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**SK 3383.520**

**TopTherm Blue e roof-mounted  
cooling unit**

State: 12/03/2026 (Source: [rittal.com/rs-sr](https://www.rittal.com/rs-sr))

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FRIEDHELM LOH GROUP



# SK 3383.520 - TopTherm Blue e roof-mounted cooling unit

## Total cooling output 0.50 - 4.00 kW

Energy-efficient Blue e roof-mounted cooling units in output categories from 500 W to 4,000 W with e-Comfort controller integrated as standard and electrical condensate evaporation.



## Features

|                     |                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.           | SK 3383.520                                                                                                                                                                               |
| Design              | roof-mounted                                                                                                                                                                              |
| Product description | Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller and electric condensate evaporation as standard.                                                    |
| Benefits            | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller                                                           |
| Material            | Sheet steel                                                                                                                                                                               |
| Colour              | RAL 7035                                                                                                                                                                                  |
| Supply includes     | Condenser with hydrophobic RiNano coating<br>Integral electric condensate evaporation<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts |

# Features

|                                                |                                                                                                                                                               |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total cooling output to DIN EN 14511           | Cooling output L35 L35/50 Hz: 1 kW<br>Cooling output L35 L35/60 Hz: 1.09 kW<br>Cooling output L35 L50/50 Hz: 0.71 kW<br>Cooling output L35 L50/60 Hz: 0.81 kW |
| Rated operating voltage                        | 200 V, 1~, 50 Hz/60 Hz                                                                                                                                        |
| Note                                           | The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.                                               |
| Rated current max.                             | At 50 Hz: 3.3 A<br>At 60 Hz: 4.5 A                                                                                                                            |
| Start-up current max.                          | At 50 Hz: 10.1 A<br>At 60 Hz: 11.6 A                                                                                                                          |
| Air throughput (unimpeded air flow)            | External circuit: 1,600 m³/h<br>Internal circuit: 491 m³/h                                                                                                    |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.4<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.95                                                               |
| Design                                         | roof-mounted                                                                                                                                                  |
| Dimensions                                     | Width: 597 mm<br>Height: 417 mm<br>Depth: 475 mm                                                                                                              |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54                                                                                                              |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.65 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.41 t                                              |
| Type of electrical connection                  | Plug-in terminal strip                                                                                                                                        |
| Duty cycle                                     | 100 %                                                                                                                                                         |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                 |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                 |
| Operating temperature max @60 Hz               | 53 °C                                                                                                                                                         |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                |

## Features

|                                          |                                                                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Setting range                            | 20 °C...53 °C                                                                                                                                                                |
| Power consumption Pel                    | Power consumption L35 L35/50 Hz: 0.42 kW<br>Power consumption L35 L35/60 Hz: 0.56 kW<br>Power consumption L35 L50/50 Hz: 0.45 kW<br>Power consumption L35 L50/60 Hz: 0.57 kW |
| Permissible operating pressure (p. max.) | 28 bar                                                                                                                                                                       |
| Pre-fuse                                 | Transformer circuit-breaker: 6.3...10 A                                                                                                                                      |
| Packs of                                 | 1 pc(s).                                                                                                                                                                     |
| Net weight                               | 40 kg                                                                                                                                                                        |
| Gross weight                             | 43 kg                                                                                                                                                                        |
| Customs tariff number                    | 84158200                                                                                                                                                                     |
| ETIM 9                                   | EC000855                                                                                                                                                                     |
| ETIM 8                                   | EC000855                                                                                                                                                                     |
| ECLASS 8.0                               | 27180704                                                                                                                                                                     |

## Approvals

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Approvals    | UL + C-UL (listed)<br>UL + C-UL - FTTA                    |
| Certificates | EAC                                                       |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |