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SK 3334.600 TopTherm chillers

State: 2026-01-16 (Source: rittal.com/ca-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3334.600 - TopTherm chillers 3412.1 - 13,648 BTU/h

TopTherm chillers in roof-mounted or stand-alone versions are flexible and compact. They offer centralized and efficient cooling of the cooling water and supply air/water heat exchangers and other devices. With nano-coated condenser as standard.

Features

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|--|---|
| Model No. | SK 3334.600 |
| Version | Compact, modular layout of the refrigeration components Pump to convey the medium |
| Benefits | Precise temperature control, based on microprocessor technology Collective fault signal with floating contact One version for two frequencies = international compatibility |
| Color | RAL 7035 |
| Supply includes | Condenser with hydrophobic RiNano coating Complete unit ready for connection Multilingual documentation including functional diagram and wiring plans |
| Protection category IP to EN 60 529 | IP 44 (electrics) |
| Total cooling output Tw10 / Tu32 | Cooling output Tw10 Tu32/50 Hz: 3.9 kW Cooling output Tw10 Tu32/60 Hz: 4.7 kW |
| Total cooling output Tw18 / Tu32 | Cooling output Tw18 Tu32/50 Hz: 4.5 kW Cooling output Tw18 Tu32/60 Hz: 5.4 kW |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 4.8 kW Cooling output Tw18 Tu35/60 Hz: 5.6 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 1,785 m³/h At 60 Hz: 1,785 m³/h |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |
| Dimensions | Width: 602 mm Height: 676 mm Depth: 645 mm |

Features

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|--|---|
| Temperature control | Microcontroller control (factory setting +20 °C) |
| Operating temperature range | 10 °C...43 °C |
| Operating temperature range of cooling medium | 10 °C...30 °C |
| Temperature hysteresis | ± 2 K |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 1.5 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.94 t |
| Volumetric flow (cooling medium) | At 50 Hz: 20 l/min |
| Rated power Pel | At 50 Hz: 2.38 kW At 60 Hz: 3.24 kW |
| Rated current max. | At 50 Hz: 5.6 A At 60 Hz: 6.15 A |
| Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511 | 2.26 |
| Water circuit | Open |
| Water connections | G ½" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: Plastic PP Volume: 30 l |
| Packaging unit | 1 pc(s). |
| Net weight | 94 |
| Gross weight | 104 |
| Customs tariff number | 84186900 |
| EAN | 4028177351189 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |

Approvals

Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation