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SK 3383.540

TopTherm Blue e roof-mounted cooling unit

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ENCLOSURES

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CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3383.540 - 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

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|---------------------|---|
| Model No. | SK 3383.540 |
| 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 Integral electric condensate evaporation Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts |

Features

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| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1 kW Cooling output L35 L35/60 Hz: 1.09 kW Cooling output L35 L50/50 Hz: 0.8 kW Cooling output L35 L50/60 Hz: 0.81 kW |
| Rated operating voltage | 400 V, 2~, 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: 1.7 A At 60 Hz: 2.2 A |
| Start-up current max. | At 50 Hz: 4.6 A At 60 Hz: 5.7 A |
| Air throughput (unimpeded air flow) | External circuit: 1,600 m ³ /h Internal circuit: 491 m ³ /h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.4 Refrigeration factor L35 L35 (EER) 60 Hz: 1.95 |
| Design | roof-mounted |
| Dimensions | Width: 597 mm Height: 417 mm Depth: 475 mm |
| Protection category to IEC 60 529 | External circuit IP 34 Internal circuit IP 54 |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 0.65 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 0.41 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 |
| Operating temperature max @60 Hz | 53 °C |
| Storage temperature range | -40 °C...70 °C |

Features

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| Setting range | 20 °C...53 °C |
| Power consumption Pel | Power consumption L35 L35/50 Hz: 0.42 kW Power consumption L35 L35/60 Hz: 0.56 kW Power consumption L35 L50/50 Hz: 0.48 kW Power consumption L35 L50/60 Hz: 0.65 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Transformer circuit-breaker: 6.3...10 A |
| Packs of | 1 pc(s). |
| Net weight | 46,55 kg |
| Gross weight | 49 kg |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK cooling unit Blue e, roof-mounted, 1 kW, 400 V, 2~, 50/60 Hz, Sheet steel, WHD: 597 x 417 x 475 mm |

Approvals

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|--------------|---|
| Approvals | UL + C-UL (listed) UL + C-UL - FTTA |
| Explanations | Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK |