

# Rittal – The System.

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## SK 3184.840

# Blue e+ S wall-mounted cooling unit

State: 18/04/2024 (Source: [rittal.com/com-en](http://rittal.com/com-en))

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3184.840 - 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 3184.840
Design	Integral electric condensate evaporation
Benefits	Contributes to climate-neutral production with average energy savings of 75% and a reduced carbon footprint The use of R-513A refrigerant makes them more environmentally friendly 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
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: 1 kW Cooling output L35 L35/60 Hz: 1 kW Cooling output L35 L50/50 Hz: 0.6 kW Cooling output L35 L50/60 Hz: 0.6 kW
Rated operating voltage	380 V - 480 V, 2~, 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: 380 V -10% (342 V) and 480 V +10% (528 V)
Rated power input	0.59 kW
Air throughput (unimpeded air flow)	External circuit: 680 m <sup>3</sup> /h Internal circuit: 680 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.37 Refrigeration factor L35 L35 (EER) 60 Hz: 2.37
Design	wall-mounted
Dimensions	Width: 400 mm Height: 950 mm Depth: 196 mm
Required mounting cut-out	Cut-out width: 383 mm Cut-out height: 929 mm
Protection category to IEC 60 529	Internal circuit IP 55
Protection category NEMA	UL Type 3R/12
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.31 kg Global Warming Potential (GWP): 631 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.2 t
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...60 °C
Storage temperature range	-40 °C...70 °C

# Features

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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: 0.42 kW Power consumption L35 L35/60 Hz: 0.42 kW Power consumption L35 L50/50 Hz: 0.49 kW Power consumption L35 L50/60 Hz: 0.49 kW
Permissible operating pressure (p. max.)	34 bar
Packs of	1 pc(s).
Weight/pack	26.6 kg
Customs tariff number	84158200
EAN	4028177949942
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

# Approvals

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