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SK 3214.700

Air/water heat exchangers

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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

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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 ⅜" 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 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 kg
Gross weight	6.86 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84158300

Features

ETIM 9	EC002515
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

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

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Protection category NEMA: 4X

Weight: 6 kg