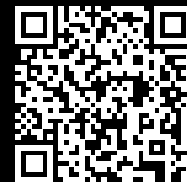


# Rittal – The System.

Faster – better – everywhere.



## SK 3478.801

## Blue e+ S wall-mounted cooling unit

State: 2026.3.18 (Source: [rittal.com/lt-en](https://www.rittal.com/lt-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3478.801 - Blue e+ S wall-mounted cooling unit 0.3 kW – 1 kW

Blue e+ S 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. Available in a brand new design with a host of smart functions.

## Features

|                                      |                                                                                                                                                                                                                                                                                                               |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                            | SK 3478.801                                                                                                                                                                                                                                                                                                   |
| Design                               | wall-mounted                                                                                                                                                                                                                                                                                                  |
| Benefits                             | Contributes to climate-neutral production with average energy savings of 75% and a reduced carbon footprint<br>Multi-voltage capabilities and country-specific approvals support global usability<br>Smart, simple monitoring via IoT interface<br>User-friendly operation with the Rittal Scan & Service app |
| Material                             | Sheet steel                                                                                                                                                                                                                                                                                                   |
| General colour                       | RAL 7035                                                                                                                                                                                                                                                                                                      |
| Colour                               | Enclosure: RAL 7035<br>Louvred grille: RAL 7012                                                                                                                                                                                                                                                               |
| Supply includes                      | Assembly parts<br>Fully wired ready for connection (plug-in terminal strip)                                                                                                                                                                                                                                   |
| 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: 0.3 kW<br>Cooling output L35 L35/60 Hz: 0.3 kW<br>Cooling output L35 L50/50 Hz: 0.14 kW<br>Cooling output L35 L50/60 Hz: 0.14 kW                                                                                                                                                |
| Rated operating voltage              | 110 V - 240 V, 1~, 50 Hz/60 Hz                                                                                                                                                                                                                                                                                |

# Features

|                                                             |                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note                                                        | <p>Please observe the mounting instructions.</p> <p>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.</p> <p>Only suitable for use in semi-outdoor areas (see instructions for description)</p> |
| Note on Model No.                                           | Tolerance: 110 V -10% (99 V) and 240 V +10% (264 V)                                                                                                                                                                                                                                                                         |
| Rated power input                                           | 0.22 kW                                                                                                                                                                                                                                                                                                                     |
| Air throughput (unimpeded air flow)                         | <p>External circuit: 366.6 m³/h</p> <p>Internal circuit: 366.6 m³/h</p>                                                                                                                                                                                                                                                     |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35              | <p>Refrigeration factor L35 L35 (EER) 50 Hz: 2.01</p> <p>Refrigeration factor L35 L35 (EER) 60 Hz: 2.01</p>                                                                                                                                                                                                                 |
| Design                                                      | wall-mounted                                                                                                                                                                                                                                                                                                                |
| Dimensions                                                  | <p>Width: 300 mm</p> <p>Height: 570 mm</p> <p>Depth: 159 mm</p>                                                                                                                                                                                                                                                             |
| Required mounting cut-out                                   | <p>Cut-out width: 280 mm</p> <p>Cut-out height: 550 mm</p>                                                                                                                                                                                                                                                                  |
| Protection category to IEC 60 529                           | Internal circuit IP 55                                                                                                                                                                                                                                                                                                      |
| Protection category NEMA                                    | <p>UL Type 1</p> <p>UL Type 12</p>                                                                                                                                                                                                                                                                                          |
| Refrigerant/cooling medium                                  | <p>Refrigerant: R-1234yf</p> <p>Quantity: 0.135 kg</p> <p>Refrigerant quantity in compression system: 0.08 kg</p> <p>Refrigerant quantity in heat pipe system: 0.055 kg</p> <p>Global Warming Potential (GWP): 0.5</p> <p>CO2 equivalent (CO2e): 0 t</p>                                                                    |
| 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                                                                                                                                                                                                                                                                                                                |

# Features

|                                          |                                                                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Heat pipe operating temperature range    | -20 °C...45 °C                                                                                                                                                               |
| Setting range                            | 20 °C...50 °C                                                                                                                                                                |
| Power consumption Pel                    | Power consumption L35 L35/50 Hz: 0.15 kW<br>Power consumption L35 L35/60 Hz: 0.15 kW<br>Power consumption L35 L50/50 Hz: 0.17 kW<br>Power consumption L35 L50/60 Hz: 0.17 kW |
| Permissible operating pressure (p. max.) | 32 bar                                                                                                                                                                       |
| Packs of                                 | 1 pc(s).                                                                                                                                                                     |
| Net weight                               | 12.2 kg                                                                                                                                                                      |
| Gross weight                             | 12.5 kg                                                                                                                                                                      |
| PCF per pack (cradle-to-gate)            | 64.75 kg CO2 eq (Cat B)                                                                                                                                                      |
| Note on PCF category                     | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared                                                               |
| Customs tariff number                    | 84158200                                                                                                                                                                     |
| ETIM 8                                   | EC000855                                                                                                                                                                     |
| ECLASS 8.0                               | 27180704                                                                                                                                                                     |
| Product description                      | SK Blue e+ S cooling unit, wall-mounted, 0.3 kW, 110-240 V, 1~, 50-60 Hz, sheet steel, WxHxD: 300 x 570 x 159 mm                                                             |

# Approvals

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