Temp	15.0	°C	20.0
Air Temp	28.0	°C	40.0
Water Flow	1.0	m³/h	1.5
Air Flow	10	m³/h	15
Water Pressure	1.0	bar	1.5
Air Pressure	1.0	bar	1.5
Water Level	100	%	100
Air Filter	100	%	100
Water Filter	100	%	100
Water Temp	15.0	°C	20.0
Air Temp	28.0	°C	40.0
Water Flow	1.0	m³/h	1.5
Air Flow	10	m³/h	15
Water Pressure	1.0	bar	1.5
Air Pressure	1.0	bar	1.5
Water Level	100	%	100
Air Filter	100	%	100
Water Filter	100	%	100



KEY FEATURES

Tool-less, hot-swappable fans

Cooling capacity up to 34 kW

Monitoring through Modbus RS485 or RS232; advanced monitoring features through external devices

Integrated droplet separator and condensate management

Temperature control based on internal or external temperature sensors

PRODUCT ATTRIBUTES

Product Type: Air/Liquid Heat Exchanger

Product Family: Varistar

Width: 189 mm

Depth: 850 mm

Height: 1849 mm

Supply Voltage: 100 – 240 V

Redundant Power Supply: No

Coolant Feed: Top; Bottom

ADDITIONAL PRODUCT DETAILS

Varistar SHX 30 In-Row Coolers (IRC) are designed to deliver localized/supplemental energy efficient cooling in data centers. The Varistar SHX 30 IRC is a modular and versatile precision cooling solution that can replace or supplement traditional data center cooling infrastructure. Its extremely narrow design allows it to be accommodated into a 300 mm / 12" frame in different heights (see accessories), or integrated into the liquid cooled rack LHX+.

Cabinet management base unit connects via RJ 45 interface.

Web interface: Automatic detection of connected Varistar SHX 30 air/water heat exchanger.

Web interface: Adjustment of set temperature and fan speed

Web interface: Inlet temperature of servers (parameter can be set via web interface).

Web interface: Air temperature monitoring at front/rear, fan speed and water inlet temperature.

Web interface: Temperature monitoring/control using an external temperature sensor (please order separately).

Web interface: Switch on/off of cooler.

Please order optional management unit separately.

For trouble-free operation of the air/liquid heat exchanger the quality requirements of the coolant must be maintained; The selection of appropriate anti-corrosion and frost protection agents depends on the environment in which the unit is used and on the external chiller (VDI 3803, see also user manual).

At coolant supply temperatures below 6 °C and above 15 °C, the temperature control accuracy can no longer be guaranteed.



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