

## IN-ROW HEAT EXCHANGER TO COOL YOUR AISLE CONTAINMENT



nVent has extended its IT infrastructure portfolio to include the new SCHROFF Varistar SHX30 series of air/water heat exchangers.

This in-row heat exchanger is specially designed to cool cabinets with high thermal loads within an aisle containment structure and is included in the row as a modular unit. The units can be scaled optimally to suit packaging density and redundancy can be implemented.

Individual components from the Varistar SHX30 series can be combined with ease to suit the requirements of your IT infrastructure.

### ADVANTAGES OF THE COOLING UNITS

- Redundant power supply and feed
- Water can be supplied from below or above
- Hot swap-capable fans
- Can be regulated using internal or external temperature sensors
- Can be monitored via Ethernet and web interfaces

### ADVANTAGES AND BENEFITS OF THE VARISTAR SHX30 SERIES

- Variety of mechanical configuration options
- Short realization time as can be delivered within 10 working days
- Sophisticated infrastructure solutions and product combinations are possible
- Modular off-the-shelf components offer price advantages
- Minimal planning outlay

# Varistar SHX30

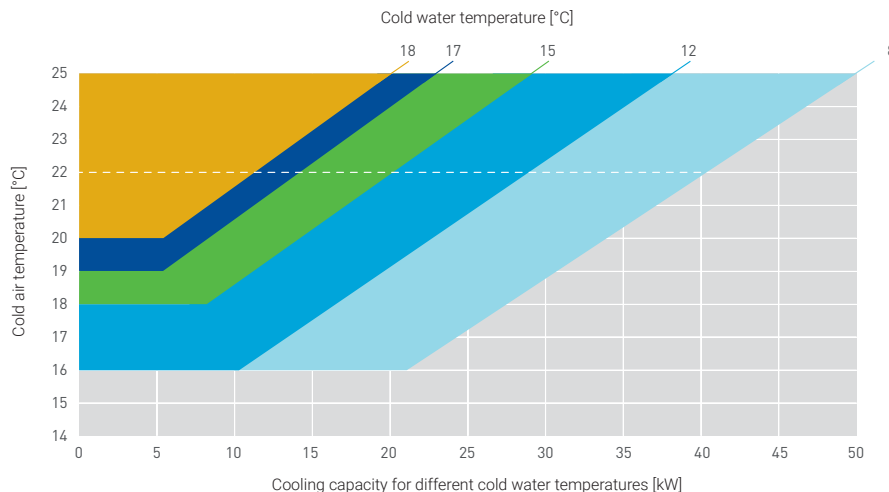


- Water connections
- Power inputs
- Communications interface
- External temperature sensor



- Display
- Hot swap-capable fans

## COOLING CURVE



**Graph of cold air temperature against cooling capacity for in-row heat exchanger**

- Max. water flow rate 4.8 m³/h
- Max. permitted working pressure drop 3.0 bar
- Adjustment range of water flow valve (fan speed constant at 80 %)

## ORDERING INFORMATION

Cooling modules in four versions:	Part number
Cooling module with one PSU, water connections at bottom	60714-067
Cooling module with redundant power infeed, water connections at bottom	60714-068
Cooling module with one PSU, water connections at top	60714-077
Cooling module with redundant power infeed, water connections at top	60714-078

Four sets of dimensions for cooling units: 2000Hx300x1000, 2000Hx300x1200, 2200Hx300x1000, 2200Hx300x1200

The cooling units and cooling modules are easy to configure.

For further information please visit: [nVent.com/SCHROFF](http://nVent.com/SCHROFF)

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