

# Rittal – The System.

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## **TopTherm chillers 1 - 6 kW – SK 3320.600**

Date : Mar 18, 2014

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

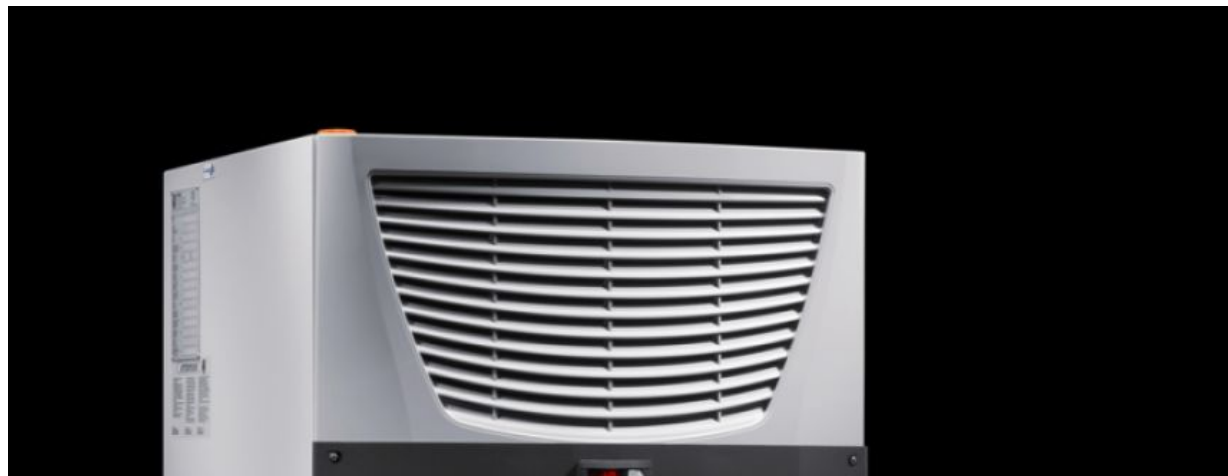
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# TopTherm chillers 1 - 6 kW – SK 3320.600

created : 18.03.2014 on [www.rittal.com/com-en](http://www.rittal.com/com-en)



## Product description

### Design:

- Compact, modular layout of the refrigeration components
- Nano-coated condenser
- Pump to convey the medium
- Precise temperature control, based on microprocessor technology
- Collective fault signal with floating contact

### Colour:

- RAL 7035

### Protection category IP to IEC 60 529:

- IP 44 (electrics)

### Supply includes:

- Complete unit ready for connection
- Multilingual documentation including functional diagram and wiring plans

### Note:

- For 3334.660, two metal filters are required

### Packs of:

- 1 pc(s).

### EAN:

- 4028177351172

### Customs tariff number:

- 84158200

## Product features

### Total cooling output:

- At  $TW = 10\text{ °C}/TU = 32\text{ °C}$  and 50 Hz: 2.7 kW

- At TW = 10 °C/TU = 32 °C and 60 Hz: 3 kW
- At TW = 18 °C/TU = 32 °C and 50 Hz: 3 kW
- At TW = 18 °C/TU = 32 °C and 60 Hz: 3.4 kW

**Air throughput  
(unimpeded air flow):**

- At 50 Hz: 1785 m³/h
- At 60 Hz: 1785 m³/h

**Rated operating  
voltage:**

- 400 V, 3~, 50 Hz
- 460 V, 3~, 60 Hz
- Note for voltage: Supports multiple voltages without rewiring.

**Dimensions:**

- Width: 602 mm
- Height: 676 mm
- Depth: 645 mm

**Temperature control:**

- Microcontroller control (factory setting +20°C)

**Temperature range:**

- Operation (environment): +10°C...+43°C
- Liquid media: +10°C...+30°C

**Refrigerant/cooling  
medium:**

- Refrigerant: R134a

**Power consumption  
Pel:**

- At 50 Hz: 2.1 kW
- At 60 Hz: 2.7 kW

**Rated current (max.):**

- At 50 Hz: 4.1 A
- At 60 Hz: 4.4 A

**Water circuit:**

- Open

**Water connections:**

- ½" internal thread

**Number of cooling  
circuits:**

- 1

**Tank:**



- Contents: 30 l
- Material: PP plastic

**Weight:**

- 88 kg


## Approvals

**Approvals:**

-  [Approval overview \(EN\)](#)
-  [Tested safety \(EN, DE\)](#)




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**Declarations:**

-  [Declaration of conformity \(DE\)](#)






## Downloads

**Data sheets:**

-  [Technical details \(EN\)](#)
-  [Technical system catalogue \(DE\)](#)
-  [Safety data sheet \(DE\)](#)

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**Documentation:**

-  [Instructions \(IT\)](#)
  -  [Instructions \(FR\)](#)
  -  [Instructions \(EN\)](#)
  -  [Instructions \(ES\)](#)
  -  [Instructions \(DE\)](#)
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- Enclosures
- Power distribution
- Climate Control
- IT Infrastructure
- Software & services

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