

Rittal – The System.

Faster – better – everywhere.



SK 3214.700

Air-water heat exchangers

State: 13/09/2025 (Source: [rittal.com/ro-ro](https://www.rittal.com/ro-ro))

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 A roof tilt of 30° prevents objects from being deposited on it, and allows liquids to run off quickly 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 Drilling template Sealing and assembly parts |

Features

| | |
|--|---|
| Total cooling output | L 35 W 10 at 200 l/h: 0.6 kW 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 At 60 Hz: 34 W |
| Rated current max. | At 50 Hz: 0.16 A 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 |
| Note | To achieve a protection category of IP 66/69 to IEC 60 529, the ingress of leakage air through the condensate discharge opening must be completely prevented. |
| Dimensions | Width: 220 mm Height: 526 mm 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 |
| Gross weight | 6.86 |

Features

| | |
|-----------------------|---------------|
| Customs tariff number | 84158300 |
| EAN | 4028177806399 |
| ETIM 9 | EC002515 |
| ETIM 8 | EC002515 |
| ECLASS 8.0 | 27180712 |

Approvals

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

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 P_{el} : 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

Note: To achieve a protection category of IP 66/69 to IEC 60 529, the ingress of leakage air through the condensate discharge opening must be completely prevented.

Weight: 6 kg