

Rittal – The System.

Faster – better – everywhere.



SK 3180.800

Wall-mounted cooling unit Blue e+ S

State: 8/16/2024 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

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IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3180.800 - 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 3180.800 |
| Version | wall-mounted Integral electric condensate evaporation |
| Benefits | Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO ₂ footprint Increased environmental friendliness through use of refrigerant R-513A 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 |
| 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. |

Features

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| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 0.78 kW Cooling output L35 L35/60 Hz: 0.78 kW Cooling output L35 L50/50 Hz: 0.44 kW Cooling output L35 L50/60 Hz: 0.44 kW Cooling output L35 L35/50 Hz: 2,661 BTU/h Cooling output L35 L35/60 Hz: 2,661 BTU/h Cooling output L35 L50/50 Hz: 1,501 BTU/h Cooling output L35 L50/60 Hz: 1,501 BTU/h |
| Rated operating voltage | 110 V - 240 V, 1~, 50 Hz/60 Hz |
| 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: 110 V -10% (99 V) and 240 V +10% (264 V) |
| Rated output | 0.56 kW |
| Air throughput (unimpeded air flow) | External circuit: 378 m ³ /h Internal circuit: 378 m ³ /h External circuit: 222.5 cfm Internal circuit: 222.5 cfm |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.9 Refrigeration factor L35 L35 (EER) 60 Hz: 1.9 |
| Version | wall-mounted |
| Dimensions | Width: 300 mm Height: 570 mm Depth: 250 mm Width: 11.8 " Height: 22.4 " Depth: 9.84 " |
| Required mounting cut-out | Width of opening: 280 mm Cut-out height: 550 mm Width of opening: 11 " Cut-out height: 21.7 " |
| Protection category IP to EN 60529 | Internal circuit IP 55 |

Features

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|---|--|
| Protection category NEMA | UL Type 12 UL Type 3R |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 0.19 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.12 t Refrigerant: R-513A Quantity: 0.4 lb. |
| Temperature control | e+ controller (factory setting +35 °C) |
| Operating temperature range | -20 °C...60 °C -4 °F...140 °F |
| Storage temperature range | -40 °C...70 °C -40 °F...158 °F |
| Operating temperature range of refrigerant circuit (active) | 3 °C...60 °C |
| Operating temperature range of heat pipe | -20 °C...45 °C |
| Setting range | 20 °C...50 °C 68 °F...122 °F |
| Rated power Pel | Rated power L35 L35/50 Hz: 0.41 kW Rated power L35 L35/60 Hz: 0.41 kW Rated power L35 L50/50 Hz: 0.49 kW Rated power L35 L50/60 Hz: 0.49 kW |
| Permissible operating pressure (p. max.) | 35 bar 507.6 PSI |
| Packaging unit | 1 pc(s). |
| Weight/packaging unit | 15.3 kg 33.7 lb. |
| Customs tariff number | 84158200 |
| EAN | 4028177966833 |
| ETIM 8 | EC000855 |
| ETIM 7.0 | EC000855 |
| ECLASS 8.0 | 27180704 |

Approvals

Approvals

UL + C-UL (listed)

UL + C-UL - FTTA

Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation

Declaration of conformity UK