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SK 3237.124

TopTherm fan-and-filter units

State: 16/04/2025 (Source: [rittal.com/com-en](https://www.rittal.com/com-en))

ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3237.124 - TopTherm fan-and-filter units

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

Features

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|--|---|
| Model No. | SK 3237.124 |
| 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 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 | Axial, DC motor |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | With DC: 20 m ³ /h |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3237200: 15 m ³ /h 2 x 3237200: 16 m ³ /h |
| Rated operating voltage | 24 V (DC) |
| Power consumption Pel | With DC: 2.4 W |
| Rated current max. | With DC: 0.1 A |
| Dimensions | Width: 116.5 mm Height: 116.5 mm |
| Installation depth | 43 mm |
| Mounting cut-out | Cut-out width: 92 mm Cut-out height: 92 mm |

Features

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|-------------------------------------|---|
| IP protection category to IEC 60529 | IP 54 with chopped-fibre filter IP56 with chopped-fibre filter and hose-proof hood |
| Protection category NEMA | Type 12 with chopped-fibre filter Type 3 Type 3R with chopped-fibre filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 2 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. With the fan-and-filter unit 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other fan-and-filter units, a screwless spring terminal is used |
| Operating temperature range | -15 °C...55 °C |
| Storage temperature range | -30 °C...70 °C |
| Noise level | With DC: 38 dB(A) |
| Packs of | 1 pc(s). |
| Net weight | 0.28 |
| Gross weight | 0.3 |
| Customs tariff number | 84145915 |
| EAN | 4028177651609 |
| E-Number Sweden | E3404337 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |

Approvals

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|-----------|---|
| Approvals | CSA UL + C-UL - FTTA UR + C-UR (recognized) |
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Approvals

Explanations

Declaration of conformity

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 throughput (unimpeded air flow): 20 / 25 m³/h

Power consumption: 3 W

Rated current: 0,125 A

Rated operating voltage: 24 V (DC)

Fan: Axial, DC motor

Dimensions [WxH]: 116,5x116,5 mm

Build depth: 16 mm

Installation depth: 43 mm

Mounting cut-out [WxH]: 92x92 mm

Operating temperature range: -15°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 and hose-proof hood

Protection category NEMA:

Type 12 with fleece filter

Type 3, 3R with fleece filter and hose-proof hood

Noise level: 38 db(A)

Service life of fans: 70.000 h

Weight: 0,30 kg