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SK 3385.640

TopTherm Blue e Roof-Mounted Cooling Unit

State: 4/2/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3385.640 - TopTherm Blue e Roof-Mounted Cooling Unit Total cooling output 1706.07 - 13648.57 BTU/h

Energy-efficient Blue e roof-mounted cooling units in output categories 1706.07 - 13648.57 BTU/h with e-Comfort controller integrated as standard and electrical condensate evaporation.



Features

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| Model No. | SK 3385.640 |
| Version | 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 the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers |
| Material | Stainless steel 1.4301 (AISI 304) |
| Color | RAL 9007 |
| Supply includes | Condenser with hydrophobic RiNano coating Integral electric condensate evaporation Wired ready for connection (plug-in terminal strip) Drilling template Fasteners |

Features

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| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 2 kW Cooling output L35 L35/60 Hz: 2.14 kW Cooling output L35 L50/50 Hz: 1.58 kW Cooling output L35 L50/60 Hz: 1.51 kW Cooling output L35 L35/50 Hz: 6,824 BTU/h Cooling output L35 L35/60 Hz: 7,302 BTU/h Cooling output L35 L50/50 Hz: 5,391 BTU/h Cooling output L35 L50/60 Hz: 5,152 BTU/h |
| Rated operating voltage | 400 V, 2~, 50 Hz/60 Hz 400 V AC |
| Note | Due to its low noise level, the roof-mounted cooling unit 3273.500 is also suitable for use in office applications. |
| Rated current max. | At 50 Hz: 4.2 A At 60 Hz: 4.4 A |
| Start-up current (max.) | At 50 Hz: 11.7 A At 60 Hz: 11.7 A |
| Air throughput (unimpeded air flow) | External circuit: 1,760 m ³ /h Internal circuit: 470 m ³ /h External circuit: 1,035.9 cfm Internal circuit: 276.6 cfm |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.96 Refrigeration factor L35 L35 (EER) 60 Hz: 1.69 |
| Version | roof-mounted |
| Dimensions | Width: 597 mm Height: 417 mm Depth: 475 mm Width: 23.5 " Height: 16.4 " Depth: 18.7 " |
| Protection category IP to EN 60529 | External circuit, IP 34 Internal circuit, IP 54 |

Features

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| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 0.9 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.57 t Refrigerant: R-513A Quantity: 2 lb. |
| Type of connection (electrical) | Plug-in terminal strip |
| Duty cycle | 100 % |
| Temperature control | e-Comfort Controller (factory setting +35 °C) |
| Operating temperature range | 10 °C...55 °C 50 °F...131 °F |
| Operating temperature max @60 Hz | 53 °C 127 °F |
| Storage temperature range | -40 °C...70 °C -40 °F...158 °F |
| Setting range | 20 °C...53 °C 68 °F...127 °F |
| Rated power Pel | Rated power L35 L35/50 Hz: 1.02 kW Rated power L35 L35/60 Hz: 1.27 kW Rated power L35 L50/50 Hz: 1.15 kW Rated power L35 L50/60 Hz: 1.29 kW |
| Permissible operating pressure (p. max.) | 28 bar 406.1 PSI |
| Note on Model No.: | Delivery times on request. |
| Pre-fuse | Transformer circuit-breaker: 6.3...10 A |
| Packaging unit | 1 pc(s). |
| Net weight | 53.2 kg |
| Gross weight | 56 kg |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |

Features

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| ECLASS 8.0 | 27180704 |
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| Product description | SK cooling unit Blue e, roof-mounted, 6824 BTU/h, 400 V, 2~, 50/60 Hz, Stainless steel, WHD: 597 x 417 x 475 mm |
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Approvals

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