

Faster – better – everywhere.





SK 3214.700 Air-water heat exchangers

POWER DISTRIBUTION >> CLIMATE CONTROL

State: 13/09/2025 (Source: rittal.com/ro-ro)



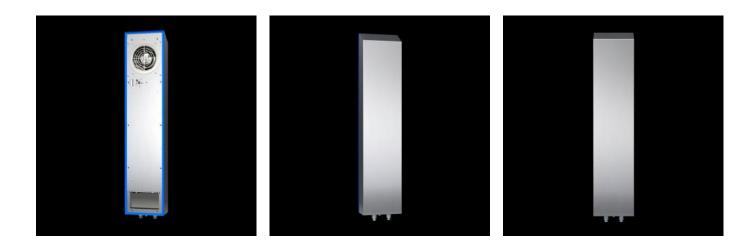
IT INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

ENCLOSURES

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

SK 3214.700
Water-carrying parts, copper/brass (Cu/CuZn)
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.
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.
Enclosure: Stainless steel 1.4301 (AISI 304)
Enclosure: Brushed, grain 400, peak-to-valley height < 0.8 μm
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 °C30 °C
Water connections	G ¾" 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 °C70 °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 °C60 °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 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

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