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SK 3334.450

Blue e+ chiller

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SK 3334.450 - Blue e+ chiller 5118.2 - 23,898 BTU/h

Blue e+ chillers are efficient, flexible and compact. The cooling water is centrally cooled, supplying the air/water heat exchanger and other systems an efficient cooling solution. Up to 70% energy saved due to speed-regulated components and inverter technology. International approvals and multi-voltage capability for worldwide use. Intuitive operation using touch display and intelligent communication interfaces ensure convenient operation and analysis.

Features

Model No.	SK 3334.450
Benefits	Blue e+ chillers ensure central and efficient cooling of liquid media with a high level of temperature precision and innovative DC inverter technology Suitable for international use due to its unique multi-voltage capability (without rewiring) and high operating limits Maximum safety due to integrated overflow valve and monitoring sensors Intuitive operation due to touch display and intelligent interfaces Compact and modular layout ensures minimum footprint Pumps with highly-efficient IE3 motors
Color	Textured RAL 7035
Supply includes	Complete unit ready for connection (plug-in terminal strip) Multilingual documentation
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.
Protection category IP to EN 60 529	IP 24 IP 54 (electrics)
Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 7 kW Cooling output Tw18 Tu35/60 Hz: 6.9 kW
Rated operating voltage	380 V - 415 V, 3~, 50 Hz 440 V - 480 V, 3~, 60 Hz

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Features

Dimensions	Width: 450 mm Height: 1,020 mm Depth: 710 mm Width: 17.7 ″ Height: 40.2 ″ Depth: 28 ″
Note	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.
Temperature control	e+ controller (factory setting +20 °C)
Operating temperature range	-5 °C...50 °C 23 °F...122 °F
Storage temperature range	-40 °C...70 °C -40 °F...158 °F
Operating temperature range of cooling medium	5 °C...35 °C 41 °F...95 °F
Temperature hysteresis	± 0.5 K
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 1.5 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.95 t Refrigerant: R-513A Quantity: 3.3 lb.
Volumetric flow (cooling medium)	At 50 Hz: 20 l/min
Rated power Pel	At 50 Hz: 2.84 kW At 60 Hz: 3.07 kW
Rated current max.	At 50 Hz: 4.28 A At 60 Hz: 4.1 A
Pre-fuse	Miniature circuit-breaker/fuse: 15 A
Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511	2.77
Water circuit	Open
Water connections	¾" internal thread

Features

Number of cooling circuits	1
Tank	Material: Plastic PE Volume: 12 l
Operating weight	120 kg 264.6 lb.
Packaging unit	1 pc(s).
Net weight	107 kg
Gross weight	117 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84186900
ETIM 9	EC002516
ECLASS 8.0	27180713
Product description	Blue e+ chiller 7.0 kW, 380-415 V / 440-480 V, 3~, 50/60 Hz, WxHxD 450x1020x710

Approvals

Approvals	IEC CB UL + C-UL (listed)
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation