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## SK 3214.100

## Air-water heat exchangers

State: 28/08/2025 (Source: [rittal.com/gr-en](https://www.rittal.com/gr-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3214.100 - 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 3214.100
Design	wall-mounted Water-carrying parts, copper/brass (Cu/CuZn)
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 200 l/h: 0.6 kW L 35 W 10 at 400 l/h: 0.7 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Power consumption P <sub>el</sub>	At 50 Hz: 36 W At 60 Hz: 37 W
Rated current max.	At 50 Hz: 0.17 A At 60 Hz: 0.18 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	3/8" connector sleeve
Temperature control	Thermostat-controlled magnetic valve

## Features

Temperature monitoring	Internal thermostat, with change-over contact, switching load 16 A, setting range +20 °C ... +60 °C (factory setting +35 °C)
Operating temperature range	1 °C...70 °C
Note	Integral non-return valve for version with e-Comfort controller
Dimensions	Width: 200 mm Height: 500 mm Depth: 100 mm
Pre-fuse	Miniature circuit-breaker/fuse: 2 A
Setting range	20 °C...55 °C
Protection category to IEC 60 529	IP 55
Protection category NEMA	UL Type 1
Packs of	1 pc(s).
Net weight	6.228
Gross weight	6.556
Customs tariff number	84158300
EAN	4028177232853
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712

## Approvals

Approvals	CSA 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, 200l/h: 0.6 kW

L35 W10, 400l/h: 0.7 kW

Rated operating voltage: 230 V, 50/60 Hz

Refrigerant: Water (see specifications)

Water-carrying parts: Cu/CuZn

Dimensions [W x H x D]: 200 x 500 x 100 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:

Thermostat-controlled magnetic valve

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP55

Weight: 7 kg

Colour: RAL 7035