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## SK 3187.330

# Wall-mounted air conditioner Blue e + Outdoor

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POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3187.330 - Wall-mounted air conditioner Blue e + Outdoor 5118.21 - 17060.71 BTU/h

Energy-efficient wall-mounted cooling units Blue e+ Outdoor in the power classes 5118.21 to 17060.71 BTU/h . They offer optimum protection for demanding environments thanks to the high protection category of IP56 / UL Type 12/3R/4 and the temperature range of -30 °C to 60 °C. The cooling unit can be mounted in three mounting types (surface mounting, partially internal installation and fully internal installation), for example on Toptec project solutions.



## Features

|                     |   |
|---------------------|---|
| Model No.           | SK 3187.330   |
| Version             | wall-mounted<br>Outdoor   |
| Product description | The energy-efficient wall-mounted air conditioner Blue e + Outdoor can be used worldwide due to multi-voltage capability, and is suitable for use with Toptec project solutions, for example.   |
| Benefits            | An average of 75% energy savings due to speed-regulated components and heat pipe technology<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 changes     | The cover for the connection box for protection for the electrical connection on the cooling unit has not been included in the delivery scope since the start of 2024. Cover 3355.200 and cover 3355.210 can be ordered as an optional accessory.                                       |
| Material            | Aluminum AlMg3  |
| Surface finish      | Powder-coated<br>UV-resistant pure polyester  |

# Features

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|--------------------------------------|--|
| Color                                | RAL 7035   |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Integral electric condensate evaporation<br>Wired ready for connection (plug-in terminal strip)<br>Mounting frame for universal attachment to outdoor enclosures for surface mounting, partially internal installation and fully internal installation<br>Assembly components                       |
| Options                              | For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300.<br>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: 2.5 kW<br>Cooling output L35 L35/60 Hz: 2.5 kW<br>Cooling output L35 L50/50 Hz: 1.6 kW<br>Cooling output L35 L50/60 Hz: 1.6 kW<br>Cooling output L35 L35/50 Hz: 8,530 BTU/h<br>Cooling output L35 L35/60 Hz: 8,530 BTU/h<br>Cooling output L35 L50/50 Hz: 5,459 BTU/h<br>Cooling output L35 L50/60 Hz: 5,459 BTU/h |
| Rated operating voltage              | 110 V - 240 V, 1~, 50 Hz/60 Hz<br>380 V - 480 V, 3~, 50 Hz/60 Hz   |
| Note                                 | 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.  |
| 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 output                         | 1.05 kW  |
| Rated power Pel                      | Rated power L35 L35/50 Hz: 1.08 kW<br>Rated power L35 L35/60 Hz: 1.08 kW<br>Rated power L35 L50/50 Hz: 1.03 kW<br>Rated power L35 L50/60 Hz: 1.03 kW   |
| Temperature control                  | e+ controller (factory setting +35 °C)   |

# Features

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| Dimensions  | Width: 465 mm<br>Height: 1,640 mm<br>Depth: 260 mm<br>Width: 18.3 "<br>Height: 64.6 "<br>Depth: 10.2 "  |
| Enclosure dimensions including sealing frame and designer cover | Width: 517 mm<br>Height: 1,692 mm<br>Depth: 260 mm  |
| Installation type   | Universal installation (surface-mounting, partial internal installation and full internal installation)   |
| Protection category IP to IEC 60529                             | with mounting frame: Internal circuit IP56<br>without mounting frame: Internal circuit IP54   |
| Protection category NEMA  | with mounting frame: UL Type 12/3R/4<br>without mounting frame: UL Type 12/3R   |
| Air throughput (unimpeded air flow)                             | External circuit: 1,250 m <sup>3</sup> /h<br>Internal circuit: 1,250 m <sup>3</sup> /h<br>External circuit: 735.7 cfm<br>Internal circuit: 735.7 cfm                                  |
| Refrigerant/cooling medium                                      | Refrigerant: R-513A<br>Quantity: 1.07 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.68 t<br>Refrigerant: R-513A<br>Quantity: 2.4 lb. |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35                  | Refrigeration factor L35 L35 (EER) 50 Hz: 2.31<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.31  |
| Suitable for  | Enclosure type: Toptec<br>Width: ≥ 800 mm<br>Height: ≥ 1,800 mm<br>Enclosure type: Toptec<br>Width: ≥ 31.5 "<br>Height: ≥ 70.9 "  |
| Suitable for Model No.  | 9782.828<br>9783.888  |

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# Features

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| Setting range   | 20 °C...50 °C<br>68 °F...122 °F  |
| Operating temperature range                                 | -30 °C...60 °C<br>-22 °F...140 °F  |
| Operating temperature range of refrigerant circuit (active) | 3 °C...60 °C   |
| Operating temperature range of heat pipe                    | -30 °C...45 °C   |
| Storage temperature range                                   | -40 °C...70 °C<br>-40 °F...158 °F  |
| Permissible operating pressure (p. max.)                    | 2.4  |
| Noise pressure level  | 70 dB(A)   |
| Packaging unit  | 1 pc(s).   |
| Net weight  | 63 kg  |
| Gross weight  | 73 kg  |
| Customs tariff number                                       | 84158200   |
| ETIM 9  | EC000855   |
| ETIM 8  | EC000855   |
| ECLASS 8.0  | 27180704   |
| Product description   | SK Cooling unit Blue e+, wall-mounted, Outdoor, 8530 BTU/h<br>110-240 V, 1~, 380-480 V, 3~, 50-60 Hz, aluminum, WHD: 465 x 1640 x 260 mm |

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# Approvals

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| Approvals | IEC CB<br>UL + C-UL (listed) |
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# Approvals

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Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation

Declaration of conformity UK