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## SK 3241.600 TopTherm filter fans

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FRIEDHELM LOH GROUP



# SK 3241.600 - TopTherm filter fans 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 3241.600  |
| 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 filter fans 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: 225 m <sup>3</sup> /h<br>At 60 Hz: 245 m <sup>3</sup> /h   |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3240060: 171/182 m <sup>3</sup> /h<br>2 x 3240060: 200/217 m <sup>3</sup> /h   |
| Rated operating voltage  | 230 V, 1~, 50 Hz/60 Hz   |
| Rated current max.   | At 50 Hz: 0.26 A<br>At 60 Hz: 0.24 A   |

# Features

|                                      |  |
|--------------------------------------|--|
| Power consumption Pel                | At 50 Hz: 40 W<br>At 60 Hz: 42 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 60 529 | 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: 4 A  |
| Service life of fans (L10, 40 °C)    | At 50 Hz: 61,000 h<br>At 60 Hz: 60,000 h   |
| Operating temperature range          | -30 °C...55 °C   |
| Storage temperature range            | -30 °C...70 °C   |
| Noise level                          | At 50 Hz: 54 dB(A)<br>At 60 Hz: 56 dB(A)   |
| Packs of                             | 1 pc(s).   |
| Net weight                           | 2.1  |
| Gross weight                         | 2.275  |
| Customs tariff number                | 84145915   |
| EAN                                  | 4028177652460  |
| ETIM 9                               | EC000320   |

# Features

|            |          |
|------------|----------|
| ETIM 8     | EC000320 |
| ECLASS 8.0 | 27180716 |

# Approvals

|              |   |
|--------------|---|
| Approvals    | CSA<br>UL + C-UL - FTTA<br>UR + C-UR (recognized)         |
| 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): 225 / 245 m<sup>3</sup>/h

Power consumption 50/60 Hz: 40 / 42 W

Rated power input 50/60 Hz: 0,26 / 0,24 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: 54 / 56 dB(A)

Service life 50/60 Hz: 61.000 / 60.000 h

Weight: 2,12 kg