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# SK 3382.600

# TopTherm Blue e roof-mounted cooling unit

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# SK 3382.600 - 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 3382.600 |
| 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 | 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: 0.6 kW<br>Cooling output L35 L35/60 Hz: 0.62 kW<br>Cooling output L35 L50/50 Hz: 0.47 kW<br>Cooling output L35 L50/60 Hz: 0.48 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. |
| Note on Model No. | Extended delivery times. |
| Rated current max. | At 50 Hz: 2.3 A<br>At 60 Hz: 2.6 A |

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# Features

| | |
|---|---|
| Start-up current max. | At 50 Hz: 9.1 A<br>At 60 Hz: 8.8 A |
| Air throughput (unimpeded air flow) | External circuit: 800 m³/h<br>Internal circuit: 170 m³/h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.62<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.91 |
| 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: 0.3 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.19 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: 0.37 kW<br>Power consumption L35 L35/60 Hz: 0.34 kW<br>Power consumption L35 L50/50 Hz: 0.41 kW<br>Power consumption L35 L50/60 Hz: 0.39 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Miniature circuit-breaker/fuse: 10 A |
| Packs of | 1 pc(s). |
| Net weight | 28.5 kg |

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# Features

| | |
|---|---|
| Gross weight | 38.5 kg |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK Blue e cooling unit, roof-mounted, 0.60 kW, 230 V, 1~, 50/60 Hz, stainless steel, WHD: 597 x 417 x 380 mm |

# Approvals

| | |
|---|---|
| Approvals | C-UR<br>UL + C-UL - FTTA |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |

# Tender text

Energy-efficient Blue e roof-mounted cooling units with integral
e-Comfort controller and electric condensate evaporation as standard.
Material
Stainless steel 1.4301 (AISI 304)
Colour
RAL 9007
Supply includes
Condenser with hydrophobic RiNano coating
Integral electric condensate evaporation
Fully wired ready for connection (plug-in terminal strip)
Drilling template
Assembly parts
Total cooling output to DIN EN 14511
Cooling output L35 L35/50 Hz: 0.6 kW
Cooling output L35 L35/60 Hz: 0.62 kW
Cooling output L35 L50/50 Hz: 0.47 kW
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230 V, 1~, 50 Hz/60 Hz
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Dimensions
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Internal circuit IP 54
Refrigerant/cooling medium
Refrigerant: R-513A
Quantity: 0.3 kg
Global Warming Potential (GWP): 631
$CO_2$ equivalent ($CO_2e$): 0.19 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
Net weight
28.5 kg