

# Rittal – The System.

Faster – better – everywhere.



## SK 3180.800

## Wall-mounted cooling unit Blue e+ S

State: 2025-09-03 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3180.800 - 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<sub>2</sub> footprint of machinery and equipment. In a new design and with many smart functions.

## Features

Model No.	SK 3180.800
Version	wall-mounted
Benefits	Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO <sub>2</sub> footprint Increased environmental friendliness through use of refrigerant R-513A Universal compatibility due to multi-voltage capability and country-specific approvals Intelligent and easy monitoring via IoT interface Convenient operation with the Rittal Scan & Service App
Material	Carbon steel
General color	RAL 7035
Color	Housing: RAL 7035 Louvered grille: RAL 7012
Supply includes	Assembly components Wired ready for connection (plug-in terminal strip) Integral electric condensate evaporation
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.
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 0.78 kW Cooling output L35 L35/60 Hz: 0.78 kW Cooling output L35 L50/50 Hz: 0.44 kW Cooling output L35 L50/60 Hz: 0.44 kW

# Features

Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz
Note	<p>Please observe the assembly instructions.</p> <p>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.</p> <p>Only for semi-outdoor use (see instructions for description)</p>
Note on Model No.:	Tolerance: 110 V -10% (99 V) and 240 V +10% (264 V)
Rated output	0.56 kW
Air throughput (unimpeded air flow)	<p>External circuit: 378 m³/h</p> <p>Internal circuit: 378 m³/h</p>
Energy efficiency ratio (EER) 50/60 Hz L35 L35	<p>Refrigeration factor L35 L35 (EER) 50 Hz: 1.9</p> <p>Refrigeration factor L35 L35 (EER) 60 Hz: 1.9</p>
Version	wall-mounted
Dimensions	<p>Width: 300 mm</p> <p>Height: 570 mm</p> <p>Depth: 250 mm</p>
Required mounting cut-out	<p>Width of opening: 280 mm</p> <p>Cut-out height: 550 mm</p>
Protection category IP to EN 60 529	Internal circuit IP 55
Protection category NEMA	<p>UL Type 12</p> <p>UL Type 3R</p>
Refrigerant/cooling medium	<p>Refrigerant: R-513A</p> <p>Quantity: 0.19 kg</p> <p>Global Warming Potential (GWP): 631</p> <p>CO2 equivalent (CO2e): 0.12 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

Operating temperature range of heat pipe	-20 °C...45 °C
Setting range	20 °C...50 °C
Rated power Pel	Rated power L35 L35/50 Hz: 0.41 kW Rated power L35 L35/60 Hz: 0.41 kW Rated power L35 L50/50 Hz: 0.49 kW Rated power L35 L50/60 Hz: 0.49 kW
Permissible operating pressure (p. max.)	35 bar
Packaging unit	1 pc(s).
Net weight	16.5
Gross weight	16.95
Customs tariff number	84158200
EAN	4028177966833
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704

## Approvals

Approvals	30 - KC Korea UL + C-UL (listed) UL + C-UL - FTTA
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK