

# Rittal – The System.

Faster – better – everywhere.



## SK 3209.500

## Air-water heat exchangers

State: 04.09.2025 (Source: [rittal.com/bg-bg](https://www.rittal.com/bg-bg))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3209.500 - Air-water heat exchangers roof-mounted

For mounting on the roof surface. Cooling output 1.87 kW – 4 kW. Protection category IP 55 as standard. Particularly suitable for use in harsh environments. Flexible water connection options.



## Features

|                         |  |
|-------------------------|--|
| Model No.               | SK 3209.500  |
| Design                  | roof-mounted<br>Water-carrying parts, copper/brass (Cu/CuZn)   |
| Product description     | For use in harsh environments and temperature ranges up to +70 °C. The air/water heat exchanger is assembled on the roof of the enclosure using flexible water connection options. |
| Colour                  | RAL 7035   |
| Supply includes         | Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Sealing mat<br>Assembly parts  |
| Total cooling output    | L 35 W 10 at 400 l/h: 2.5 kW   |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 95 W<br>At 60 Hz: 110 W  |
| Rated current max.      | At 50 Hz: 0.4 A<br>At 60 Hz: 0.48 A  |

# Features

|  |  |
|--|--|
| Permissible operating pressure (p. max.) | 1 - 10 bar                                       |
| Type of electrical connection            | Plug-in terminal strip                           |
| Duty cycle                               | 100 %  |
| Cooling medium                           | Water (see Internet for specifications)          |
| Water inlet temperature                  | 1 °C...30 °C                                     |
| Water connections                        | ½" connector sleeve<br>G ¾" external thread      |
| Temperature control                      | e-Comfort controller (factory setting +35 °C)    |
| Operating temperature range              | 1 °C...70 °C                                     |
| Dimensions                               | Width: 597 mm<br>Height: 417 mm<br>Depth: 475 mm |
| Protection category                      | IP 65 available on request                       |
| Pre-fuse                                 | Miniature circuit-breaker/fuse: 4 A              |
| Setting range                            | 20 °C...55 °C                                    |
| Protection category to IEC 60 529        | IP 55  |
| Packs of                                 | 1 pc(s).   |
| Net weight                               | 32.3   |
| Gross weight                             | 34   |
| Customs tariff number                    | 84158300   |
| EAN                                      | 4028177429840                                    |
| ETIM 9                                   | EC002515   |
| ETIM 8                                   | EC002515   |
| ECLASS 8.0                               | 27180712   |

## Approvals

# Approvals

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

## Tender text

Roof-mounted air/water heat exchanger

For use in tough environments. Flexible water connection options.

Total cooling output L 35 W 10, 400l/h: 2.5 kW

Rated operating voltage: 230 V, 50/60 Hz

Refrigerant: Water (see specifications)

Water-carrying parts: Cu/CuZn

Dimensions [W x H x D]: 597 x 417 x 475 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: Comfort controller with two floating fault signal outlets and door limit switch connection (factory setting +35°C)

Type of connection: Plug-in terminal strip

Protection category to IEC 60 529: IP 55

Weight: 23.5 kg

Colour: RAL 7035