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## ► TopTherm fan-and-filter units – SK 3244.140

Date : Oct 15, 2019

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FRIEDHELM LOH GROUP



# TopTherm fan-and-filter units – SK 3244.140

created: 15.10.2019 on [www.rittal.com/com-en](http://www.rittal.com/com-en)



## Product description

<b>Description:</b>	Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure.
<b>Colour:</b>	RAL 7035
<b>Protection category IP to IEC 60 529:</b>	IP 54 with standard filter and additional fine filter mat: IP 55 with standard filter and hose-proof hood: IP 56
<b>Protection category NEMA:</b>	with standard filter: Type 12 with standard filter and additional fine filter mat: Type 12 with standard filter and hose-proof hood: Type 3, 3R, 4, 4X
<b>Supply includes:</b>	Complete unit ready to install, including filter mat
<b>Note:</b>	With the fan-and-filter unit 3237.XXX, electrical connection is made via two single wires on the unit; for all other fan-and-filter units, a screwless spring terminal is used.

## Product features

<b>Air throughput (unimpeded air flow):</b>	At 50 Hz: 700 m <sup>3</sup> /h At 60 Hz: 770 m <sup>3</sup> /h
<b>Air throughput with outlet filter including standard filter mat (quantity x order number, output 50/60 Hz):</b>	1 x 3243200: 544/587 m <sup>3</sup> /h 2 x 3243200: 630/690 m <sup>3</sup> /h
<b>Rated operating</b>	400 V, 3~, 50 Hz/60 Hz

<b>voltage:</b>	460 V, 3~, 60 Hz
<b>Dimensions:</b>	Width: 323 mm Height: 323 mm
<b>Required mounting cut-out:</b>	Width: 292 mm Height: 292 mm
<b>Build depth:</b>	25 mm
<b>Installation depth:</b>	130.5 mm
<b>Temperature range:</b>	Bearing: -30 °C...+70 °C Operation (environment): -30 °C...+55 °C
<b>Power consumption P<sub>ej</sub>:</b>	At 50 Hz: 93 W At 60 Hz: 140 W
<b>Rated current max.:</b>	At 50 Hz: 0.17 A At 60 Hz: 0.21 A
<b>Pre-fuse:</b>	Motor circuit-breaker: 0,2 A...0,4 A
<b>Service life at 50 Hz:</b>	66000 h
<b>Service life at 60 Hz:</b>	62000 h
<b>Noise level:</b>	At 50 Hz: 67 dB(A) At 60 Hz: 70 dB(A)
<b>Diagonal fan:</b>	Diagonal, three-phase motor
<b>Packs of:</b>	1 pc(s).
<b>Weight/pack:</b>	4.1 kg
<b>EAN:</b>	4028177652200
<b>Customs tariff number:</b>	84145915
<b>ETIM 6.0:</b>	EC000320
<b>ETIM 5.0:</b>	EC000320
<b>eCl@ss 8.0/8.1:</b>	27180716
<b>eCl@ss 7.0/7.1:</b>	27180716

eCl@ss 6.0/6.1: 27180716

eCl@ss 5.1/5.1.4: 27180705

**Product description:** SK fan and filter units TopTherm, 700/770 m<sup>3</sup>/h, 400/460 V, 3~, 50/60 Hz, WHD: 323 x 323 x 25 mm

## Approvals

**Approvals:** Approval overview CCC exception letter  
UL + C-UL - FTTA CSA  
UR + C-UR

**Certificates:** EAC

**Declarations:** Declaration of conformity