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SK 3209.500

Air-Water Heat Exchangers

State: 11/10/2026 (Source: www.rittal.com/us-en)

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SK 3209.500 - Air-Water Heat Exchangers roof-mounted

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





Features

Model No.	SK 3209.500
Version	roof-mounted Water-carrying parts copper/brass (Cu/CuZn)
Product description	To be used in rough environments and temperature ranges of up to +70 °C. The air-to-water heat exchanger is installed on the roof of a control cabinet via flexible water connection options.
Color	RAL 7035
Supply includes	Wired ready for connection (plug-in terminal strip) Drilling template Sealing mat Fasteners
Total cooling output	L 35 W 10 at 400 l/h: 2.5 kW L 35 W 10 at 400 l/h: 8,530 BTU/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 95 W At 60 Hz: 110 W
Rated current max.	At 50 Hz: 0.4 A At 60 Hz: 0.48 A

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Features

Permissible operating pressure (p. max.)	1: 10 bar 14.5: 145 PSI
Type of connection (electrical)	Plug-in terminal strip
Duty cycle	100 %
Cooling medium	Water (see Internet for specifications)
Water inlet temperature	1 °C...30 °C 34 °F...86 °F
Water connections	½" connector sleeve G ⅜" external thread
Temperature control	e-Comfort Controller (factory setting +35 °C)
Operating temperature range	1 °C...70 °C 34 °F...158 °F
Dimensions	Width: 597 mm Height: 417 mm Depth: 475 mm Width: 23.5 ″ Height: 16.4 ″ Depth: 18.7 ″
Protection category	IP 65 available on request
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Setting range	20 °C...55 °C 68 °F...131 °F
Protection category IP to EN 60 529	IP 55
Packaging unit	1 pc(s).
Net weight	32.3 kg
Gross weight	34 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84158300
ETIM 9	EC002515
ETIM 8	EC002515

Features

ECLASS 8.0	27180712
Product description	SK Air/water heat exchanger, roof-mounted, 8530 BTU/h 230 V, 1~, 50/60 Hz, comfort controller, water-carrying parts: copper/brass, WHD: 597 x 417 x 475 mm

Approvals

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