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SK 3180.800

Blue e+ S wall-mounted cooling unit

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SK 3180.800 - 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 3180.800
Design	wall-mounted
Benefits	Contributes to climate-neutral production with average energy savings of 75% and a reduced carbon footprint 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
General colour	RAL 7035
Colour	Enclosure: RAL 7035 Louvred grille: RAL 7012
Supply includes	Condenser with hydrophobic RiNano coating 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.
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
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz

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Features

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: 110 V -10% (99 V) and 240 V +10% (264 V)
Rated power input	0.56 kW
Air throughput (unimpeded air flow)	External circuit: 378 m³/h Internal circuit: 378 m³/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
Dimensions	Width: 300 mm Height: 570 mm Depth: 250 mm
Required mounting cut-out	Cut-out width: 280 mm Cut-out height: 550 mm
Protection category to IEC 60 529	Internal circuit IP 55
Protection category NEMA	UL Type 1 UL Type 12
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.19 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 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
Heat pipe operating temperature range	-20 °C...45 °C
Setting range	20 °C...50 °C

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Features

Power consumption Pel	Power consumption L35 L35/50 Hz: 0.41 kW Power consumption L35 L35/60 Hz: 0.41 kW Power consumption L35 L50/50 Hz: 0.49 kW Power consumption L35 L50/60 Hz: 0.49 kW
Permissible operating pressure (p. max.)	35 bar
Packs of	1 pc(s).
Net weight	15.3 kg
Gross weight	16.95 kg
PCF per pack (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
Product description	SK wall-mounted cooling unit Blue e+ S, 0.78 kW, 110-240 V, 1~, 50-60 Hz, sheet steel, WHD: 300 x 570 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

Tender text

Blue e+ S wall-mounted 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.
Benefits :
Contributes to climate-neutral production with average energy
savings of 75% and a reduced carbon footprint.
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
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
110 V - 240 V, 1~, 50 Hz/60 Hz
Temperature control: e+ controller (factory setting +35 °C)
Dimensions [WxHxD]: 300 x 570 x 250 mm
mounting cut-out dimensions (W x D) 280 x 550 mm
Sheet steel
RAL 7035
Refrigeration factor L35 L35 (EER) 50/ 60 Hz: 1.09
Refrigerant / Quantity:Refrigerant: R-513A, Quantity: 0.19 kg
Operating temperature range: -20 °C to 60 °C
Setting range: 20 °C to 50 °C
Storage temperature range: -40 °C to 70 °C
Protection category IP to IEC 60 529:
Internal circuit IP 55
Protection category NEMA :
UL Type 1, UL Type 12
Weight: 13 kg
Supply includes : Integral electric condensate evaporation

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