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SK 3336.470 Chillers Blue e

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3336.470 - Chillers Blue e 8 - 48 kW

The Blue e chiller in the floor standing enclosure provides centralised, efficient cooling of the cooling water. The microchannel technology reduces the volume of refrigerant required. Intuitive operation via touch display and intelligent communications interfaces ensure user-friendly operation and analysis. Integral safety functions, included as standard, ensure maximum safety. Delivery times are also shortened, thanks to pre-defined option packages.

Features

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|---|--|
| Model No. | SK 3336.470 |
| Design | Robust industrial standard Floating contact for collective fault signal |
| Benefits | Reduced volume of refrigerant, thanks to microchannel technology Touch display for simplified user guidance Remote monitoring pre-integrated into the base unit Integral safety functions Pre-configured options |
| Colour | Enclosure: RAL 7035 Base/plinth: RAL 7016 |
| Supply includes | Chiller wired ready for connection Multilingual documentation including functional diagram and wiring plans |
| Protection category to IEC 60 529 | IP 44 (electrics) |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 36.5 kW Cooling output Tw18 Tu35/60 Hz: 46.6 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 12,000 m ³ /h At 60 Hz: 14,500 m ³ /h |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |
| Dimensions | Width: 900 mm Height: 1,733 mm Depth: 1,800 mm |
| Noise level | 78 dB(A) |

Features

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|---|---|
| Operating temperature range | 10 °C...43 °C |
| Operating temperature range of cooling medium | 10 °C: 25 °C |
| Temperature hysteresis | ± 2 K |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 3.9 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 2.46 t |
| Pump pressure | At 50 Hz: 2.25 bar At 60 Hz: 3.35 bar |
| Volumetric flow (cooling medium) | At 50 Hz: 105 l/min At 60 Hz: 135 l/min |
| Power consumption Pel | At 50 Hz: 20.55 kW At 60 Hz: 24.74 kW |
| Rated current max. | At 50 Hz: 38.5 A At 60 Hz: 38.7 A |
| Water connections | R 1¼" internal thread |
| Number of cooling circuits | 2 |
| Tank | Material: Stainless steel AISI304 - 1.4301 (V2A) Volume: 185 l |
| Operating weight | 660 kg |
| Packs of | 1 pc(s). |
| Net weight | 520 kg |
| Gross weight | 560 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Blue e chiller 36.5/46.6 kW, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, WHD: 900 x 1,733 x 1,800 mm |

Approvals

Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation