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## SK 3210.504

## Air/water heat exchangers

State: 14/05/2026 (Source: [rittal.com/nz-en](http://rittal.com/nz-en))

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FRIEDHELM LOH GROUP



# SK 3210.504 - 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 3210.504  |
| Design                                   | Water-carrying parts, stainless steel (1.4571)   |
| 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)<br>Drilling template<br>Sealing mat<br>Assembly parts  |
| Total cooling output                     | L 35 W 10 at 400 l/h: 3 kW   |
| Rated operating voltage                  | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel                    | At 50 Hz: 100 W<br>At 60 Hz: 120 W   |
| Rated current max.                       | At 50 Hz: 0.44 A<br>At 60 Hz: 0.5 A  |
| Permissible operating pressure (p. max.) | 1: 10 bar  |

# Features

|                                   |  |
|-----------------------------------|--|
| 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<br>G ¾" external thread  |
| Temperature control               | e-Comfort controller (factory setting +35 °C)  |
| Operating temperature range       | 1 °C...70 °C   |
| Dimensions                        | Width: 597 mm<br>Height: 417 mm<br>Depth: 475 mm   |
| Note on Model No.                 | Extended delivery times.   |
| 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                        | 34.7 kg  |
| Gross weight                      | 37 kg  |
| Customs tariff number             | 84158300   |
| ETIM 9                            | EC002515   |
| ETIM 8                            | EC002515   |
| ECLASS 8.0                        | 27180712   |
| Product description               | SK Air/water heat exchanger, roof-mounted, 3.0 kW, 230 V, 1~, 50/60 Hz, basic controller, water-carrying parts: V4A (stainless steel), WHD: 597 x 417 x 475 mm |

# Approvals

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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: 3 kW

Rated operating voltage: 230 V, 50/60 Hz

Refrigerant: Water (see specifications)

Water-carrying parts: Stainless steel (1.4571)

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