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# SK 3187.930

# Wall-mounted cooling unit Blue e+

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# SK 3187.930 - Wall-mounted cooling unit Blue e+ 1.6 - 5.5 kW

Energy-efficient Blue e+ wall-mounted cooling units in output categories 1600 W to 5500 W. Average energy savings of 75% can be achieved with speed-regulated components and heat pipe technology. Available in sheet steel and stainless steel versions.



## Features

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|---|---|
| Model No. | SK 3187.930 |
| Design | wall-mounted |
| Benefits | Average 75% energy savings thanks to speed-regulated components and heat pipe technology<br>Suitable for international use due to a unique multi-voltage capability<br>Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling<br>Intuitive operation due to touch display and intelligent interfaces |
| Product modification | The cover for the connection box to protect the electrical connection to the cooling unit has not been included with the supply since the start of 2024. Covers 3355.200 and 3355.210 can be ordered as optional accessories. |
| Material | Sheet steel |
| Colour | RAL 7035 |
| Supply includes | Condenser with hydrophobic RiNano coating<br>Integral electric condensate evaporation<br>Assembly parts<br>Fully wired ready for connection (plug-in terminal strip) |

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# Features

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| Options | For remote monitoring and networking of cooling units and chillers in the Blue e+ generation, please use the IoT interface (Model No. 3124.300). Increase machine availability and process reliability with remote monitoring of device data, statuses and system messages. |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 2.6 kW<br>Cooling output L35 L35/60 Hz: 2.6 kW<br>Cooling output L35 L50/50 Hz: 1.7 kW<br>Cooling output L35 L50/60 Hz: 1.7 kW |
| Rated operating voltage | 110 V - 240 V, 1~, 50 Hz/60 Hz<br>380 V - 480 V, 3~, 50 Hz/60 Hz |
| Note | By downloading the software, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these licence conditions.<br>Only suitable for use in semi-outdoor areas (see instructions for description)<br>To protect the Blue e+ cooling units, a suitable overvoltage protection must be provided:<br>- Operating voltage < 460 V (3~): Uc 275 V, Imax 40 kA, In 20 kA, Up 1.5 kV.<br>- Operating voltage > 460 V (3~): Uc 385 V, Imax 40 kA, In 20 kA, Up 1.5 kV. |
| Note on Model No. | Tolerance: 110 V -10% (99 V) and 240 V +10% (264 V) / 380 V -10% (342 V) and 480 V +6% (509 V) |
| Rated power input | 1.05 kW |
| Air throughput (unimpeded air flow) | External circuit: 1,250 m³/h<br>Internal circuit: 1,250 m³/h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.63<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.63 |
| Seasonal energy efficiency ratio (SEER) 50/60 Hz | 6.2 |
| Design | wall-mounted |
| Dimensions | Width: 450 mm<br>Height: 1,600 mm<br>Depth: 294 mm |

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# Features

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|---|---|
| Required mounting cut-out | Cut-out width: 433 mm<br>Cut-out height: 1,579 mm |
| Protection category to IEC 60 529 | Internal circuit IP 55 |
| Protection category NEMA | UL Type 12<br>UL Type 3R |
| Refrigerant/cooling medium | Refrigerant: R-513A<br>Quantity: 1.07 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.68 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 |
| Heat pipe operating temperature range | -20 °C...45 °C |
| Setting range | 20 °C...50 °C |
| Power consumption Pel | Power consumption L35 L35/50 Hz: 0.99 kW<br>Power consumption L35 L35/60 Hz: 0.99 kW<br>Power consumption L35 L50/50 Hz: 0.94 kW<br>Power consumption L35 L50/60 Hz: 0.94 kW |
| Permissible operating pressure (p. max.) | 24 bar |
| Packs of | 1 pc(s). |
| Net weight | 55.2 kg |
| Gross weight | 75.5 kg |
| PCF per pack (cradle-to-gate) | 896.57 |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |

# Features

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|---|---|
| ECLASS 8.0 | 27180704 |
| Product description | SK cooling unit Blue e+, wall-mounted, 2.6 kW, 110-240 V, 1~, 380-480 V, 3~, 50-60 Hz, Sheet steel, WHD: 450 x 1600 x 294 mm |

# Approvals

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|---|---|
| Approvals | IEC CB<br>30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTTA |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK<br>PCF-declaration |

# Tender text

Blue e+ S wall-mounted cooling units with tried-and-tested
Blue e+ technology are the world's most
energy-efficient cooling units. This means
they reduce the carbon footprint of your machines and systems.
Benefits :
Contributes to climate-neutral production with average energy
savings of 75% and a reduced carbon footprint.
Multi-voltage capabilities and country-specific approvals
support global usability. Smart, simple monitoring via IoT interface
User-friendly operation with the Rittal Scan & Service app
Cooling output L35 L35/50 Hz: 2.6 kW
Cooling output L35 L35/60 Hz: 2.6 kW
Cooling output L35 L50/50 Hz: 1.7 kW
Cooling output L35 L50/60 Hz: 1.7 kW
110 V - 240 V, 1~, 50 Hz/60 Hz
380 V - 480 V, 3~, 50 Hz/60 Hz
Temperature control: e+ controller (factory setting +35 °C)
Dimensions [WxHxD]: 400 x 1,600 x 294 mm
mounting cut-out dimensions (W x D) 433 x 1579 mm
Sheet steel
RAL 7035
Refrigeration factor L35 L35 (EER) 50/ 60 Hz: 2.63
Refrigerant / Quantity:Refrigerant: R-513A, Quantity: 1.07 kg
Operating temperature range: -20 °C to 60 °C
Setting range: 20 °C to 50 °C
Storage temperature range: -40 °C to 70 °C
Protection category IP to IEC 60 529 :
Internal circuit IP 55
Protection category NEMA :
UL Type 12, UL Type 3R
Weight: 55.2 kg
Supply includes : Integral electric condensate evaporation

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