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**SK 3214.100**

**Air-Water Heat Exchangers**

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FRIEDHELM LOH GROUP

# SK 3214.100 - Air-Water Heat Exchangers wall-mounted

Output categories 1023.64 - 17060.71 BTU/h. For use in tough environments. Convenient mounting options and flexible water connection options. External mounting or full internal mounting possible.

## Features

|  |   |
|--|---|
| Model No.                                | SK 3214.100   |
| Version                                  | wall-mounted<br>Water-carrying parts copper/brass (Cu/CuZn)   |
| Product description                      | To be used in rough environments and temperature ranges of up to +70 °C. Convenient assembly options and flexible water connection options. Partial or full internal mounting possible. |
| Color                                    | RAL 7035  |
| Supply includes                          | Wired ready for connection<br>Drilling template<br>Sealing and assembly components  |
| Total cooling output                     | L 35 W 10 at 200 l/h: 0.6 kW<br>L 35 W 10 at 400 l/h: 0.7 kW  |
| Rated operating voltage                  | 230 V, 1~, 50 Hz/60 Hz  |
| Rated power Pel                          | At 50 Hz: 36 W<br>At 60 Hz: 37 W  |
| Rated current max.                       | At 50 Hz: 0.17 A<br>At 60 Hz: 0.18 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                        | ¾" connector sleeve   |
| Temperature control                      | Thermostat-controlled solenoid valve  |

# Features

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|                                     |  |
|-------------------------------------|--|
| 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                                | Integral non-return valve for version with e-Comfort controller  |
| Dimensions                          | Width: 200 mm<br>Height: 500 mm<br>Depth: 100 mm   |
| Pre-fuse                            | Miniature circuit-breaker/fuse: 2 A  |
| Setting range                       | 20 °C...55 °C  |
| Protection category IP to EN 60 529 | IP 55  |
| Protection category NEMA            | UL Type 1  |
| Packaging unit                      | 1 pc(s).   |
| Net weight                          | 6.228  |
| Gross weight                        | 6.556  |
| Customs tariff number               | 84158300   |
| EAN                                 | 4028177232853  |
| ETIM 9                              | EC002515   |
| ETIM 8                              | EC002515   |
| ECLASS 8.0                          | 27180712   |

# Approvals

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|              |                               |
|--------------|-------------------------------|
| Approvals    | CSA<br>UR + C-UR (recognized) |
| Explanations | Declaration of conformity     |