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## SK 3215.700

## Air-water heat exchangers

State: 13.09.2025. (Source: [rittal.com/hr-hr](https://www.rittal.com/hr-hr))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3215.700 - 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 3215.700   |
| 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            | <p>Easy-to-clean, hygienic design</p> <p>A roof tilt of 30° prevents objects from being deposited on it, and allows liquids to run off quickly</p> <p>All-round external, replaceable silicone seal prevents the accumulation of dirt between the enclosure and the air-water heat exchanger.</p> |
| Material            | Enclosure: Stainless steel 1.4301 (AISI 304)  |
| Surface finish      | Enclosure: Brushed, grain 400, peak-to-valley height < 0.8 µm   |
| Supply includes     | <p>Fully wired ready for connection</p> <p>Drilling template</p> <p>Sealing and assembly parts</p>  |

# Features

|  |   |
|--|---|
| Total cooling output                     | L 35 W 10 at 200 l/h: 1 kW<br>L 35 W 10 at 400 l/h: 1.2 kW  |
| Rated operating voltage                  | 230 V, 1~, 50 Hz/60 Hz  |
| Power consumption Pel                    | At 50 Hz: 77 W<br>At 60 Hz: 104 W   |
| Rated current max.                       | At 50 Hz: 0.38 A<br>At 60 Hz: 0.47 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: 215 mm<br>Height: 982 mm<br>Depth: 100 mm  |
| Pre-fuse                                 | Miniature circuit-breaker/fuse: 4 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                               | 14  |
| Gross weight                             | 14  |

# Features

|                       |               |
|-----------------------|---------------|
| Customs tariff number | 84158300      |
| EAN                   | 4028177806405 |
| ETIM 9                | EC002515      |
| ETIM 8                | EC002515      |
| ECLASS 8.0            | 27180712      |

# Approvals

|              |   |
|--------------|---|
| Approvals    | CSA<br>UL + C-UL - FTTA<br>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: 1 kW

Total cooling output L 35 W 10, 400l/h: 1,2 kW

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

Dimensions WxHxD [mm]: 215x982x100

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: 4 A

Power consumption  $P_{el}$ : 77/104 W

Rated current (max.): 0,38/0,47 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: 14 kg