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# SK 3210.510

# Air-Water Heat Exchangers

State: 11/18/2026 (Source: www.rittal.com/us-en)

# 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)<br>Drilling template<br>Sealing mat<br>Fasteners |
| Total cooling output | L 35 W 10 at 400 l/h: 4 kW<br>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<br>At 60 Hz: 125 W |
| Rated current max. | At 50 Hz: 0.9 A<br>At 60 Hz: 1 A |

# Features

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|---|---|
| Permissible operating pressure (p. max.) | 1: 10 bar<br>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<br>34 °F...86 °F |
| Water connections | ½" connector sleeve<br>G ⅜" external thread |
| Temperature control | e-Comfort Controller (factory setting +35 °C) |
| Operating temperature range | 1 °C...70 °C<br>34 °F...158 °F |
| Dimensions | Width: 597 mm<br>Height: 417 mm<br>Depth: 475 mm<br>Width: 23.5 ″<br>Height: 16.4 ″<br>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<br>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 |
| 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 |

# Approvals

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