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## SK 3185.730

## Blue e+ roof-mounted cooling unit

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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
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)
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: 0.76 kW Cooling output L35 L50/60 Hz: 0.76 kW
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz

# Features

Note	<p>Only suitable for mounting on enclosures with minimum dimensions (W x D) 800 x 600 mm</p> <p>Operation without a pleated filter is inadmissible</p> <p>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.</p>
Rated power input	0.75 kW
Air throughput (unimpeded air flow)	<p>External circuit: 750 m³/h</p> <p>Internal circuit: 700 m³/h</p>
Energy efficiency ratio (EER) 50/60 Hz L35 L35	<p>Refrigeration factor L35 L35 (EER) 50 Hz: 2.04</p> <p>Refrigeration factor L35 L35 (EER) 60 Hz: 2.04</p>
Seasonal energy efficiency ratio (SEER) 50/60 Hz	5.3
Design	roof-mounted
Dimensions	<p>Width: 700 mm</p> <p>Height: 308 mm</p> <p>Depth: 560 mm</p>
Protection category to IEC 60 529	<p>External circuit IP 54 with pleated filter</p> <p>Internal circuit IP 54 with pleated filter</p>
Refrigerant/cooling medium	<p>Refrigerant: R134a</p> <p>Quantity: 0.59 kg</p> <p>Global Warming Potential (GWP): 1,430</p> <p>CO2 equivalent (CO2e): 0.85 t</p>
Type of electrical connection	Plug-in terminal strip
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

# Features

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: 0.68 kW Power consumption L35 L50/60 Hz: 0.68 kW
Permissible operating pressure (p. max.)	24 bar
Packs of	1 pc(s).
Weight/pack	38 kg
Customs tariff number	84158200
EAN	4028177927155
ETIM 7.0	EC000855
ECLASS 8.0	27180704

# Approvals

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

# Tender text

3185.730

SK Blue e+ roof-mounted cooling unit

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.

Total cooling output L35 L35 50/60 Hz: 1,3 / 1,3 kW

Total cooling output L35 L50 50/60 Hz: 0,76 / 0,76 kW

Power consumption L35 L35 50/60 Hz: 0,67 / 0,67 kW

Power consumption L35 L50 50/60 Hz: 0,61 / 0,61 kW

Rated operating voltage: 110-240 V, 1~, 50/60 Hz; 380-480 V, 3~, 50/60 Hz

Temperature control: e+ controller (factory setting +35 °C)

Dimensions: [WxHxD]:700x308x560 mm

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 2,04

Refrigeration factor (SEER) 50/60 Hz: 5,3

Refrigeration / Quantity: R134a / 590 g

Operating temperature: -20 °C to 55 °C

Setting range: 20 °C to 50 °C

Storage temperature: -40 °C to 70 °C

Protection category IP to IEC 60 529: Internal circuit IP 54 with pleated filter, External circuit IP 54 with pleated filter

Weight: 38 kg