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SK 3375.544

Air-water heat exchangers

State: 24.08.2025. (Source: [rittal.com/hr-hr](https://www.rittal.com/hr-hr))

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FRIEDHELM LOH GROUP



SK 3375.544 - Air-water heat exchangers wall-mounted

Output classes 375 – 5,000 W. For use in tough environments. Convenient mounting options and flexible water connection options. External mounting or full internal mounting possible.

Features

Model No.	SK 3375.544
Design	wall-mounted Water-carrying parts, stainless steel (1.4571)
Product description	For use in harsh environments and temperature ranges up to +70 °C. User-friendly assembly plus flexible water connection options. External mounting or full internal mounting are supported.
Colour	RAL 7035
Supply includes	Fully wired ready for connection Drilling template Sealing and assembly parts
Total cooling output	L 35 W 10 at 400 l/h: 4.5 kW
Rated operating voltage	400 V, 2~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 178 W At 60 Hz: 232 W
Rated current max.	At 50 Hz: 0.8 A At 60 Hz: 0.8 A
Permissible operating pressure (p. max.)	1 - 10 bar
Duty cycle	100 %
Cooling medium	Water (see Internet for specifications)
Water inlet temperature	1 °C...30 °C
Water connections	½" connector sleeve G ¾" external thread
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	1 °C...70 °C

Features

Note	Integral non-return valve for version with e-Comfort controller
Dimensions	Width: 450 mm Height: 1,400 mm Depth: 220 mm
Note on Model No.	Extended delivery times.
Setting range	20 °C...55 °C
Pre-fuse	Transformer circuit-breaker: 3.5...5 A
Protection category to IEC 60 529	IP 55
Protection category NEMA	UL Type 1 UL Type 3R UL Type 12
Packs of	1 pc(s).
Customs tariff number	84158300
EAN	4028177496248
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712

Approvals

Approvals	UL + C-UL - FTTA UR + C-UR (recognized)
Explanations	Declaration of conformity

Tender text

Wall-mounted air/water heat exchanger

For use in tough environments. Flexible water connection options.

Total cooling output: L35 W10, 400l/h: 3.75 kW

Rated operating voltage: 400 V, 50/60 Hz

Refrigerant: Water (see specifications)

Water-carrying parts: Stainless steel (1.4571)

Dimensions [W x H x D]: 450 x 1400 x 250 mm

Ambient temperature range: 1°C to 70°C

Setting range: 20°C to 55°C

Water inlet temperature range: 1°C to 30°C

Temperature control and monitoring: Comfort controller with two floating fault signal outlets and door limit switch (factory setting +35°C)

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP55

Weight: 56 kg

Colour: RAL 7035