
RITTAL

# SK 3241.124 - 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

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| Model No. | SK 3241.124 |
| 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 changes | Since May 2024, the cover for the connection terminal is no longer part of the TopTherm filter fan. During testing, it was found not to be required by the standards and does not impair function or operational safety. |
| Color | RAL 7035 |
| Supply includes | Complete unit ready to install, including chopped fiber filter mat |
| Fan | Diagonal, DC motor |
| Unimpeded air flow (with pleated filter) | with DC: 272 m³/h |
| Unimpeded air flow (with chopped fiber filter) | with DC: 225 m³/h |
| Air throughput with outlet filter incl. chopped fiber filter mat (quantity x order number) | 1 x 3240200: 171 m³/h<br>2 x 3240200: 200 m³/h |
| Rated operating voltage | 24 V (DC) |
| Rated power Pel | with DC: 19 W |
| Rated current max. | with DC: 0.78 A |

# Features

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|---|---|
| Dimensions | Width: 255 mm<br>Height: 255 mm<br>Width: 10 ″<br>Height: 10 ″ |
| Installation depth | 107 mm<br>4.21 ″ |
| Mounting cut-out | Width of opening: 224 mm<br>Cut-out height: 224 mm<br>Width of opening: 8.82 ″<br>Cut-out height: 8.82 ″ |
| Protection category IP to IEC 60 529 | IP 54 with chopped fiber filter/pleated filter<br>IP 55 with pleated filter and absorber mat<br>IP 56 with chopped fiber filter/pleated filter and hose-proof hood |
| Protection category NEMA | Type 12 with chopped fiber filter/pleated filter<br>Type 3<br>Type 3R<br>Type 4<br>Type 4X with chopped fiber filter/pleated filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 2 A |
| Note | A pleated 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.<br>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 |
| Operating temperature range | -30 °C...55 °C<br>-22 °F...131 °F |
| Storage temperature range | -30 °C...70 °C<br>-22 °F...158 °F |
| Noise pressure level | with DC: 54 dB(A) |
| Packaging unit | 1 pc(s). |
| Net weight | 1.82 kg |
| Gross weight | 2.029 kg |
| Customs tariff number | 84145915 |

# Features

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|---|---|
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |
| Product description | SK Fan-and-filter unit TopTherm, 132.4 cfm 24 V (DC), WHD: 255 x 255 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 |