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SK 3334.660 TopTherm chillers

State: 5/29/2026 (Source: rittal.com/us-en)

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3334.660 - 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

Model No.	SK 3334.660
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 60529	IP 44 (electrics)
Total cooling output Tw10 / Tu32	Cooling output Tw10 Tu32/50 Hz: 4.8 kW Cooling output Tw10 Tu32/60 Hz: 5.2 kW Cooling output Tw10 Tu32/50 Hz: 16,378 BTU/h Cooling output Tw10 Tu32/60 Hz: 17,743 BTU/h
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 6.1 kW Cooling output Tw18 Tu32/60 Hz: 6.6 kW Cooling output Tw18 Tu32/50 Hz: 20,814 BTU/h Cooling output Tw18 Tu32/60 Hz: 22,520 BTU/h
Air throughput (unimpeded air flow)	At 50 Hz: 2,200 m ³ /h At 60 Hz: 2,500 m ³ /h At 50 Hz: 1,294.9 cfm At 60 Hz: 1,471.4 cfm
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

Features

Dimensions	Width: 605 mm Height: 1,034 mm Depth: 645 mm Width: 23.8 " Height: 40.7 " Depth: 25.4 "
Note on Model No.:	For 3334.660, two metal filters are required.
Temperature control	Microcontroller control (factory setting +20 °C)
Operating temperature range	10 °C...43 °C 50 °F...109 °F
Operating temperature range of cooling medium	10 °C: 30 °C 50 °F: 86 °F
Temperature hysteresis	± 2 K
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 2.2 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 3.15 t Refrigerant: R134a Quantity: 4.9 lb.
Rated power Pel	At 50 Hz: 3.98 kW At 60 Hz: 5.32 kW
Rated current max.	At 50 Hz: 8.2 A At 60 Hz: 8.5 A
Water circuit	Open
Water connections	G ¾" internal thread
Number of cooling circuits	1
Tank	Material: Plastic PP Volume: 30 l
Packaging unit	1 pc(s).
Net weight	125 kg
Gross weight	142 kg
Customs tariff number	84186900

Features

ETIM 9	EC002516
ETIM 8	EC002516
ECLASS 8.0	27180713
Product description	SK Chiller TopTherm, Stand alone, open, 20814/22520 BTU/h, 400-460 V, 3~, 50/60 Hz, WHD: 605 x 1034 x 645 mm

Approvals

Explanations	Declaration of conformity
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