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SK 3185.730

Blue e+ roof-mounted cooling unit

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FRIEDHELM LOH GROUP

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

Revolutionary energy efficiency with innovative hybrid technology. Average 75% energy savings thanks to speed-regulated components and heat pipe technology. Unique multi-voltage capability for worldwide use. Intuitive operation via touch display.





Features

Model No.	SK 3185.730
Design	roof-mounted
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
Supply includes	Blue e+ roof-mounted cooling unit Pleated filter Fully wired ready for connection Assembly parts Condensate hose (3 m)

Features

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: 1.3 kW Cooling output L35 L35/60 Hz: 1.3 kW Cooling output L35 L50/50 Hz: 0.6 kW Cooling output L35 L50/60 Hz: 0.6 kW
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz
Note	Only suitable for mounting on enclosures with minimum dimensions (W x D) 800 x 600 mm Operation without a pleated filter is inadmissible 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.
Rated power input	0.75 kW
Air throughput (unimpeded air flow)	External circuit: 750 m³/h Internal circuit: 700 m³/h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.04 Refrigeration factor L35 L35 (EER) 60 Hz: 2.04
Seasonal energy efficiency ratio (SEER) 50/60 Hz	5.3
Design	roof-mounted
Dimensions	Width: 700 mm Height: 308 mm Depth: 560 mm
Protection category to IEC 60 529	External circuit IP 54 with pleated filter Internal circuit IP 54 with pleated filter
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.6 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.38 t
Type of electrical connection	Plug-in terminal strip

Features

Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...55 °C
Storage temperature range	-40 °C...70 °C
Operating temperature range of refrigerant circuit (active)	3 °C...55 °C
Heat pipe operating temperature range	-20 °C...45 °C
Setting range	20 °C...50 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.67 kW Power consumption L35 L35/60 Hz: 0.67 kW Power consumption L35 L50/50 Hz: 0.57 kW Power consumption L35 L50/60 Hz: 0.57 kW
Permissible operating pressure (p. max.)	24 bar
Packs of	1 pc(s).
Net weight	38 kg
Gross weight	56.25 kg
PCF per pack (cradle-to-gate)	625.52
CRA risk class	Default (Low Risk)
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	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, WxHxD: 700 x 308 x 560 mm

Approvals

Approvals

Approvals	TÜV-tested safety UR + C-UR (recognized)
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation PCF-declaration

Tender text

Blue e+ roof-mounted cooling
Revolutionary energy efficiency with innovative hybrid technology.
Average 75% energy savings thanks to speed-regulated components
and heat pipe technology.
Benefits :
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
Cooling output L35 L35/50 Hz: 1.3 kW
Cooling output L35 L35/60 Hz: 1.3 kW
Cooling output L35 L50/50 Hz: 0.6 kW
Cooling output L35 L50/60 Hz: 0.6 Kw
110 V - 240 V, 1~, 50 Hz/60 Hz
380 V - 480 V, 3~, 50 Hz/60 Hz
Temperature control: e+ controller (factory setting +35 °C)
Dimensions [WxHxD]: 700 x 308 x 560 mm
Material : Sheet steel
Colour : RAL 7035
Refrigeration factor L35 L35 (EER) 50/ 60 Hz: 2.04
Refrigerant / Quantity:Refrigerant: R-513A, Quantity: 0.6 kg
Operating temperature range: -20 °C...55 °C
Setting range: 20 °C to 50 °C
Storage temperature range: -40 °C to 70 °C
Protection category IP to IEC 60 529 :
External circuit IP 54 with pleated filter
Internal circuit IP 54 with pleated filter
Weight:38 kg