

# Rittal – The System.

Faster – better – everywhere.



## SK 3178.801

# Wall-mounted cooling unit Blue e+ S

State: 8/16/2024 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3178.801 - 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 3178.801
Version	wall-mounted without integral condensate evaporation
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
Color	Housing: RAL 7035 Louvered grille: RAL 7012
Supply includes	Assembly components Wired ready for connection (plug-in terminal strip)
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.

# Features

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Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 0.3 kW Cooling output L35 L35/60 Hz: 0.3 kW Cooling output L35 L50/50 Hz: 0.22 kW Cooling output L35 L50/60 Hz: 0.22 kW Cooling output L35 L35/50 Hz: 1,024 BTU/h Cooling output L35 L35/60 Hz: 1,024 BTU/h Cooling output L35 L50/50 Hz: 751 BTU/h Cooling output L35 L50/60 Hz: 751 BTU/h
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz
Note	Please observe the assembly instructions. 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. 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)
Rated output	0.22 kW
Air throughput (unimpeded air flow)	External circuit: 366.6 m <sup>3</sup> /h Internal circuit: 366.6 m <sup>3</sup> /h External circuit: 215.8 cfm Internal circuit: 215.8 cfm
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.01 Refrigeration factor L35 L35 (EER) 60 Hz: 2.01
Version	wall-mounted
Dimensions	Width: 300 mm Height: 570 mm Depth: 159 mm Width: 11.8 " Height: 22.4 " Depth: 6.26 "
Required mounting cut-out	Width of opening: 280 mm Cut-out height: 550 mm Width of opening: 11 " Cut-out height: 21.7 "
Protection category IP to EN 60 529	Internal circuit IP 55

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# Features

Protection category NEMA	UL Type 12 UL Type 3R
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.13 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.08 t Refrigerant: R-513A Quantity: 0.3 lb.
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...60 °C -4 °F...140 °F
Storage temperature range	-40 °C...70 °C -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 68 °F...122 °F
Rated power Pel	Rated power L35 L35/50 Hz: 0.15 kW Rated power L35 L35/60 Hz: 0.15 kW Rated power L35 L50/50 Hz: 0.18 kW Rated power L35 L50/60 Hz: 0.18 kW
Permissible operating pressure (p. max.)	32 bar 464.1 PSI
Packaging unit	1 pc(s).
Weight/packaging unit	12 kg 26.5 lb.
Customs tariff number	84158200
EAN	4028177962576
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

# Approvals

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Approvals

UL + C-UL (listed)

UL + C-UL - FTTA

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Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation

Declaration of conformity UK