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## SK 3214.100

# Air/water heat exchangers

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# SK 3214.100 - Air/water heat exchangers wall-mounted

Output classes 375 – 5,000 W. 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  |
| Design                                   | wall-mounted<br>Water-carrying parts, copper/brass (Cu/CuZn)   |
| Product description                      | For use in harsh environments and temperature ranges up to +70 °C. User-friendly assembly plus flexible water connection options. External mounting or full internal mounting are supported. |
| Colour                                   | RAL 7035   |
| Supply includes                          | Fully wired ready for connection<br>Drilling template<br>Sealing and assembly parts  |
| 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   |
| Power consumption 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                        | 3/8" connector sleeve  |
| Temperature control                      | Thermostat-controlled magnetic valve   |

# Features

|                                   |  |
|-----------------------------------|--|
| 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 to IEC 60 529 | IP 55  |
| Protection category NEMA          | UL Type 1  |
| Packs of                          | 1 pc(s).   |
| Net weight                        | 6,228 kg   |
| Gross weight                      | 6,556 kg   |
| Customs tariff number             | 84158300   |
| ETIM 9                            | EC002515   |
| ETIM 8                            | EC002515   |
| ECLASS 8.0                        | 27180712   |
| Product description               | SK Air/water heat exchanger, wall-mounted, 0.6 kW, 230 V, 1~, 50/60 Hz, Water-carrying parts: copper/brass , WHD: 200 x 500 x 100 mm |

# Approvals

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

# Tender text

Wall-mounted air/water heat exchanger

For use in tough environments. Flexible water connection options.

Total cooling output:

L35 W10, 200l/h: 0.6 kW

L35 W10, 400l/h: 0.7 kW

Rated operating voltage: 230 V, 50/60 Hz

Refrigerant: Water (see specifications)

Water-carrying parts: Cu/CuZn

Dimensions [W x H x D]: 200 x 500 x 100 mm

Ambient temperature range: 1°C to 70°C

Setting range: 20°C to 55°C

Water inlet temperature range: 1°C to 30°C

Temperature control and monitoring:

Thermostat-controlled magnetic valve

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP55

Weight: 7 kg

Colour: RAL 7035