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## SK 3359.600

# TopTherm Blue e roof-mounted cooling unit

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CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3359.600 - 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 3359.600   |
| 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                             | Stainless steel 1.4301 (AISI 304)   |
| Colour                               | RAL 9007  |
| 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: 0.79 kW<br>Cooling output L35 L50/50 Hz: 0.52 kW<br>Cooling output L35 L50/60 Hz: 0.47 kW                          |
| Rated operating voltage              | 230 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: 2.8 A<br>At 60 Hz: 3.7 A  |
| Start-up current max.                | At 50 Hz: 9.2 A<br>At 60 Hz: 9 A  |

# Features

|  |  |
|--|--|
| 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: 2.28<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.85   |
| 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: R134a<br>Quantity: 0.4 kg<br>Global Warming Potential (GWP): 1,430<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.57 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: 0.33 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: 0.42 kW |
| Permissible operating pressure (p. max.)       | 28 bar   |
| Pre-fuse                                       | Miniature circuit-breaker/fuse: 10 A   |
| Note on Model No.                              | Extended delivery times.   |
| Packs of                                       | 1 pc(s).   |
| Weight/pack                                    | 32 kg  |
| Copper weight (kg per piece)                   | 0  |

# Features

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|                       |               |
|-----------------------|---------------|
| Customs tariff number | 84158200      |
| EAN                   | 4028177429659 |
| ETIM 7.0              | EC000855      |
| ECLASS 8.0            | 27180704      |

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# Approvals

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|              |   |
|--------------|---|
| Approvals    | UL + C-UL - FTTA<br>UR + C-UR (recognized)  |
| Certificates | EAC   |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |

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# Tender text

3359600

Roof-mounted cooling unit TopTherm Blue e

Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller, hydrophobic RiNano coating on the condenser and e condensate evaporation as standard.

Total cooling output L35 L35 50/60 Hz: 0,77 / 0,79 kW

Total cooling output L35 L50 50/60 Hz: 0,52 / 0,47 kW

Power consumption L35 L35 50/60 Hz: 0,33 / 0,42 kW

Power consumption L35 L50 50/60 Hz: 0,49 / 0,42 kW

Rated power input 50/60 Hz: 2,8 / 3,7 A

Rated operating voltage: 230 V, 1~, 50/60 Hz

Temperature control: e-comfortcontroller (factory setting +35 °C)

Dimensions [WxHxD]: 597x417x475 mm

Material: Stainless steel 1.4301 (AISI 304)

Colour: RAL 9007

Refrigeration factor (EER) 50/60 Hz: 2,28 / 1,85

Refrigerant / Quantity: R134a / 400 g

Operating temperature range: 10 °C to 55 °C

Setting range: 20 °C to 55 °C

Protection category IP to IEC 60 529: Internal circuit IP 54, external circuit IP 34

Weight: 32 kg