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► **TopTherm Blue e  
roof-mounted cooling  
unit Total cooling  
output 0.50 - 4.00 kW  
– SK 3386.540**

Date : Sep 23, 2020

ENCLOSURES

POWER DISTRIBUTION

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# TopTherm Blue e roof-mounted cooling unit Total cooling output 0.50 - 4.00 kW – SK 3386.540

created: 23.09.2020 build on [www.rittal.com/lt-en](http://www.rittal.com/lt-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 features

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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: 3 kW<br>L 35 L 35 at 60 Hz: 3.3 kW<br>L 35 L 50 at 50 Hz: 2.2 kW<br>L 35 L 50 at 60 Hz: 2.5 kW |

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|--|--|
| <b>Air throughput (unimpeded air flow):</b>            | External circuit: 3450 m <sup>3</sup> /h<br>Internal circuit: 1280 m <sup>3</sup> /h   |
| <b>Rated operating voltage:</b>                        | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |
| <b>Dimensions:</b>                                     | Width: 796 mm<br>Height: 470 mm<br>Depth: 580 mm   |
| <b>Temperature control:</b>                            | e-Comfort controller (factory setting +35 °C)  |
| <b>Temperature range:</b>                              | Operation (environment): +10 °C...+55 °C<br>Setting range: +20 °C...+55 °C   |
| <b>Refrigerant/cooling medium:</b>                     | Refrigerant: R134a<br>Quantity: 1600 g<br>Global Warming Potential (GWP): 1430<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 2.29 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: 1.17 kW<br>L 35 L 35 at 60 Hz: 1.48 kW<br>L 35 L 50 at 50 Hz: 1.42 kW<br>L 35 L 50 at 60 Hz: 1.76 kW                 |
| <b>Rated current max.:</b>                             | At 50 Hz: 3.4 A<br>At 60 Hz: 3.4 A   |
| <b>Start-up current max.:</b>                          | At 50 Hz: 8 A<br>At 60 Hz: 9 A   |
| <b>Pre-fuse:</b>                                       | Motor circuit-breaker: 6,3 A...10 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> | 2,56 / 2,23  |
| <b>Packs of:</b>                                       | 1 pc(s).   |
| <b>Weight/pack:</b>                                    | 70 kg  |
| <b>EAN:</b>  | 4028177323308  |

|                               |   |
|-------------------------------|---|
| <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, 3 kW, 400-460 V, 3~, 50/60 Hz, Sheet steel, WHD: 796 x 470 x 580 mm |

## Approvals

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