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SK 3185.830

Wall-mounted cooling unit Blue e+

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ENCLOSURES

POWER DISTRIBUTION

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3185.830 - 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 3185.830
Benefits	<p>An average of 75% energy savings due to speed-regulated components and heat pipe technology</p> <p>Suitable for international use due to a unique multi-voltage capability</p> <p>Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling</p> <p>Intuitive operation due to touch display and intelligent interfaces</p>
Material	Carbon steel
Color	RAL 7035
Supply includes	<p>Condenser with hydrophobic RiNano coating</p> <p>Integral electric condensate evaporation</p> <p>Assembly components</p> <p>Wired ready for connection (plug-in terminal strip)</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>

Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1.6 kW Cooling output L35 L35/60 Hz: 1.6 kW Cooling output L35 L50/50 Hz: 1.2 kW Cooling output L35 L50/60 Hz: 1.2 kW Cooling output L35 L35/50 Hz: 5,459 BTU/h Cooling output L35 L35/60 Hz: 5,459 BTU/h Cooling output L35 L50/50 Hz: 4,095 BTU/h Cooling output L35 L50/60 Hz: 4,095 BTU/h
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz 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: 110 V -10% (99 V) and 240 V +10% (264 V) / 380 V -10% (342 V) and 480 V +6% (509 V)
Rated output	0.62 kW
Air throughput (unimpeded air flow)	External circuit: 895 m ³ /h Internal circuit: 700 m ³ /h External circuit: 526.8 cfm Internal circuit: 412 cfm
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 3.1 Refrigeration factor L35 L35 (EER) 60 Hz: 3.1
Seasonal energy efficiency ratio (SEER) 50/60 Hz	6.4
Version	wall-mounted
Dimensions	Width: 400 mm Height: 950 mm Depth: 310 mm Width: 15.7 " Height: 37.4 " Depth: 12.2 "

Features

Required mounting cut-out	Width of opening: 383 mm Cut-out height: 929 mm Width of opening: 15.1 ″ Cut-out height: 36.6 ″
Protection category IP to EN 60 529	Internal circuit IP 55
Protection category NEMA	UL Type 3R/12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.75 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 1.07 t Refrigerant: R134a Quantity: 1.7 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: 0.54 kW Rated power L35 L35/60 Hz: 0.54 kW Rated power L35 L50/50 Hz: 0.61 kW Rated power L35 L50/60 Hz: 0.61 kW
Permissible operating pressure (p. max.)	24 bar 348.1 PSI
Packaging unit	1 pc(s).
Weight/packaging unit	37.1 kg 81.8 lb.
Customs tariff number	84158200

Features

EAN	4028177708082
E-Number Sweden	E3404498
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

Approvals	UL + C-UL (listed) UL + C-UL - FTTA
Certificates	EAC
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK
