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SK 3485.730

Roof-mounted Blue e+ cooling unit

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FRIEDHELM LOH GROUP



SK 3485.730 - Roof-mounted Blue e+ cooling unit Total cooling output 4435.78 BTU/h

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



Features

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|-----------------|--|
| Model No. | SK 3485.730 |
| Version | roof-mounted |
| Benefits | An average of 75% energy savings due 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 | Carbon steel |
| Color | RAL 7035 |
| Supply includes | Roof-mounted Blue e+ cooling unit Pleated filter Wired ready for connection Assembly components Condensate hose (3 m) |

Features

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| Options | For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300. Increase machine availability and process safety by remote monitoring of device data, condition, 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 Cooling output L35 L35/50 Hz: 4,436 BTU/h Cooling output L35 L35/60 Hz: 4,436 BTU/h Cooling output L35 L50/50 Hz: 2,047 BTU/h Cooling output L35 L50/60 Hz: 2,047 BTU/h |
| Rated operating voltage | 110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz |
| Note | Can be mounted on enclosures with 800 x 600 mm (W x D) minimum dimensions Operation without a pleated filter is not permitted. 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. |
| Rated output | 0.75 kW |
| Air throughput (unimpeded air flow) | External circuit: 750 m ³ /h Internal circuit: 700 m ³ /h External circuit: 441.4 cfm Internal circuit: 412 cfm |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.94 Refrigeration factor L35 L35 (EER) 60 Hz: 1.94 |
| Seasonal energy efficiency ratio (SEER) 50/60 Hz | 4.6 |
| Version | roof-mounted |
| Dimensions | Width: 700 mm Height: 308 mm Depth: 560 mm Width: 27.6 " Height: 12.1 " Depth: 22 " |

Features

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| Protection category IP to EN 60529 | External circuit IP 54 with pleated filter Internal circuit IP 54 with pleated filter |
| Refrigerant/cooling medium | Refrigerant: R-1234yf Quantity: 0.56 kg Refrigerant quantity in compression system: 0.37 kg Refrigerant quantity in heat pipe system: 0.19 kg Global Warming Potential (GWP): 0.5 CO2 equivalent (CO2e): 0 t Refrigerant: R-1234yf Quantity: 1.2 lb. |
| Type of connection (electrical) | Plug-in terminal strip |
| Temperature control | e+ controller (factory setting +35 °C) |
| Operating temperature range | -20 °C...55 °C -4 °F...131 °F |
| Storage temperature range | -40 °C...70 °C -40 °F...158 °F |
| Operating temperature range of refrigerant circuit (active) | 3 °C...55 °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: 0.67 kW Rated power L35 L35/60 Hz: 0.67 kW Rated power L35 L50/50 Hz: 0.57 kW Rated power L35 L50/60 Hz: 0.57 kW |
| Permissible operating pressure (p. max.) | 24 bar 348.1 PSI |
| Packaging unit | 1 pc(s). |
| Net weight | 49 kg |
| Gross weight | 56.25 kg |
| PCF/VE (cradle-to-gate) | 151.49 kg CO2 eq (Cat B) |

Features

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| Information regarding the PCF class | Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared |
| Customs tariff number | 84158200 |
| ECLASS 8.0 | 27180704 |
| Product description | SK roof-mounted cooling device Blue e+, carbon 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

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