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SK 3210.500

Air/water heat exchangers

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FRIEDHELM LOH GROUP



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

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| 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 |

Features

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|-----------------------------------|---|
| 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 ¾" 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 | 34.2 kg |
| Gross weight | 36 kg |
| Customs tariff number | 84158300 |
| ETIM 9 | EC002515 |
| ETIM 8 | EC002515 |
| ECLASS 8.0 | 27180712 |
| Product description | SK Air/water heat exchanger, roof-mounted, 4.0 kW, 230 V, 1~, 50/60 Hz, comfort controller, water-carrying parts: copper/brass, WHD: 597 x 417 x 475 mm |

Approvals

Approvals

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|--------------|-------------------------------|
| Approvals | CSA UR + C-UR (recognized) |
| 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 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: 25.5 kg
Colour: RAL 7035