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# SK 3334.400

# Blue e+ chiller

State: 11/15/2026 (Source: www.rittal.com/us-en)

# SK 3334.400 - 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

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| Model No. | SK 3334.400 |
| Benefits | Blue e+ chillers ensure central and efficient cooling of liquid media with a high level of temperature precision and innovative DC inverter technology<br>Suitable for international use due to its unique multi-voltage capability (without rewiring) and high operating limits<br>Maximum safety due to integrated overflow valve and monitoring sensors<br>Intuitive operation due to touch display and intelligent interfaces<br>Compact and modular layout ensures minimum footprint<br>Pumps with highly-efficient IE3 motors |
| Color | Textured RAL 7035 |
| Supply includes | Complete unit ready for connection (plug-in terminal strip)<br>Multilingual documentation |
| Options | For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300.<br>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<br>IP 54 (electrics) |
| Total cooling output Tw10 / Tu32 | Cooling output Tw10 Tu32/50 Hz: 4.33 kW<br>Cooling output Tw10 Tu32/60 Hz: 4.23 kW<br>Cooling output Tw10 Tu32/50 Hz: 14,775 BTU/h<br>Cooling output Tw10 Tu32/60 Hz: 14,433 BTU/h |

# Features

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|---|---|
| Total cooling output Tw18 / Tu32 | Cooling output Tw18 Tu32/50 Hz: 5.72 kW<br>Cooling output Tw18 Tu32/60 Hz: 5.62 kW<br>Cooling output Tw18 Tu32/50 Hz: 19,517 BTU/h<br>Cooling output Tw18 Tu32/60 Hz: 19,176 BTU/h |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 5.5 kW<br>Cooling output Tw18 Tu35/60 Hz: 5.4 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 1,850 m³/h<br>At 60 Hz: 1,850 m³/h<br>At 50 Hz: 1,088.9 cfm<br>At 60 Hz: 1,088.9 cfm |
| Rated operating voltage | 380 V - 415 V, 3~, 50 Hz<br>440 V - 480 V, 3~, 60 Hz |
| Dimensions | Width: 450 mm<br>Height: 1,020 mm<br>Depth: 710 mm<br>Width: 17.7 ″<br>Height: 40.2 ″<br>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<br>23 °F...122 °F |
| Storage temperature range | -40 °C...70 °C<br>-40 °F...158 °F |
| Operating temperature range of cooling medium | 5 °C...35 °C<br>41 °F...95 °F |
| Temperature hysteresis | ± 0.5 K |
| Refrigerant/cooling medium | Refrigerant: R-513A<br>Quantity: 1.2 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.76 t<br>Refrigerant: R-513A<br>Quantity: 2.6 lb. |

# Features

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|---|---|
| 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<br>At 60 Hz: 2.9 kW |
| Rated current max. | At 50 Hz: 4 A<br>At 60 Hz: 3.8 A |
| Pre-fuse | Miniature circuit-breaker/fuse: 15 A |
| Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511 | 2.16 |
| Water circuit | Open |
| Water connections | ¾" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: Plastic PE<br>Volume: 12 l |
| Packaging unit | 1 pc(s). |
| Net weight | 96 kg |
| Gross weight | 115 kg |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Chiller Blue e+, 18767 BTU/h, 380-415 V, 440-480 V, 3~, 50/60 Hz, WHD: 450 x 1020 x 710 mm |

# Approvals

# Approvals

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