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SK 3210.144

Air-water heat exchangers

State: 2025.6.2 (Source: [rittal.com/lt-en](https://www.rittal.com/lt-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3210.144 - 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 3210.144 |
| 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: 3 kW |
| Rated operating voltage | 400 V, 2~, 50 Hz/60 Hz |
| Power consumption Pel | At 50 Hz: 102 W At 60 Hz: 125 W |
| Rated current max. | At 50 Hz: 0.25 A At 60 Hz: 0.3 A |

Features

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|--|--|
| 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 | Basic 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). |
| Net weight | 34.2 |
| Gross weight | 36 |
| Customs tariff number | 84158300 |
| EAN | 4028177430013 |
| 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: 3 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: Basic controller
(factory setting 35 °C)

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP 55

Weight: 29.5 kg

Colour: RAL 7035