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SK 3188.640

Wall-mounted cooling unit Blue e+

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3188.640 - Wall-mounted cooling unit Blue e+ 5459.43 - 19790.42 BTU/h

Energy-efficient Blue e+ wall-mounted cooling units in the 5459.43 - 19790.42 BTU/h power classes. By using speed-controlled components and heat pipe technology, they achieve an average energy saving of 75%. Available in carbon steel and stainless steel.



Features

Model No.	SK 3188.640
Benefits	<ul style="list-style-type: none">An average of 75% energy savings due to speed-regulated components and heat pipe technologySuitable for international use due to a unique multi-voltage capabilityLonger service life of the components inside the enclosure and the cooling unit due to component-friendly coolingIntuitive operation due to touch display and intelligent interfaces
Material	Stainless steel 1.4301 (AISI 304)
Color	RAL 9007
Supply includes	<ul style="list-style-type: none">Condenser with hydrophobic RiNano coatingIntegral electric condensate evaporationAssembly componentsWired ready for connection (plug-in terminal strip)
Options	<ul style="list-style-type: none">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.

Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 4.2 kW Cooling output L35 L35/60 Hz: 4.2 kW Cooling output L35 L50/50 Hz: 3.02 kW Cooling output L35 L50/60 Hz: 3.02 kW Cooling output L35 L35/50 Hz: 14,331 BTU/h Cooling output L35 L35/60 Hz: 14,331 BTU/h Cooling output L35 L50/50 Hz: 10,305 BTU/h Cooling output L35 L50/60 Hz: 10,305 BTU/h
Rated operating voltage	380 V - 480 V, 3~, 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: 380 V -10% (342 V) and 480 V +5% (509 V) Full internal mounting not possible
Rated output	1.3 kW
Air throughput (unimpeded air flow)	External circuit: 2,300 m ³ /h Internal circuit: 2,300 m ³ /h External circuit: 1,353.7 cfm Internal circuit: 1,353.7 cfm
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 3.46 Refrigeration factor L35 L35 (EER) 60 Hz: 3.46
Seasonal energy efficiency ratio (SEER) 50/60 Hz	8.1
Version	wall-mounted
Dimensions	Width: 450 mm Height: 1,600 mm Depth: 393 mm Width: 17.7 " Height: 63 " Depth: 15.5 "
Required mounting cut-out	Width of opening: 433 mm Cut-out height: 1,579 mm Width of opening: 17 " Cut-out height: 62.2 "

Features

Protection category IP to EN 60529	Internal circuit IP 55
Protection category NEMA	UL Type 3R/12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 1.75 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 2.5 t Refrigerant: R134a Quantity: 3.9 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: 1.21 kW Rated power L35 L35/60 Hz: 1.21 kW Rated power L35 L50/50 Hz: 1.28 kW Rated power L35 L50/60 Hz: 1.28 kW
Permissible operating pressure (p. max.)	24 bar 348.1 PSI
Packaging unit	1 pc(s).
Weight/packaging unit	71.2 kg 157 lb.
Customs tariff number	84158200
EAN	4028177934665
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

Approvals	IEC CB UL + C-UL (listed)
Certificates	EAC
Explanations	Declaration of conformity Declaration of conformity UK
