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SK 3180.800

Wall-mounted cooling unit Blue e+ S

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

Features

Model No.	SK 3180.800
Version	wall-mounted
Benefits	<p>Helps make production climate-neutral thanks to average energy savings of 75% and reduction of CO₂ footprint</p> <p>Universal compatibility due to multi-voltage capability and country-specific approvals</p> <p>Intelligent and easy monitoring via IoT interface</p> <p>Convenient operation with the Rittal Scan & Service App</p>
Material	Carbon steel
General color	RAL 7035
Color	Housing: RAL 7035 Louvered grille: RAL 7012
Supply includes	<p>Assembly components</p> <p>Wired ready for connection (plug-in terminal strip)</p> <p>Integral electric condensate evaporation</p>
Options	<p>For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300.</p> <p>Increase machine availability and process safety by remote monitoring of device data, condition, and system messages.</p>
Total cooling output to DIN EN 14511	<p>Cooling output L35 L35/50 Hz: 0.78 kW</p> <p>Cooling output L35 L35/60 Hz: 0.78 kW</p> <p>Cooling output L35 L50/50 Hz: 0.44 kW</p> <p>Cooling output L35 L50/60 Hz: 0.44 kW</p>
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	0.56 kW
Air throughput (unimpeded air flow)	External circuit: 378 m ³ /h Internal circuit: 378 m ³ /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
Version	wall-mounted
Dimensions	Width: 300 mm Height: 570 mm Depth: 250 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 12 UL Type 3R
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.19 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 0.12 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
Operating temperature range of heat pipe	-20 °C...45 °C

Features

Setting range	20 °C...50 °C
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
Packaging unit	1 pc(s).
Net weight	16.5
Gross weight	16.95
Customs tariff number	84158200
EAN	4028177966833
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704

Approvals

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