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# SK 3243.110

# TopTherm filter fans

State: 20/11/2026 (Source: www.rittal.com/uk-en)

# SK 3243.110 - TopTherm filter fans

Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 900 m³/h, standard protection category IP 54.

## Features

| | |
|---|---|
| Model No. | SK 3243.110 |
| Design | wall-mounted |
| Product description | 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. |
| 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, 1~ capacitor motor |
| Air throughput, unimpeded airflow (with pleated filter) | At 50 Hz: 625 m³/h<br>At 60 Hz: 716 m³/h |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | At 50 Hz: 540 m³/h<br>At 60 Hz: 590 m³/h |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3243200: 405/460 m³/h<br>2 x 3243200: 475/520 m³/h |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Power consumption Pel | At 50 Hz: 75 W<br>At 60 Hz: 90 W |
| Rated current max. | At 50 Hz: 0.78 A<br>At 60 Hz: 0.8 A |

# Features

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|---|---|
| Dimensions | Width: 323 mm<br>Height: 323 mm |
| Installation depth | 118.5 mm |
| Mounting cut-out | Cut-out width: 292 mm<br>Cut-out height: 292 mm |
| IP protection category to IEC 60 529 | IP 54 with chopped-fibre filter/pleated filter<br>IP 55 with pleated filter and absorber mat<br>IP 56 with chopped-fibre filter/pleated filter and hose-proof hood |
| Protection category NEMA | Type 12 with chopped-fibre filter/pleated filter<br>Type 3<br>Type 3R<br>Type 4<br>Type 4X with chopped-fibre filter/pleated filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 6 A |
| Note | To increase the air throughput, a pleated filter may optionally be used (see characteristic curve). Suitable for use with fan-and-filter units, roof-mounted fans and outlet filters.<br>With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used |
| Service life of fans (L10, 40 °C) | At 50 Hz: 61,000 h<br>At 60 Hz: 59,000 h |
| Operating temperature range | -30 °C...55 °C |
| Storage temperature range | -30 °C...70 °C |
| Noise level | At 50 Hz: 59 dB(A)<br>At 60 Hz: 61 dB(A) |
| Packs of | 1 pc(s). |
| Net weight | 3.672 kg |
| Gross weight | 3.94 kg |
| Customs tariff number | 84145915 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |

# Features

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|---|---|
| ECLASS 8.0 | 27180716 |
| Product description | SK Fan-and-filter unit TopTherm, 540/590 m³/h, 115 V, 1~, 50/60 Hz, WHD: 323 x 323 x 25 mm |

# Approvals

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|---|---|
| Approvals | CSA<br>30 - KC Korea<br>UL + C-UL - FTTA<br>UR + C-UR (recognized) |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

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
Air troughput (unimpeded air flow): 540 / 590 m3/h
Power consumption: 75 / 90 W
Rated current: 0,78 / 0,80 A
Rated operating voltage: 115 V, 1~, 50/60 Hz
Fan: Diagonal, 1~ capacitor motor
Dimensions [WxH]: 323x323 mm
Build depth: 25 mm
Installation depth: 118,5 mm
Mounting cut-out [WxH]: 292x292 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/pleated filter
IP 55 with pleated filter and absorber mat
IP 56 with fleece filter/pleated filter and hose-proof hood
Protection category NEMA:
Type 12 with fleece filter/pleated filter
Type 3, 3R, 4, 4X with fleece filter/pleated filter and hose-proof hood
Noise level: 59 / 61 db(A)
Service life of fans: 61.000 / 59.000 h
Weight: 3,58 kg

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