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SK 3180.800

Wall-mounted cooling unit Blue e+ S

State: 10/30/2026 (Source: www.rittal.com/us-en)

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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_2 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 CO2 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	Condenser with hydrophobic RiNano coating 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.

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Features

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 Cooling output L35 L35/50 Hz: 2,661 BTU/h Cooling output L35 L35/60 Hz: 2,661 BTU/h Cooling output L35 L50/50 Hz: 1,501 BTU/h Cooling output L35 L50/60 Hz: 1,501 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	0.56 kW
Air throughput (unimpeded air flow)	External circuit: 378 m³/h Internal circuit: 378 m³/h External circuit: 222.5 cfm Internal circuit: 222.5 cfm
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
Dimensions	Width: 300 mm Height: 570 mm Depth: 250 mm Width: 11.8 ″ Height: 22.4 ″ Depth: 9.84 ″
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
Protection category NEMA	UL Type 1 UL Type 12

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Features

Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.19 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.12 t Refrigerant: R-513A Quantity: 0.4 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: 0.41 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 507.6 PSI
Packaging unit	1 pc(s).
Net weight	15.3 kg
Gross weight	16.95 kg
PCF/VE (cradle-to-gate)	265.52
CRA risk class	Default (Low Risk)
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704

Features

Product description	SK cooling unit Blue e+ S, wall mounted, 0.78 kW, 110-240 V, 1~, 50-60 Hz, carbon steel, HWD: 570 x 300 x 250 mm

Approvals

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