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► **Blue e+ roof-mounted
cooling unit Total
cooling output 1.30
kW – SK 3185.730**

Date : Aug 18, 2021

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



Blue e+ roof-mounted cooling unit Total cooling output 1.30 kW – SK 3185.730

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Product description

Benefits:	Average 75% energy savings thanks to speed-regulated components and heat pipe technology Suitable for international use due to a unique multi-voltage capability Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling Intuitive operation due to touch display and intelligent interfaces
Material:	Sheet steel
Colour:	RAL 7035
Protection category IP to IEC 60 529:	External circuit IP 54 with pleated filter Internal circuit IP 54 with pleated filter
Supply includes:	Blue e+ roof-mounted cooling unit Pleated filter Fully wired ready for connection Assembly parts Condensate hose (3 m)
Note:	Only suitable for mounting on enclosures with minimum dimensions (W x D) 800 x 600 mm Operation without a pleated filter is inadmissible Firmware can be updated using the RiDiag III software (3159.300)
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.

Product description

Variant:	roof-mounted
Total cooling output to DIN EN 14511:	L 35 L 35 at 50 Hz: 1.3 kW L 35 L 35 at 60 Hz: 1.3 kW L 35 L 50 at 50 Hz: 0.76 kW L 35 L 50 at 60 Hz: 0.76 kW
Rated power input:	0.75 kW
Air throughput (unimpeded air flow):	External circuit: 750 m³/h Internal circuit: 700 m³/h
Rated operating voltage:	110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz
Dimensions:	Width: 700 mm Height: 308 mm Depth: 560 mm
Temperature control:	e+ controller (factory setting +35 °C)
Temperature range:	Bearing: -40 °C...+70 °C Operation (environment): -20 °C...+55 °C Heat pipe active mode: -20 °C...+45 °C Compressor system active mode: +3 °C...+60 °C Setting range: +20 °C...+50 °C
Refrigerant/cooling medium:	Refrigerant: R134a Quantity: 0.59 kg Global Warming Potential (GWP): 1430 CO ₂ equivalent (CO ₂ e): 0.85 t
Type of electrical connection:	Plug-in terminal strip
Power consumption P_{el}:	L 35 L 35 at 50 Hz: 0.67 kW L 35 L 35 at 60 Hz: 0.67 kW L 35 L 50 at 50 Hz: 0.68 kW L 35 L 50 at 60 Hz: 0.68 kW
Permissible operating pressure (p. max.):	24 bar
Seasonal energy efficiency ratio (SEER) 50/60 Hz:	5.3
eCl@ss 8.0/8.1:	27180704
Energy efficiency ratio (EER) 50/60 Hz L35 L35:	2,04 / 2,04
Packs of:	1 pc(s).

Weight/pack:	38 kg
EAN:	4028177927155
Customs tariff number:	84158200
ETIM 7.0:	EC000855
ETIM 6.0:	EC000855
eCl@ss 8.0/8.1:	27180704
eCl@ss 6.0/6.1:	27180704
Product description:	SK roof-mounted cooling unit Blue e+,, Sheet steel,, cooling module, 1.3 kW,, 110-240 V, 1~, 50/60 Hz, 380-480 V, 3~, 50/60 Hz, WHD: 700 x 308 x 560 mm
Approvals	
Approvals:	Approval overview CCC exception letter TÜV-tested safety UR + C-UR
Certificates:	EAC
Declarations:	Declaration of conformity Declaration of conformity - F-gas regulation