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SK 3214.700

Air-Water Heat Exchangers

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SK 3214.700 - Air-Water Heat Exchangers Wall-mounted HD

Air/water heat exchanger for production areas in the food and beverage industry where hygiene is important – the perfect addition to the Rittal Hygienic Design range. The easy-to-clean design reduces the risk of contamination and ensures food safety.





Features

Model No.	SK 3214.700
Version	Water-carrying parts copper/brass (Cu/CuZn)
Product description	Air/water heat exchanger for production areas in the food sector with high hygienic requirements – the ideal supplement to the Rittal Hygienic Design Program. Its easy-clean design reduces the risk of contamination and guarantees food safety.
Benefits	Easy-clean and hygiene-compliant design A roof slope of 30° prevents objects from being placed on them and allows liquid to run off quickly An all-round external, replaceable silicone seal prevents the build-up of dirt between the enclosure and the air-water heat exchanger.
Material	Housing: Stainless steel 1.4301 (AISI 304)
Surface finish	Housing: Brushed, grain 400, peak-to-valley height < 0.8 µm
Supply includes	Wired ready for connection Drilling template Sealing and assembly components

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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 L 35 W 10 at 200 l/h: 2,047 BTU/h L 35 W 10 at 400 l/h: 2,218 BTU/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated power 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 14.5: 145 PSI
Duty cycle	100 %
Cooling medium	Water (see Internet for specifications)
Water inlet temperature	1 °C...30 °C 34 °F...86 °F
Water connections	G ⅜" external thread
Temperature control	Thermostat-controlled solenoid 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 34 °F...158 °F
Dimensions	Width: 220 mm Height: 526 mm Depth: 100 mm Width: 8.66 ″ Height: 20.7 ″ Depth: 3.94 ″
Pre-fuse	Miniature circuit-breaker/fuse: 2 A
Setting range	20 °C...60 °C 68 °F...140 °F
Protection category IP to EN 60 529	IP 56/59

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Features

Protection category NEMA	NEMA 4X
Packaging unit	1 pc(s).
Net weight	6 kg
Gross weight	6.86 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84158300
ETIM 9	EC002515
ETIM 8	EC002515
ECLASS 8.0	27180712
Product description	SK Air/water heat exchanger, wall-mounted, 2047 BTU/h 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