

# Rittal – The System.

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## SK 3186.930

## Wall-mounted cooling unit Blue e+

State: 6/13/2024 (Source: [rittal.com/us-en](https://www.rittal.com/us-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3186.930 - Wall-mounted cooling unit Blue e+ 5459.43 - 19790.42 BTU/h

Energy-efficient Blue e+ wall-mounted cooling units in the 5459.43 - 19790.42 BTU/h power classes. By using speed-controlled components and heat pipe technology, they achieve an average energy saving of 75%. Available in carbon steel and stainless steel.



## Features

|                 |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.       | SK 3186.930                                                                                                                                                                                                                                                                                                                                                                           |
| Benefits        | <p>An average of 75% energy savings due to speed-regulated components and heat pipe technology</p> <p>Suitable for international use due to a unique multi-voltage capability</p> <p>Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling</p> <p>Intuitive operation due to touch display and intelligent interfaces</p> |
| Material        | Carbon steel                                                                                                                                                                                                                                                                                                                                                                          |
| Color           | RAL 7035                                                                                                                                                                                                                                                                                                                                                                              |
| Supply includes | <p>Condenser with hydrophobic RiNano coating</p> <p>Integral electric condensate evaporation</p> <p>Assembly components</p> <p>Wired ready for connection (plug-in terminal strip)</p>                                                                                                                                                                                                |
| Options         | <p>For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300.</p> <p>Increase machine availability and process safety by remote monitoring of device data, condition, and system messages.</p>                                                                                                               |

# Features

|                                                  |                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total cooling output to DIN EN 14511             | Cooling output L35 L35/50 Hz: 2 kW<br>Cooling output L35 L35/60 Hz: 2 kW<br>Cooling output L35 L50/50 Hz: 1.29 kW<br>Cooling output L35 L50/60 Hz: 1.29 kW<br>Cooling output L35 L35/50 Hz: 6,824 BTU/h<br>Cooling output L35 L35/60 Hz: 6,824 BTU/h<br>Cooling output L35 L50/50 Hz: 4,402 BTU/h<br>Cooling output L35 L50/60 Hz: 4,402 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                                             | 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) / 380 V -10% (342 V) and 480 V +6% (509 V)                                                                                                                                                                                                                                                 |
| Rated output                                     | 0.73 kW                                                                                                                                                                                                                                                                                                                                        |
| Air throughput (unimpeded air flow)              | External circuit: 1,250 m³/h<br>Internal circuit: 1,250 m³/h<br>External circuit: 735.7 cfm<br>Internal circuit: 735.7 cfm                                                                                                                                                                                                                     |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35   | Refrigeration factor L35 L35 (EER) 50 Hz: 3.5<br>Refrigeration factor L35 L35 (EER) 60 Hz: 3.5                                                                                                                                                                                                                                                 |
| Seasonal energy efficiency ratio (SEER) 50/60 Hz | 8.1                                                                                                                                                                                                                                                                                                                                            |
| Version                                          | wall-mounted                                                                                                                                                                                                                                                                                                                                   |
| Dimensions                                       | Width: 450 mm<br>Height: 1,600 mm<br>Depth: 294 mm<br>Width: 17.7 "<br>Height: 63 "<br>Depth: 11.6 "                                                                                                                                                                                                                                           |

# Features

|                                                             |                                                                                                                                                              |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required mounting cut-out                                   | Width of opening: 433 mm<br>Cut-out height: 1,579 mm<br>Width of opening: 17 "<br>Cut-out height: 62.2 "                                                     |
| Protection category IP to EN 60529                          | Internal circuit IP 55                                                                                                                                       |
| Protection category NEMA                                    | UL Type 3R/12                                                                                                                                                |
| Refrigerant/cooling medium                                  | Refrigerant: R134a<br>Quantity: 1.15 kg<br>Global Warming Potential (GWP): 1,430<br>CO2 equivalent (CO2e): 1.64 t<br>Refrigerant: R134a<br>Quantity: 2.5 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: 0.57 kW<br>Rated power L35 L35/60 Hz: 0.57 kW<br>Rated power L35 L50/50 Hz: 0.6 kW<br>Rated power L35 L50/60 Hz: 0.6 kW           |
| Permissible operating pressure (p. max.)                    | 24 bar<br>348.1 PSI                                                                                                                                          |
| Packaging unit                                              | 1 pc(s).                                                                                                                                                     |
| Weight/packaging unit                                       | 55.2 kg<br>121.7 lb.                                                                                                                                         |
| Customs tariff number                                       | 84158200                                                                                                                                                     |

# Features

|                 |               |
|-----------------|---------------|
| EAN             | 4028177709584 |
| E-Number Sweden | E3404499      |
| ETIM 7.0        | EC000855      |
| ECLASS 8.0      | 27180704      |

# Approvals

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Approvals    | IEC CB<br>UL + C-UL (listed)<br>UL + C-UL - FTТА                                                          |
| Certificates | EAC                                                                                                       |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |