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# SK 3386.540

# TopTherm Blue e roof-mounted cooling unit

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

FRIEDHELM LOH GROUP

# SK 3386.540 - 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 3386.540 |
| 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 |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 3 kW<br>Cooling output L35 L35/60 Hz: 3.3 kW<br>Cooling output L35 L50/50 Hz: 2.2 kW<br>Cooling output L35 L50/60 Hz: 2.5 kW |
| Rated operating voltage | 400 V, 3~, 50 Hz<br>460 V, 3~, 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: 3.4 A<br>At 60 Hz: 3.4 A |

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# Features

| | |
|---|---|
| Start-up current max. | At 50 Hz: 8 A<br>At 60 Hz: 9 A |
| Air throughput (unimpeded air flow) | External circuit: 3,450 m³/h<br>Internal circuit: 1,280 m³/h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.29<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.13 |
| Design | roof-mounted |
| Dimensions | Width: 796 mm<br>Height: 470 mm<br>Depth: 580 mm |
| Protection category to IEC 60 529 | External circuit IP 34<br>Internal circuit IP 54 |
| Refrigerant/cooling medium | Refrigerant: R-513A<br>Quantity: 1.6 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 1.01 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: 1.31 kW<br>Power consumption L35 L35/60 Hz: 1.55 kW<br>Power consumption L35 L50/50 Hz: 1.49 kW<br>Power consumption L35 L50/60 Hz: 1.76 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Motor circuit-breaker: 6.3...10 A |
| Packs of | 1 pc(s). |
| Net weight | 83.7 kg |

# Features

| | |
|---|---|
| Gross weight | 84 kg |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | 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

| | |
|---|---|
| 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 |

# Tender text

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Fully wired ready for connection (plug-in terminal strip)
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Assembly parts
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Operating temperature range
10 °C...55 °C
Storage temperature range
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