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► **TopTherm Blue e  
roof-mounted cooling  
unit Total cooling  
output 0.50 - 4.00 kW  
– SK 3359.510**

Date : Apr 26, 2021

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# TopTherm Blue e roof-mounted cooling unit Total cooling output 0.50 - 4.00 kW – SK 3359.510

created: 26.04.2021 build on [www.rittal.com/uk-en](http://www.rittal.com/uk-en)



## Product description

|  |   |
|--|---|
| <b>Description:</b>                          | Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller, RiNano coating on the condenser and electric condensate evaporation as standard. |
| <b>Benefits:</b>                             | May be linked to the IoT interface via the Blue e IoT adaptor   |
| <b>Material:</b>                             | Sheet steel   |
| <b>Colour:</b>                               | RAL 7035  |
| <b>Protection category IP to IEC 60 529:</b> | External circuit IP 34<br>Internal circuit IP 54  |
| <b>Supply includes:</b>                      | Nano-coated condenser<br>Integral electric condensate evaporation<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts   |
| <b>Note:</b>                                 | The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.   |

## Product description

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| <b>Variant:</b>                              | roof-mounted   |
| <b>Total cooling output to DIN EN 14511:</b> | L 35 L 35 at 50 Hz: 0.77 kW<br>L 35 L 35 at 60 Hz: 0.79 kW<br>L 35 L 50 at 50 Hz: 0.52 kW<br>L 35 L 50 at 60 Hz: 0.47 kW |

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| <b>Air throughput (unimpeded air flow):</b>            | External circuit: 910 m <sup>3</sup> /h<br>Internal circuit: 440 m <sup>3</sup> /h   |
| <b>Rated operating voltage:</b>                        | 115 V, 1~, 50 Hz/60 Hz   |
| <b>Dimensions:</b>                                     | Width: 597 mm<br>Height: 417 mm<br>Depth: 380 mm   |
| <b>Temperature control:</b>                            | e-Comfort controller (factory setting +35 °C)  |
| <b>Temperature range:</b>                              | Bearing: -40 °C...+70 °C<br>Operation (environment): +10 °C...+55 °C<br>Setting range: +20 °C...+55 °C                                   |
| <b>Refrigerant/cooling medium:</b>                     | Refrigerant: R134a<br>Quantity: 0.4 kg<br>Global Warming Potential (GWP): 1430<br>CO <sub>2</sub> equivalent (CO <sub>2e</sub> ): 0.57 t |
| <b>Type of electrical connection:</b>                  | Plug-in terminal strip   |
| <b>Duty cycle:</b>                                     | 100 %  |
| <b>Power consumption P<sub>ej</sub>:</b>               | L 35 L 35 at 50 Hz: 0.33 kW<br>L 35 L 35 at 60 Hz: 0.43 kW<br>L 35 L 50 at 50 Hz: 0.49 kW<br>L 35 L 50 at 60 Hz: 0.42 kW                 |
| <b>Rated current max.:</b>                             | At 50 Hz: 5.6 A<br>At 60 Hz: 7.4 A   |
| <b>Start-up current max.:</b>                          | At 50 Hz: 18.4 A<br>At 60 Hz: 18 A   |
| <b>Pre-fuse:</b>                                       | Transformer circuit-breaker: 11 A...16 A   |
| <b>Permissible operating pressure (p. max.):</b>       | 28 bar   |
| <b>eCl@ss 8.0/8.1:</b>                                 | 27180704   |
| <b>Energy efficiency ratio (EER) 50/60 Hz L35 L35:</b> | 2,28 / 1,82  |
| <b>Packs of:</b>                                       | 1 pc(s).   |
| <b>Weight/pack:</b>                                    | 37 kg  |
| <b>EAN:</b>  | 4028177429628  |

|                               |  |
|-------------------------------|--|
| <b>Customs tariff number:</b> | 84158200   |
| <b>ETIM 7.0:</b>              | EC000855   |
| <b>ETIM 6.0:</b>              | EC000855   |
| <b>eCl@ss 8.0/8.1:</b>        | 27180704   |
| <b>eCl@ss 6.0/6.1:</b>        | 27180704   |
| <b>Product description:</b>   | SK cooling unit Blue e, roof-mounted, 0.77 kW, 115 V, 1~, 50/60 Hz, Sheet steel, WHD: 597 x 417 x 380 mm |

## Approvals

|                      |   |
|----------------------|---|
| <b>Approvals:</b>    | Approval overview<br>UL + C-UL - FTTA<br>UR + C-UR                        |
| <b>Certificates:</b> | EAC   |
| <b>Declarations:</b> | Declaration of conformity<br>Declaration of conformity - F-gas regulation |