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SK 3320.200
Chillers Blue e+

State: 17/08/2025 (Source: rittal.com/nz-en)

SK 3320.200 - Chillers Blue e+ 1,5 - 7 kW

Blue e+ chillers are efficient, flexible and compact. They offer central, cost-effective chilling of the cooling water and are used to supply air/water heat exchangers etc. Up to 70% energy savings thanks to speed-controlled components and inverter technology. International approvals and multi-voltage capability for worldwide use. Intuitive operation via touch display and intelligent communications interfaces ensure user-friendly operation and analysis.

Features

Model No.	SK 3320.200
Benefits	Blue e+ chillers ensure centralised and efficient cooling of liquid media with a high level of temperature accuracy and innovative DC inverter technology Suitable for international use thanks to its unique multi-voltage capability (without rewiring) and high operating limits Maximum reliability thanks to integral 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
Colour	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 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.
Protection category to IEC 60 529	IP 24 IP 54 (electrics)
Total cooling output Tw10 / Tu32	Cooling output Tw10 Tu32/50 Hz: 1.81 kW Cooling output Tw10 Tu32/60 Hz: 1.71 kW
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 2.61 kW Cooling output Tw18 Tu32/60 Hz: 2.51 kW
Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 2.5 kW Cooling output Tw18 Tu35/60 Hz: 2.4 kW

Features

Air throughput (unimpeded air flow)	At 50 Hz: 1,100 m³/h At 60 Hz: 1,100 m³/h
Rated operating voltage	380 V - 415 V, 3~, 50 Hz 440 V - 480 V, 3~, 60 Hz
Dimensions	Width: 450 mm Height: 820 mm Depth: 710 mm
Note	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.
Temperature control	e+ controller (factory setting +20 °C)
Operating temperature range	-5 °C...50 °C
Storage temperature range	-40 °C...70 °C
Operating temperature range of cooling medium	5 °C...35 °C
Temperature hysteresis	± 0.5 K
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.65 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.41 t
Pump pressure	At 50 Hz: 2.4 bar
Volumetric flow (cooling medium)	At 50 Hz: 7 l/min
Power consumption Pel	At 50 Hz: 1.35 kW At 60 Hz: 1.55 kW
Rated current max.	At 50 Hz: 2.1 A At 60 Hz: 2 A
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Energy efficiency ratio (EER) 50 Hz Tw18/Tu35 DIN EN 14511	2.06
Water circuit	hermetically open
Water connections	¾" internal thread

Features

Number of cooling circuits	1
Tank	Material: PE plastic Volume: 12 l
Packs of	1 pc(s).
Net weight	84
Gross weight	100
Customs tariff number	84186900
EAN	4028177809833
ETIM 9	EC002516
ETIM 8	EC002516
ECLASS 8.0	27180713

Approvals

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

Tender text

SK Blue e+ Chiller,,
Blue e+ chillers ensure centralised and efficient cooling of liquid media with a high level of temperature accuracy and innovative DC inverter technology,,
Suitable for international use thanks to its unique multi-voltage capability (without rewiring) and high operating limits,,
Maximum reliability thanks to integral 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,,
„
Total cooling output TW18 TU35, 50/60 Hz: 2,5 / 2,4 kW,,
„
Power consumption 50/60 Hz: 1,35 / 1,55 kW,,
„
Volumetric flow (cooling medium) 50/60 Hz: 7 l/min,,
„
Pump pressure (max.) at 50 Hz: 2,4 bar,,
„
Rated current 50/60 Hz: 2,10 / 2,0 A,,
„
Rated operating voltage: 380-415 V, 3~, 50 Hz; 440-480 V, 3~, 60 Hz,,
„
Temperature control: e+ controller (factory setting +20 °C) ,,
„
Dimensions [WxHxD]: 450x820x710 mm,,
„
Colour: textured RAL 7035,,
„
Tank (Material): PE plastic,,
Tank (contents): 12 l,,
„
Refrigerant / Quantity: R-513A / 650 g,,
„
Number of cooling circuits: 1,,
„
Temperature hysteresis: +/- 0,5 K,,
„

Water connections: 2x3/4" IG„
Water circuit: hermetically open „
„
Operating temperature range: -5 °C bis 50 °C„
Liquid media temperature range: 5 °C bis 35 °C„
„
Protection category IP to IEC 60 529: IP 24„
„
Weight: 85 kg„
„
Note: 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.