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SK 3214.700

Air-Water Heat Exchangers

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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

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|---------------------|--|
| 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 |

Features

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| 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 |
| 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 |
| 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 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 |
| 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 IP to EN 60 529 | IP 56/59 |
| Protection category NEMA | NEMA 4X |
| Packaging unit | 1 pc(s). |
| Net weight | 6 kg |
| Gross weight | 6.86 kg |
| Customs tariff number | 84158300 |
| ETIM 9 | EC002515 |

Features

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|---------------------|--|
| 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

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