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SK 3210.510

Air-Water Heat Exchangers

State: 7/2/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3210.510 - 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

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| Model No. | SK 3210.510 |
| Version | 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: 4 kW L 35 W 10 at 400 l/h: 13,649 BTU/h |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 102 W At 60 Hz: 125 W |
| Rated current max. | At 50 Hz: 0.9 A At 60 Hz: 1 A |

Features

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| 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 ¾" 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 " |
| Note on Model No.: | Delivery times on request. |
| 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 | 79.586 lb |
| Gross weight | 83.774 lb |
| Customs tariff number | 8415830070 |
| ETIM 9 | EC002515 |
| ETIM 8 | EC002515 |

Features

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| ECLASS 8.0 | 27180712 |
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| Product description | SK Air/water heat exchanger, roof-mounted, 13649 BTU/h, 115 V, 3~, 50/60 Hz, comfort controller, water-carrying parts: copper/brass, WHD: 597 x 417 x 475 mm |
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Approvals

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