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## SK 3359.540

# TopTherm Blue e roof-mounted cooling unit

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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 |

# Features

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|--|--|
| 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   |
| 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  |

# Features

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|  |  |
|--|--|
| 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).   |
| Net weight                               | 38.95 kg   |
| Gross weight                             | 41 kg  |
| Customs tariff number                    | 84158200   |
| ETIM 9                                   | EC000855   |
| ETIM 8                                   | EC000855   |
| ECLASS 8.0                               | 27180704   |
| Product description                      | SK cooling unit Blue e, roof-mounted, 0.77 kW, 400 V, 2~, 50/60 Hz, Sheet steel, WHD: 597 x 417 x 380 mm   |

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# Approvals

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

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