SK 3210.144

Air-water heat exchangers

State: 2/6/2025 (Source: rittal.com/in-en)

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

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 ⅜" 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

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