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SK 3336.480 Blue e chiller

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3336.480 - Blue e chiller 27,297.14 - 163,782.82 BTU/h

The Blue e chiller fitted in the enclosure provides central and economical water cooling. The microchannel technology enables a reduction in the coolant quantity. Intuitive operation via a touch display and intelligent communication interfaces ensure convenient operation and analysis. The safety functions integrated in the standard version mean maximum safety. The delivery time is also reduced thanks to the predefined options package.

Features

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|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No. | SK 3336.480 |
| Version | Robust industrial standard Floating contact for collective fault signal |
| Benefits | Coolant quantity reduced through the use of microchannel technology Touch-display for easy user handling Remote monitoring already integrated in the basic unit Integrated safety functions Pre-configured options |
| Color | Housing: RAL 7035 Base/Plinth: RAL 7016 |
| Supply includes | Chiller wired ready for connection Multilingual documentation including functional diagram and wiring plans |
| Protection category IP to EN 60 529 | IP 44 (electrics) |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 44.7 kW Cooling output Tw18 Tu35/60 Hz: 50.5 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 12,000 m ³ /h At 60 Hz: 14,500 m ³ /h At 50 Hz: 7,062.9 cfm At 60 Hz: 8,534.4 cfm |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |

Features

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| Dimensions | Width: 900 mm Height: 1,733 mm Depth: 1,800 mm Width: 35.4 " Height: 68.2 " Depth: 70.9 " |
| Noise pressure level | 78 dB(A) |
| Operating temperature range | 10 °C...43 °C 50 °F...109 °F |
| Operating temperature range of cooling medium | 10 °C: 25 °C 50 °F: 77 °F |
| Temperature hysteresis | ± 2 K |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 5.2 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 3.3 t Refrigerant: R-513A Quantity: 11.5 lb. |
| Pump pressure | At 50 Hz: 2.2 bar At 60 Hz: 3.3 bar |
| Volumetric flow (cooling medium) | At 50 Hz: 130 l/min At 60 Hz: 145 l/min |
| Rated power Pel | At 50 Hz: 22.36 kW At 60 Hz: 27.06 kW |
| Rated current max. | At 50 Hz: 46 A At 60 Hz: 44.9 A |
| Water connections | R 1½" internal thread |
| Number of cooling circuits | 2 |
| Tank | Material: Stainless steel AISI304 - 1.4301 (V2A) Volume: 185 l |
| Operating weight | 720 kg 1,587.3 lb. |
| Packaging unit | 1 pc(s). |

Features

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| Net weight | 574 kg |
| Gross weight | 576.5 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Blue e Chiller 44.7/50.5 kW, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, WHD: 900 x 1733 x 1800 mm |

Approvals

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| Explanations | Declaration of conformity Declaration of conformity - F-gas regulation |
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