Rittal – The System.

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SK 3334.300

Blue e+ chiller

State: 2025-09-13 (Source: rittal.com/ca-en)

SK 3334.300 - 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 3334.300
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 Tw10 / Tu32	Cooling output Tw10 Tu32/50 Hz: 2.87 kW Cooling output Tw10 Tu32/60 Hz: 2.77 kW
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 4.18 kW Cooling output Tw18 Tu32/60 Hz: 4.08 kW
Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 4 kW Cooling output Tw18 Tu35/60 Hz: 3.9 kW

Features

Air throughput (unimpeded air flow)	At 50 Hz: 1,850 m³/h At 60 Hz: 1,850 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	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
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: 0.7 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.44 t
Pump pressure	At 50 Hz: 2.9 bar
Volumetric flow (cooling medium)	At 50 Hz: 15 l/min
Rated power Pel	At 50 Hz: 2.63 kW At 60 Hz: 2.9 kW
Rated current max.	At 50 Hz: 4 A At 60 Hz: 3.8 A
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511	2.53
Water circuit	hermetically open
Water connections	¾" internal thread

Features

Number of cooling circuits	1
Tank	Material: Plastic PE Volume: 12 l
Packaging unit	1 pc(s).
Net weight	90
Gross weight	103
Customs tariff number	84186900
EAN	4028177809840
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