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# SK 3209.504 Air/water heat exchangers

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## SK 3209.504 - 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 3209.504  |
|-------------------------|--|
| Design                  | roof-mounted   |
|                         | Water-carrying parts, stainless steel (1.4571)                   |
| 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)        |
|                         | Drilling template  |
|                         | Sealing mat  |
|                         | Assembly parts   |
| Total cooling output    | L 35 W 10 at 400 l/h: 1.87 kW                                    |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 95 W   |
|                         | At 60 Hz: 110 W  |
| Rated current max.      | At 50 Hz: 0.4 A  |
|                         | At 60 Hz: 0.48 A   |

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### **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 °C30 °C  |
| Water connections                        | ½" connector sleeve<br>G 3/8" external thread    |
| Temperature control                      | e-Comfort controller (factory setting +35 °C)    |
| Operating temperature range              | 1 °C70 °C  |
| Dimensions                               | Width: 597 mm<br>Height: 417 mm<br>Depth: 475 mm |
| Note on Model No.                        | Extended delivery times.                         |
| Protection category                      | IP 65 available on request                       |
| Pre-fuse                                 | Miniature circuit-breaker/fuse: 4 A              |
| Setting range                            | 20 °C55 °C                                       |
| Protection category to IEC 60 529        | IP 55  |
| Packs of                                 | 1 pc(s).   |
| Net weight                               | 32.25  |
| Gross weight                             | 34.5   |
| Customs tariff number                    | 84158300   |
| EAN                                      | 4028177429901                                    |
| ETIM 9                                   | EC002515   |
| ETIM 8                                   | EC002515   |
| ECLASS 8.0                               | 27180712   |

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#### **Approvals**

**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: 1.88 kW

Rated operating voltage: 230 V, 50/60 Hz Refrigerant: Water (see specifications)

Water-carrying parts: Stainless steel (1.4571) 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

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