

# Rittal – The System.

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## SK 3319.600 TopTherm chillers

State: 8/9/2025 (Source: [rittal.com/us-en](http://rittal.com/us-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3319.600 - 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

Model No.	SK 3319.600
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: 1.2 kW Cooling output Tw10 Tu32/60 Hz: 1.3 kW Cooling output Tw10 Tu32/50 Hz: 4,095 BTU/h Cooling output Tw10 Tu32/60 Hz: 4,436 BTU/h
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 1.5 kW Cooling output Tw18 Tu32/60 Hz: 1.7 kW Cooling output Tw18 Tu32/50 Hz: 5,118 BTU/h Cooling output Tw18 Tu32/60 Hz: 5,801 BTU/h
Air throughput (unimpeded air flow)	At 50 Hz: 900 ft <sup>3</sup> /min At 60 Hz: 900 ft <sup>3</sup> /min
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz

# Features

Dimensions	Width: 600 mm Height: 400 mm Depth: 430 mm Width: 23.6 " Height: 15.7 " Depth: 16.9 "
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: 0.975 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 1.39 t Refrigerant: R134a Quantity: 2.1 lb.
Rated power Pel	At 50 Hz: 0.86 kW At 60 Hz: 0.99 kW
Rated current max.	At 50 Hz: 5.7 A At 60 Hz: 5.6 A
Water circuit	Pressure-sealed
Water connections	G ½" internal thread
Number of cooling circuits	1
Packaging unit	1 pc(s).
Net weight	51
Gross weight	55
Customs tariff number	84186900
EAN	4028177351158
ETIM 9	EC002516
ETIM 8	EC002516

# Features

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ECLASS 8.0	27180713
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# Approvals

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Explanations	Declaration of conformity
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