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SK 3185.730

Blue e+ roof-mounted cooling unit

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ENCLOSURES

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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 |
| 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

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| 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

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|---|--|
| 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 | 49 |
| Gross weight | 56.25 |
| Customs tariff number | 84158200 |
| EAN | 4028177927155 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |

Approvals

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|--------------|---|
| Approvals | TÜV-tested safety UR + C-UR (recognized) |
| Certificates | EAC |

Approvals

Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation