

Rittal – The System.

Faster – better – everywhere.



SK 3209.544

Air-water heat exchangers

State: 2025.8.21 (Source: rittal.com/lt-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3209.544 - Air-water heat exchangers roof-mounted

For mounting on the roof surface. Cooling output 1.87 kW – 4 kW. Protection category IP 55 as standard. Particularly suitable for use in harsh environments. Flexible water connection options.



Features

Model No.	SK 3209.544
Design	roof-mounted Water-carrying parts, stainless steel (1.4571)
Product description	For use in harsh environments and temperature ranges up to +70 °C. The air/water heat exchanger is assembled on the roof of the enclosure using flexible water connection options.
Colour	RAL 7035
Supply includes	Fully wired ready for connection (plug-in terminal strip) Drilling template Sealing mat Assembly parts
Total cooling output	L 35 W 10 at 400 l/h: 1.88 kW
Rated operating voltage	400 V, 2~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 98 W At 60 Hz: 115 W
Rated current max.	At 50 Hz: 0.25 A At 60 Hz: 0.3 A

Features

Permissible operating pressure (p. max.)	1 - 10 bar
Type of electrical connection	Plug-in terminal strip
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
Dimensions	Width: 597 mm Height: 417 mm Depth: 475 mm
Note on Model No.	Extended delivery times.
Protection category	IP 65 available on request
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Setting range	20 °C...55 °C
Protection category to IEC 60 529	IP 55
Packs of	1 pc(s).
Customs tariff number	84158300
EAN	4028177429925
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712

Approvals

Explanations	Declaration of conformity
--------------	---------------------------

Tender text

Roof-mounted air/water heat exchanger

For use in tough environments. Flexible water connection options.

Total cooling output L 35 W 10, 400l/h: 1.88 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]: 597 x 417 x 475 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 connection (factory setting +35°C)

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP 55

Weight: 27.5 kg

Colour: RAL 7035