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## SK 3240.600

## TopTherm fan-and-filter units

State: 13/05/2025 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3240.600 - TopTherm fan-and-filter units EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from 20 - 900 m<sup>3</sup>/h, standard protection category IP 54.



## Features

|  |   |
|--|---|
| Model No.  | SK 3240.600   |
| Design   | wall-mounted<br>EMC   |
| Product description  | EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.   |
| Product modification   | The cover for the connection clamp has not been part of the TopTherm fan-and-filter units since May 2024. In testing, it proved not to be necessary to meet the standard, and affects neither function nor operational reliability. |
| Colour   | RAL 7035  |
| Supply includes  | Complete unit ready to install, including chopped-fibre filter mat  |
| Fan  | Diagonal, shaded pole motor   |
| Air throughput (unimpeded air flow)  | At 50 Hz: 175 m <sup>3</sup> /h<br>At 60 Hz: 155 m <sup>3</sup> /h  |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3240060: 130/110 m <sup>3</sup> /h<br>2 x 3240060: 159/135 m <sup>3</sup> /h  |
| Rated operating voltage  | 230 V, 1~, 50 Hz/60 Hz  |
| Rated current max.   | At 50 Hz: 0.21 A<br>At 60 Hz: 0.19 A  |

# Features

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|-------------------------------------|--|
| Power consumption Pel               | At 50 Hz: 35 W<br>At 60 Hz: 34 W   |
| Dimensions                          | Width: 255 mm<br>Height: 255 mm  |
| Installation dimensions             | Build depth: 25 mm<br>Installation depth: 107 mm   |
| Mounting cut-out                    | Cut-out width: 224 mm<br>Cut-out height: 224 mm  |
| Note                                | To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays |
| IP protection category to IEC 60529 | IP 54 with chopped-fibre filter<br>IP 56 with chopped-fibre filter and hose-proof hood   |
| Protection category NEMA            | Type 12 with chopped-fibre filter<br>Type 3<br>Type 3R<br>Type 4<br>Type 4X with chopped-fibre filter and hose-proof hood            |
| Pre-fuse                            | Miniature circuit-breaker/fuse: 2 A  |
| Service life of fans (L10, 40 °C)   | At 50 Hz: 72,000 h<br>At 60 Hz: 76,000 h   |
| Operating temperature range         | -30 °C...55 °C   |
| Storage temperature range           | -30 °C...70 °C   |
| Noise level                         | At 50 Hz: 51 dB(A)<br>At 60 Hz: 46 dB(A)   |
| Packs of                            | 1 pc(s).   |
| Net weight                          | 2.1  |
| Gross weight                        | 2.294  |
| Customs tariff number               | 84145915   |
| EAN                                 | 4028177652453  |
| ETIM 9                              | EC000320   |

# Features

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| ETIM 8 | EC000320 |
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| ECLASS 8.0 | 27180716 |
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# Approvals

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|           |   |
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| Approvals | CSA<br>UL + C-UL - FTTA<br>UR + C-UR (recognized) |
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| Explanations | Declaration of conformity<br>Declaration of conformity UK |
|--------------|---|

# Tender text

EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.

Air throughput (unimpeded air flow): 175 / 155 m<sup>3</sup>/h

Power consumption 50/60 Hz: 35 / 34 W

Rated power input 50/60 Hz: 0,21 / 0,19 A

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

Diagonal fan: Diagonal, shaded pole motor

Dimensions [WxH]: 255x255 mm

Installation depth: 107 mm

Build depth: 25 mm

Required mounting cut-out [WxH]: 224x224 mm

Operating temperature range: -30°C to +55°C

Storage temperature range: -30°C to +70°C

Colour: RAL 7035

Protection category IP to IEC 60 529:

IP 54 with fleece filter

IP 56 with fleece filter with hose-proof hood

Protection category NEMA:

Type 12 with fleece filter

Type 3, 3R, 4, 4X with fleece filter with hose-proof hood

Noise level 50/60 Hz: 51 / 46 dB(A)

Service life 50/60 Hz: 72.000 / 76.000 h

Weight: 2,12 kg