

# Rittal – The System.

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## SK 3179.800

## Blue e+ S wall-mounted cooling unit

State: 22/03/2026 (Source: [rittal.com/ro-ro](http://rittal.com/ro-ro))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3179.800 - 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 3179.800
Design	wall-mounted
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
Material	Sheet steel
General colour	RAL 7035
Colour	Enclosure: RAL 7035 Louvred grille: RAL 7012
Supply includes	Assembly parts Fully wired ready for connection (plug-in terminal strip) Integral electric condensate evaporation
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.

# Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 0.52 kW Cooling output L35 L35/60 Hz: 0.52 kW Cooling output L35 L50/50 Hz: 0.32 kW Cooling output L35 L50/60 Hz: 0.32 kW
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz
Note	Please observe the mounting instructions. 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. Only suitable for use in semi-outdoor areas (see instructions for description)
Note on Model No.	Tolerance: 110 V -10% (99 V) and 240 V +10% (264 V)
Rated power input	0,36 kW
Air throughput (unimpeded air flow)	External circuit: 366.6 m <sup>3</sup> /h Internal circuit: 366.6 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.9 Refrigeration factor L35 L35 (EER) 60 Hz: 1.9
Design	wall-mounted
Dimensions	Width: 300 mm Height: 570 mm Depth: 199 mm
Required mounting cut-out	Cut-out width: 280 mm Cut-out height: 550 mm
Protection category to IEC 60 529	Internal circuit IP 55
Protection category NEMA	UL Type 1 UL Type 12
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.16 kg Global Warming Potential (GWP): 631 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.1 t
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...60 °C
Storage temperature range	-40 °C...70 °C

# Features

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: 0.27 kW Power consumption L35 L35/60 Hz: 0.27 kW Power consumption L35 L50/50 Hz: 0.32 kW Power consumption L35 L50/60 Hz: 0.32 kW
Permissible operating pressure (p. max.)	32 bar
Packs of	1 pc(s).
Net weight	12,841 kg
Gross weight	13,84 kg
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704
Product description	SK Blue e+ S cooling unit, wall-mounted, 0.5 kW, R-1234yf, 110-240 V, 1~, 50-60 Hz, sheet steel, WxHxD: 300 x 570 x 199 mm

# Approvals

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

# Tender text

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Wallmounted cooling unit Blue e+ S

Blue e+ S cooling units with proven Blue e+ technology offer the world's highest energy efficiency.

This is also associated with the reduction of the CO<sub>2</sub> footprint of machines and systems.

Benefits:

Contribution to climate-neutral production thanks to average energy savings of 75% and reduction of CO<sub>2</sub> footprint.

Increased environmental friendliness through use of refrigerant R-513A.

Worldwide usability due to multi-voltage capability and country-specific approvals.

Intelligent and easy monitoring via IoT interface.

Convenient operation with Rittal Product Scan & Service App.

Total cooling output L35 L35 50/60 Hz: 0,52 kW / 0,52 kW

Total cooling output L35 L50 50/60 Hz: 0,32 kW / 0,32 kW

Power consumption L35 L35 50/60 Hz: 0,27 kW / 0,27 kW

Power consumption L35 L50 50/60 Hz: 0,32 kW / 0,32 kW

Rated power input: 0,36 kW

Rated operating voltage: 110 V - 240 V, 1~, 50 Hz/60 Hz

Temperature control: e+ controller (factory setting +35 °C)

Dimensions [WxHxD]: 300 x 570 x 199 mm

Material: Sheet steel

Colour: Housing: RAL 7035 / Louvre grille: RAL 7012

Refrigeration factor L35 L35 (EER) 50 Hz: 1,9

Refrigerant / Quantity: R-513A / 0,13 g

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 3R/12

Weight: 13 kg

Note: With integrated condensate evaporation