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SK 3184.840

Wall-mounted cooling unit Blue e+ S

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3184.840 - Wall-mounted cooling unit Blue e+ S

1023.64 - 3412.14 BTU/h

Blue e+ S cooling units with proven Blue e+ technology offer the world's highest energy efficiency. This is also linked with a reduction in the CO₂ footprint of machinery and equipment. In a new design and with many smart functions.

Features

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|--------------------------------------|--|
| Model No. | SK 3184.840 |
| Version | wall-mounted |
| Benefits | Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO ₂ footprint Universal compatibility due to multi-voltage capability and country-specific approvals Intelligent and easy monitoring via IoT interface Convenient operation with the Rittal Scan & Service App |
| Material | Carbon steel |
| General color | RAL 7035 |
| Color | Housing: RAL 7035 Louvered grille: RAL 7012 |
| Supply includes | Assembly components Wired ready for connection (plug-in terminal strip) Integral electric condensate evaporation |
| Options | For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300. Increase machine availability and process safety by remote monitoring of device data, condition, and system messages. |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1 kW Cooling output L35 L35/60 Hz: 1 kW Cooling output L35 L50/50 Hz: 0.6 kW Cooling output L35 L50/60 Hz: 0.6 kW |
| Rated operating voltage | 380 V - 480 V, 2~, 50 Hz/60 Hz |

Features

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| Note | Please observe the assembly instructions. When the software is downloaded, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these license conditions. Only for semi-outdoor use (see instructions for description) |
| Note on Model No.: | Tolerance: 380 V -10% (342 V) and 480 V +10% (528 V) |
| Rated output | 0.59 kW |
| Air throughput (unimpeded air flow) | External circuit: 680 m ³ /h Internal circuit: 680 m ³ /h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.37 Refrigeration factor L35 L35 (EER) 60 Hz: 2.37 |
| Version | wall-mounted |
| Dimensions | Width: 400 mm Height: 950 mm Depth: 196 mm |
| Required mounting cut-out | Width of opening: 383 mm Cut-out height: 929 mm |
| Protection category IP to EN 60 529 | Internal circuit IP 55 |
| Protection category NEMA | UL Type 1 UL Type 12 |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 0.31 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 0.2 t |
| Temperature control | e+ controller (factory setting +35 °C) |
| Operating temperature range | -20 °C...60 °C |
| Storage temperature range | -40 °C...70 °C |
| Operating temperature range of refrigerant circuit (active) | 3 °C...60 °C |
| Operating temperature range of heat pipe | -20 °C...45 °C |

Features

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| Setting range | 20 °C...50 °C |
| Rated power Pel | Rated power L35 L35/50 Hz: 0.42 kW Rated power L35 L35/60 Hz: 0.42 kW Rated power L35 L50/50 Hz: 0.49 kW Rated power L35 L50/60 Hz: 0.49 kW |
| Permissible operating pressure (p. max.) | 34 bar |
| Packaging unit | 1 pc(s). |
| Net weight | 31 kg |
| Gross weight | 32 kg |
| PCF/VE (cradle-to-gate) | 444.24 |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK Cooling unit Blue e+ S, wall-mounted, 3412 BTU/h 380-480 V, 2~, 50-60 Hz, carbon steel, WHD: 400 x 950 x 196 mm |

Approvals

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| Approvals | 30 - KC Korea UL + C-UL (listed) UL + C-UL - FTTA |
| Explanations | Declaration of conformity Declaration of conformity - F-gas regulation PCF-declaration |