

# Rittal – The System.

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## ► TopTherm fan-and-filter units – SK 3244.100

Date : Mar 18, 2014

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FRIEDHELM LOH GROUP



# TopTherm fan-and-filter units – SK 3244.100

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



## Product description

### Colour:

- RAL 7035

### Protection category IP to IEC 60 529:

- IP 54
- With hose-proof hood: IP 56
- With fine filter mat or hose-proof hood: IP 55

### Supply includes:

- Complete unit ready to install, including filter mat

### Note:

- For energy-efficient operation of the fan-and-filter units, we recommend using the enclosure internal thermostat, the speed control or the digital enclosure internal temperature display and thermostat

### Packs of:

- 1 pc(s).

### EAN:

- 4028177652163

### Customs tariff number:

- 84145100

## Product features

### Air throughput (unimpeded air flow):

- At 50 Hz: 700 m<sup>3</sup>/h
- At 60 Hz: 770 m<sup>3</sup>/h






### Air throughput with outlet filter including

- Number of outlet filters: 1


<b>standard filter mat:</b>	<ul style="list-style-type: none"> <li>• 2</li> <li>• Model No. of outlet filter: SK 3243.200</li> <li>• SK 3243.200</li> <li>• At 50 Hz: 544 m<sup>3</sup>/h</li> <li>• 630 m<sup>3</sup>/h</li> <li>• At 60 Hz: 610 m<sup>3</sup>/h</li> <li>• 690 m<sup>3</sup>/h</li> </ul>
<b>Rated operating voltage:</b>	<ul style="list-style-type: none"> <li>• 230 V, 1~, 50 Hz/60 Hz</li> </ul>
<b>Dimensions:</b>	<ul style="list-style-type: none"> <li>• Width: 323 mm</li> <li>• Height: 323 mm</li> </ul>
<b>Required mounting cut-out:</b>	<ul style="list-style-type: none"> <li>• Width: 292 mm</li> <li>• Height: 292 mm</li> </ul>
<b>Build depth:</b>	<ul style="list-style-type: none"> <li>• 25 mm</li> </ul>
<b>Installation depth:</b>	<ul style="list-style-type: none"> <li>• 130.5 mm</li> </ul>
<b>Temperature range:</b>	<ul style="list-style-type: none"> <li>• Bearing: -30°C...+70°C</li> <li>• Operation (environment): -30°C...+55°C</li> </ul>
<b>Power consumption Pel:</b>	<ul style="list-style-type: none"> <li>• At 50 Hz: 95 W</li> <li>• At 60 Hz: 135 W</li> </ul>
<b>Rated current (max.):</b>	<ul style="list-style-type: none"> <li>• At 50 Hz: 0.43 A</li> <li>• At 60 Hz: 0.6 A</li> </ul>
<b>Pre-fuse:</b>	<ul style="list-style-type: none"> <li>• Miniature circuit-breaker/fuse: 4 A</li> </ul>
<b>Noise level:</b>	<ul style="list-style-type: none"> <li>• At 50 Hz: 65 dB(A)</li> <li>• At 60 Hz: 66 dB(A)</li> </ul>
<b>Diagonal fan:</b>	<ul style="list-style-type: none"> <li>• Diagonal, 1~ capacitor motor</li> </ul>

## Approvals

### Approvals:




-  [UR + C-UR \(EN\)](#)
-  [CSA \(EN\)](#)
-  [UR \(EN\)](#)
-  [C-UR \(EN\)](#)
-  [Approval overview \(EN\)](#)

#### Declarations:









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

#### Downloads

#### Data sheets:

-  [Technical details \(EN\)](#)
-  [Technical system catalogue \(DE\)](#)
-  [Performance diagrams \(DE\)](#)

#### Documentation:

-  [Instructions \(EN\)](#)
-  [Instructions \(DE\)](#)
-  [Instructions \(ES\)](#)
-  [Instructions \(FR\)](#)
-  [Instructions \(IT\)](#)
-  [Instructions \(JP\)](#)
-  [Instructions \(NL\)](#)
-  [Instructions \(SE\)](#)

#### CAD drawings:

- Request

Please note that there are the following alternative products:



#### TopTherm fan-and-filter units EMC

Further information on this product

» [www.rittal.com/com-en/TopTherm\\_fan\\_and\\_filter\\_units\\_EM](http://www.rittal.com/com-en/TopTherm_fan_and_filter_units_EM)



TopTherm fan-and-filter units EMC

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- Power distribution
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