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## SK 3214.700

# Air/water heat exchangers

State: 23/05/2026 (Source: [rittal.com/nz-en](http://rittal.com/nz-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3214.700 - Air/water heat exchangers wall-mounted HD

Air/water heat exchanger for hygiene-critical production zones in the food and beverage industry – the optimum addition to the Rittal Hygienic Design range. The cleaning-friendly design reduces the risk of contamination and ensures food safety.



## Features

|                     |  |
|---------------------|--|
| Model No.           | SK 3214.700  |
| Design              | Water-carrying parts, copper/brass (Cu/CuZn)   |
| Product description | Air/water heat exchanger for hygiene-critical production zones in the food and beverage industry – the optimum addition to the Rittal Hygienic Design range. The cleaning-friendly design reduces the risk of contamination and ensures food safety.                               |
| Benefits            | Easy-to-clean, hygienic design<br>A roof tilt of 30° prevents objects from being deposited on it, and allows liquids to run off quickly<br>All-round external, replaceable silicone seal prevents the accumulation of dirt between the enclosure and the air-water heat exchanger. |
| Material            | Enclosure: Stainless steel 1.4301 (AISI 304)   |
| Surface finish      | Enclosure: Brushed, grain 400, peak-to-valley height < 0.8 µm  |
| Supply includes     | Fully wired ready for connection<br>Drilling template<br>Sealing and assembly parts  |

# Features

|  |  |
|--|--|
| Total cooling output                     | L 35 W 10 at 200 l/h: 0.6 kW<br>L 35 W 10 at 400 l/h: 0.65 kW  |
| Rated operating voltage                  | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel                    | At 50 Hz: 33 W<br>At 60 Hz: 34 W   |
| Rated current max.                       | At 50 Hz: 0.16 A<br>At 60 Hz: 0.14 A   |
| Permissible operating pressure (p. max.) | 1: 10 bar  |
| Duty cycle                               | 100 %  |
| Cooling medium                           | Water (see Internet for specifications)  |
| Water inlet temperature                  | 1 °C...30 °C   |
| Water connections                        | G 3/8" external thread   |
| Temperature control                      | Thermostat-controlled magnetic valve   |
| Temperature monitoring                   | Internal thermostat, with change-over contact, switching load 16 A, setting range +20 °C ... +60 °C (factory setting +35 °C) |
| Operating temperature range              | 1 °C...70 °C   |
| Dimensions                               | Width: 220 mm<br>Height: 526 mm<br>Depth: 100 mm   |
| Pre-fuse                                 | Miniature circuit-breaker/fuse: 2 A  |
| Setting range                            | 20 °C...60 °C  |
| Protection category to IEC 60 529        | IP 56/59   |
| Protection category NEMA                 | NEMA 4X  |
| Packs of                                 | 1 pc(s).   |
| Net weight                               | 6 kg   |
| Gross weight                             | 6.86 kg  |
| Customs tariff number                    | 84158300   |
| ETIM 9                                   | EC002515   |

# Features

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|                     |  |
|---------------------|--|
| ETIM 8              | EC002515   |
| ECLASS 8.0          | 27180712   |
| Product description | SK Air/water heat exchanger, wall-mounted, HD, 0.65 kW, 230 V, 1~, 50/60 Hz, Thermostat-controlled magnetic valve, WHD: 220 x 526 x 100 mm |

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# Approvals

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

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# Tender text

Air/water heat exchangers wall-mounted HD

Air/water heat exchanger for hygienically sensitive production zones in the food and consumables

industry – the optimum addition to the Rittal Hygienic Design range. The cleaning-friendly design

reduces the risk of contamination and ensures food safety.

Total cooling output L 35 W 10, 200l/h: 0,6 kW

Total cooling output L 35 W 10, 400l/h: 0,65 kW

Rated operating voltage: 230 V, 1~, 50 Hz/60 Hz

Dimensions WxHxD [mm]: 220x526x100

Material (Enclosure): Stainless steel 1.4301 (AISI 304)

Surface finish (Enclosure): Brushed, grain 400, peak-to-valley height < 0,8 µm

Cooling medium: Water (see instructions for specifications)

Water-carrying parts: Cu/CuZn

Water connections: G 3/8" AG

Permissible operating pressure (p. max.): 1 bar to 10 bar

Temperature control operation (environment): +1°C to +70°C

Temperature control water inlet: +1°C to +30°C

Setting range: +20°C bis +60°C

Temperature monitoring: Internal thermostat, with change-over contact, switching load 16 A, setting

range +20°C ... +60°C (factory setting +35°C)

Temperature control: Thermostat-controlled magnetic valve

Type of connection: Plug-in terminal strip

Miniature circuit-breaker/fuse: 2 A

Power consumption Pel: 33/34 W

Rated current (max.): 0,16/0,14 A

Protection category IP to IEC 60 529: IP 56/59

Protection category NEMA: 4X

Weight: 6 kg