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SK 3209.500

Air/water heat exchangers

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FRIEDHELM LOH GROUP

SK 3209.500 - 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 3209.500
Design	roof-mounted Water-carrying parts, copper/brass (Cu/CuZn)
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: 2.5 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Power consumption 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
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	e-Comfort controller (factory setting +35 °C)
Operating temperature range	1 °C...70 °C
Dimensions	Width: 597 mm Height: 417 mm Depth: 475 mm
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	32.3 kg
Gross weight	34 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84158300
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712
Product description	SK Air/water heat exchanger, roof-mounted, 2.5 kW, 230 V, 1~, 50/60 Hz, comfort controller, water-carrying parts: copper/brass, WHD: 597 x 417 x 475 mm

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Approvals

Approvals	CSA UR + C-UR (recognized)
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: 2.5 kW
Rated operating voltage: 230 V, 50/60 Hz
Refrigerant: Water (see specifications)
Water-carrying parts: Cu/CuZn
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: 23.5 kg
Colour: RAL 7035

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