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SK 3210.540 Air-water heat exchangers

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SK 3210.540 - 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 3210.540
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: 4 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

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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 °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
Protection category Setting range	IP 65 available on request 20 °C55 °C
Setting range	20 °C55 °C
Setting range Pre-fuse	20 °C55 °C Transformer circuit-breaker: 3.55 A
Setting range Pre-fuse Protection category to IEC 60 529	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55
Setting range Pre-fuse Protection category to IEC 60 529 Packs of	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55 1 pc(s).
Setting range Pre-fuse Protection category to IEC 60 529 Packs of Net weight	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55 1 pc(s). 36.1
Setting range Pre-fuse Protection category to IEC 60 529 Packs of Net weight Gross weight	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55 1 pc(s). 36.1 38
Setting range Pre-fuse Protection category to IEC 60 529 Packs of Net weight Gross weight Customs tariff number	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55 1 pc(s). 36.1 38 84158300
Setting range Pre-fuse Protection category to IEC 60 529 Packs of Net weight Gross weight Customs tariff number EAN	20 °C55 °C Transformer circuit-breaker: 3.55 A IP 55 1 pc(s). 36.1 38 84158300 4028177429987

Approvals

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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: 4 kW Rated operating voltage: 400 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: 29.5 kg Colour: RAL 7035

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