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## SK 3334.660 TopTherm chillers

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3334.660 - TopTherm chillers 1 - 6 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 3334.660
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: 4.8 kW Cooling output Tw10 Tu32/60 Hz: 5.2 kW
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 6.1 kW Cooling output Tw18 Tu32/60 Hz: 6.6 kW
Air throughput (unimpeded air flow)	At 50 Hz: 2,200 m <sup>3</sup> /h At 60 Hz: 2,500 m <sup>3</sup> /h
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Dimensions	Width: 605 mm Height: 1,034 mm Depth: 645 mm
Note on Model No.	For 3334.660, two metal filters are required
Temperature control	Microcontroller control (factory setting +20 °C)

# Features

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: R134a Quantity: 2.2 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 3.15 t
Power consumption 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: PP plastic Volume: 30 l
Packs of	1 pc(s).
Weight/pack	125 kg
Net weight	125
Gross weight	142
Customs tariff number	84186900
EAN	4028177553422
ETIM 8	EC002516
ETIM 7.0	EC002516
ECLASS 8.0	27180713

# Approvals

# Approvals

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Explanations

Declaration of conformity

## Tender text

Total cooling output at TW 18 °C / TU 32°C and 50 Hz: 6.06 kw

Total cooling output at TW 18 °C / TU 32°C and 60 Hz: 6.62 kw

Air throughput unimpeded airflow: 2200 m<sup>3</sup>/h

Rated operating voltage: 400 V, 50/60 Hz / 460 V, 60 Hz, 3~

Dimensions [W x H x D]: 605 x 1034 x 650

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: 3/4" (internal thread)

Protection category to EN 60 529/10.91: IP 44

Weight: 125 kg

Colour: RAL 7035