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# SK 3210.500 Air-water heat exchangers

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## SK 3210.500 - 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 3210.500
Design	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: 4 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 100 W At 60 Hz: 120 W
Rated current max.	At 50 Hz: 0.44 A At 60 Hz: 0.5 A
Permissible operating pressure (p. max.)	1 - 10 bar

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### Features

Type of electrical connection	Plug-in terminal strip
Duty cycle	100 %
Cooling medium	Water (see Internet for specifications)
Water inlet temperature	1 °C30 °C
Water connections	½" connector sleeve G ¾" external thread
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	1 °C70 °C
Dimensions	Width: 597 mm Height: 417 mm Depth: 475 mm
Protection category	IP 65 available on request
<b>5</b> ,	·
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Pre-fuse Setting range	Miniature circuit-breaker/fuse: 4 A 20 °C55 °C
Pre-fuse Setting range Protection category to IEC 60 529	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55
Pre-fuse Setting range Protection category to IEC 60 529 Packs of	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55  1 pc(s).
Pre-fuse Setting range Protection category to IEC 60 529 Packs of Net weight	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55  1 pc(s).  34.2
Pre-fuse Setting range Protection category to IEC 60 529 Packs of Net weight Gross weight	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55  1 pc(s).  34.2  36
Pre-fuse  Setting range  Protection category to IEC 60 529  Packs of  Net weight  Gross weight  Customs tariff number	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55  1 pc(s).  34.2  36  84158300
Pre-fuse  Setting range  Protection category to IEC 60 529  Packs of  Net weight  Gross weight  Customs tariff number  EAN	Miniature circuit-breaker/fuse: 4 A  20 °C55 °C  IP 55  1 pc(s).  34.2  36  84158300  4028177429963

## **Approvals**

Approvals	CSA
	UR + C-UR (recognized)

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#### **Approvals**

**Explanations** 

Declaration of conformity

#### Tender text

Rittal TopTherm air/water heat exchanger roof-mounted, 4000 W, comfort controller, 230 V, 50/60 Hz Roof-mounted air/water heat exchanger

For use in tough environments. Flexible water connection options.

Total cooling output L 35 W 10, 400l/h: 4 kW Rated operating voltage: 230 V, 50/60 Hz Refrigerant: Water (see specifications)

Water-carrying parts: Cu/CuZn

Dimensions [W x H x D]:  $597 \times 417 \times 475 \text{ mm}$ Ambient temperature range:  $1^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ 

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: 25.5 kg Colour: RAL 7035

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