

Rittal – The System.

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SK 3478.800

Wall-mounted cooling unit Blue e+ S

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3478.800 - 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 CO₂ footprint of machinery and equipment. In a new design and with many smart functions.

Features

Model No.	SK 3478.800
Version	wall-mounted
Benefits	Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO ₂ footprint 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: 0.3 kW Cooling output L35 L35/60 Hz: 0.3 kW Cooling output L35 L50/50 Hz: 0.14 kW Cooling output L35 L50/60 Hz: 0.14 kW
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz

Features

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 ³ /h Internal circuit: 366.6 m ³ /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.8 Refrigeration factor L35 L35 (EER) 60 Hz: 1.8
Version	wall-mounted
Dimensions	Width: 300 mm Height: 570 mm Depth: 159 mm
Required mounting cut-out	Width of opening: 280 mm Cut-out height: 550 mm
Protection category IP to EN 60 529	Internal circuit IP 55
Protection category NEMA	UL Type 1 UL Type 12
Refrigerant/cooling medium	Refrigerant: R-1234yf Quantity: 0.135 kg Refrigerant quantity in compression system: 0.08 kg Refrigerant quantity in heat pipe system: 0.055 kg Global Warming Potential (GWP): 0.5 CO ₂ equivalent (CO ₂ e): 0 t
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: 0.17 kW Rated power L35 L35/60 Hz: 0.17 kW Rated power L35 L50/50 Hz: 0.19 kW Rated power L35 L50/60 Hz: 0.19 kW
Permissible operating pressure (p. max.)	32 bar
Packaging unit	1 pc(s).
Net weight	12.2 kg
Gross weight	13 kg
PCF/VE (cradle-to-gate)	65.82 kg CO2 eq (Cat B)
Information regarding the PCF class	Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight 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, carbon steel, HxWxD: 570 x 300 x 159 mm

Approvals

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