

Rittal – The System.

Faster – better – everywhere.



SK 3319.600 TopTherm chillers

State: 16/12/2025 (Source: rittal.com/sg-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3319.600 - TopTherm chillers 1 - 4 kW

Roof-mounted and stand-alone TopTherm chillers are both flexible and compact. They provide for economical chilling of a central cooling water supply for air/water heat exchangers or the like. With nano-coated condenser as standard.

Features

Model No.	SK 3319.600
Design	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
Colour	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Complete unit ready for connection Multilingual documentation including functional diagram and wiring plans
Protection category to IEC 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
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 1.5 kW Cooling output Tw18 Tu32/60 Hz: 1.7 kW
Air throughput (unimpeded air flow)	At 50 Hz: 900 ft ³ /min At 60 Hz: 900 ft ³ /min
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Dimensions	Width: 600 mm Height: 400 mm Depth: 430 mm
Temperature control	Microcontroller control (factory setting +20 °C)
Operating temperature range	10 °C...43 °C

Features

Operating temperature range of cooling medium	10 °C...30 °C
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
Power consumption 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
Packs of	1 pc(s).
Net weight	51
Gross weight	55
Customs tariff number	84186900
EAN	4028177351158
ETIM 9	EC002516
ETIM 8	EC002516
ECLASS 8.0	27180713

Approvals

Explanations	Declaration of conformity
--------------	---------------------------

Tender text

Total cooling output at TW 18 °C / TU 32°C and 50 Hz: 1.5 kw

Total cooling output at TW 18 °C / TU 32°C and 60 Hz: 1.7 kw

Air throughput unimpeded airflow: 900 m³/h

Rated operating voltage: 230 V, 50/60 Hz, 1~

Dimensions [W x H x D]: 600 x 400 x 455

Refrigerant: R134a

Temperature range ambience (Tu): 10°C to 43°C

Temperature range liquid medium (Tw): 10°C to 30°C

Temperature control: Microcontroller control

Factory setting: 20°C

Water connections: 1/2" (internal thread)

Protection category to EN 60 529/10.91: IP 44

Weight: 51 kg

Colour: RAL 7035