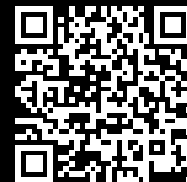


Rittal – The System.

Faster – better – everywhere.



SK 3240.100 TopTherm Filter Fan Units

State: 4/26/2025 (Source: [rittal.com/us-en](https://www.rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3240.100 - TopTherm Filter Fan Units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 11.77 - 529.72 cfm, protection category IP 54 as standard.

Features

| | |
|---|---|
| Model No. | SK 3240.100 |
| Version | wall-mounted |
| Product description | Filter fans with diagonal fan technology are more pressure-resistant and produce more constant air performance. The diagonal outflow direction ensures a more uniform 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. |
| Color | RAL 7035 |
| Supply includes | Complete unit ready to install, including fleece filter mat |
| Fan | Diagonal, shaded pole motor |
| Unimpeded air flow (with fleece filter) | At 50 Hz: 175 m³/h At 60 Hz: 155 m³/h At 50 Hz: 103 cfm At 60 Hz: 91.2 cfm |
| Unimpeded air flow (with folded filter) | At 50 Hz: 218 m³/h At 60 Hz: 188 m³/h At 50 Hz: 128.31 cfm At 60 Hz: 110.65 cfm |
| Air throughput with outlet filter incl. fleece filter mat (quantity x order number) | 1 x 3240200: 130/110 m³/h 2 x 3240200: 159/135 m³/h |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 35 W At 60 Hz: 34 W |

Features

| | |
|--------------------------------------|--|
| Rated current max. | At 50 Hz: 0.21 A At 60 Hz: 0.19 A |
| Dimensions | Width: 255 mm Height: 255 mm Width: 10 " Height: 10 " |
| Installation depth | 107 mm 4.21 " |
| Mounting cut-out | Width of opening: 224 mm Cut-out height: 224 mm Width of opening: 8.82 " Cut-out height: 8.82 " |
| Protection category IP to IEC 60 529 | IP 54 with fleece filter/folded filter IP 55 with folded filter and absorber mat IP56 with fleece filter/folded filter and hose-proof hood |
| Protection category NEMA | Type 12 with fleece filter/folded filter Type 3 Type 3R Type 4 Type 4X with fleece filter/folded filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 2 A |
| Note | A folded filter can optionally be used to increase the air throughput (see characteristic curve). This can be used with both the filter & roof-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is made via 2 individual wires (length approx. 300 mm) on the unit, for all other filter fans, it's made via a spring-loaded terminal |
| Service life of fans (L10, 40 °C)) | At 50 Hz: 72,000 h At 60 Hz: 76,000 h |
| Operating temperature range | -30 °C...55 °C -22 °F...131 °F |
| Storage temperature range | -30 °C...70 °C -22 °F...158 °F |
| Noise pressure level | At 50 Hz: 51 dB(A) At 60 Hz: 46 dB(A) |

Features

| | |
|-----------------------|---------------|
| Packaging unit | 1 pc(s). |
| Net weight | 2.12 |
| Gross weight | 2.26 |
| Customs tariff number | 84145915 |
| EAN | 4028177651937 |
| E-Number Sweden | E3404342 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |

Approvals

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