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# SK 3178.801

# Wall-mounted cooling unit Blue e+ S

State: 11/15/2026 (Source: www.rittal.com/us-en)

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

FRIEDHELM LOH GROUP

# SK 3178.801 - 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 $CO_2$ footprint of machinery and equipment. In a new design and with many smart functions.

## Features

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|---|---|
| Model No. | SK 3178.801 |
| Version | wall-mounted |
| Benefits | Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO2 footprint<br>Universal compatibility due to multi-voltage capability and country-specific approvals<br>Intelligent and easy monitoring via IoT interface<br>Convenient operation with the Rittal Scan & Service App |
| Material | Carbon steel |
| General color | RAL 7035 |
| Color | Housing: RAL 7035<br>Louvered grille: RAL 7012 |
| Supply includes | Condenser with hydrophobic RiNano coating<br>Assembly components<br>Wired ready for connection (plug-in terminal strip) |
| 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. |

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# Features

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| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 0.3 kW<br>Cooling output L35 L35/60 Hz: 0.3 kW<br>Cooling output L35 L50/50 Hz: 0.22 kW<br>Cooling output L35 L50/60 Hz: 0.22 kW<br>Cooling output L35 L35/50 Hz: 1,024 BTU/h<br>Cooling output L35 L35/60 Hz: 1,024 BTU/h<br>Cooling output L35 L50/50 Hz: 751 BTU/h<br>Cooling output L35 L50/60 Hz: 751 BTU/h |
| Rated operating voltage | 110 V - 240 V, 1~, 50 Hz/60 Hz |
| Note | Please observe the assembly instructions.<br>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.<br>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 | 0.22 kW |
| Air throughput (unimpeded air flow) | External circuit: 366.6 m³/h<br>Internal circuit: 366.6 m³/h<br>External circuit: 215.8 cfm<br>Internal circuit: 215.8 cfm |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.01<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.01 |
| Dimensions | Width: 300 mm<br>Height: 570 mm<br>Depth: 159 mm<br>Width: 11.8 ″<br>Height: 22.4 ″<br>Depth: 6.26 ″ |
| Required mounting cut-out | Width of opening: 280 mm<br>Cut-out height: 550 mm<br>Width of opening: 11 ″<br>Cut-out height: 21.7 ″ |
| Protection category IP to EN 60 529 | Internal circuit IP 55 |
| Protection category NEMA | UL Type 1<br>UL Type 12 |

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# Features

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| Refrigerant/cooling medium | Refrigerant: R-513A<br>Quantity: 0.13 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.08 t<br>Refrigerant: R-513A<br>Quantity: 0.3 lb. |
| Temperature control | e+ controller (factory setting +35 °C) |
| Operating temperature range | -20 °C...60 °C<br>-4 °F...140 °F |
| Storage temperature range | -40 °C...70 °C<br>-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<br>68 °F...122 °F |
| Rated power Pel | Rated power L35 L35/50 Hz: 0.15 kW<br>Rated power L35 L35/60 Hz: 0.15 kW<br>Rated power L35 L50/50 Hz: 0.18 kW<br>Rated power L35 L50/60 Hz: 0.18 kW |
| Permissible operating pressure (p. max.) | 32 bar<br>464.1 PSI |
| Packaging unit | 1 pc(s). |
| Net weight | 12.2 kg |
| Gross weight | 13.2 kg |
| PCF/VE (cradle-to-gate) | 214.38 |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |

# Features

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|---|---|
| Product description | SK Blue e+ S cooling unit, wall-mounted, 0.3 kW, 110-240 V, 1~, 50-60 Hz, carbon steel, WxHxD: 300 x 570 x 159 mm |

# Approvals

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|---|---|
| Approvals | UL + C-UL (listed)<br>UL + C-UL - FTTA |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>PCF-declaration |