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## SK 3359.540

# TopTherm Blue e roof-mounted cooling unit

State: 25/11/2024 (Source: [rittal.com/com-en](http://rittal.com/com-en))

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CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3359.540 - 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 3359.540   |
| 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 |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 0.77 kW<br>Cooling output L35 L35/60 Hz: 0.75 kW<br>Cooling output L35 L50/50 Hz: 0.52 kW<br>Cooling output L35 L50/60 Hz: 0.47 kW                          |
| Rated operating voltage              | 400 V, 2~, 50 Hz/60 Hz<br>400 V AC  |
| 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: 1.6 A<br>At 60 Hz: 2.1 A  |

# Features

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| Start-up current max.                          | At 50 Hz: 5.4 A<br>At 60 Hz: 5.2 A   |
| Air throughput (unimpeded air flow)            | External circuit: 800 m <sup>3</sup> /h<br>Internal circuit: 585 m <sup>3</sup> /h   |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.14<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.79   |
| Design   | roof-mounted   |
| Dimensions                                     | Width: 597 mm<br>Height: 417 mm<br>Depth: 380 mm   |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54   |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.4 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.25 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  |
| Storage temperature range                      | -40 °C...70 °C   |
| Setting range                                  | 20 °C...55 °C  |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 0.36 kW<br>Power consumption L35 L35/60 Hz: 0.42 kW<br>Power consumption L35 L50/50 Hz: 0.49 kW<br>Power consumption L35 L50/60 Hz: 0.48 kW |
| Permissible operating pressure (p. max.)       | 28 bar   |
| Pre-fuse                                       | Transformer circuit-breaker: 6.3...10 A  |
| Packs of                                       | 1 pc(s).   |
| Weight/pack                                    | 37 kg  |

# Features

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| Net weight | 38.95 |
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| Gross weight | 41 |
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| Customs tariff number | 84158200 |
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| EAN | 4028177433717 |
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| ETIM 8 | EC000855 |
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| ETIM 7.0 | EC000855 |
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| ECLASS 8.0 | 27180704 |
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# Approvals

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| Approvals | 30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTTA |
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| Certificates | EAC |
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| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |
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