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## SK 3244.708 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3244.708 - Blue e+ filter fan

Complete fan unit for tool-free mounting on surfaces. Air throughput from 11 - 682.75 cfm, protection category IP 54 as standard.



## Features

|                     |  |
|---------------------|--|
| Model No.           | SK 3244.708  |
| 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.   |
| Benefits            | Highest airflow through pleated filter in delivery condition<br>Easy filter change thanks to a new opening mechanism on the louvre grille<br>Faster assembly on the enclosure due to optimized snap hooks<br>Diagonal fan technology ensures more uniform and consistent ventilation of the control cabinet through higher pressure stability.<br>Tool-free mounting |
| Material            | Plastic  |
| Color               | RAL 9005   |
| Supply includes     | Complete unit ready to install, including pleated filter   |
| Fan                 | Diagonal, 1~ capacitor motor   |

# Features

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|---|--|
| Unimpeded air flow (with pleated filter)                                | At 50 Hz: 867 m <sup>3</sup> /h<br>At 60 Hz: 910 m <sup>3</sup> /h<br>At 50 Hz: 510.3 cfm<br>At 60 Hz: 535.61 cfm  |
| Airflow with corresponding outlet filter including pleated filter       | At 50 Hz: 720 m <sup>3</sup> /h<br>At 60 Hz: 745 m <sup>3</sup> /h<br>At 50 Hz: 423.78 cfm<br>At 60 Hz: 438.49 cfm   |
| Unimpeded air flow (with chopped fiber filter)                          | At 50 Hz: 700 m <sup>3</sup> /h<br>At 60 Hz: 770 m <sup>3</sup> /h<br>At 50 Hz: 412 cfm<br>At 60 Hz: 453.2 cfm   |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 537 m <sup>3</sup> /h<br>At 60 Hz: 587 m <sup>3</sup> /h<br>At 50 Hz: 316.07 cfm<br>At 60 Hz: 345.5 cfm  |
| Rated operating voltage   | 230 V, 1~, 50 Hz/60 Hz   |
| Rated power Pel   | At 50 Hz: 114.4 W<br>At 60 Hz: 153.5 W   |
| Rated current max.  | At 50 Hz: 0.51 A<br>At 60 Hz: 0.68 A   |
| Dimensions  | Width: 323 mm<br>Height: 323 mm<br>Depth: 156 mm<br>Width: 12.7 "<br>Height: 12.7 "<br>Depth: 6.14 "   |
| Installation depth  | 136 mm<br>5.35 "   |
| Mounting cut-out  | Width of opening: 292 mm<br>Cut-out height: 292 mm<br>Width of opening: 11.5 "<br>Cut-out height: 11.5 "   |
| Protection category IP to IEC 60529                                     | 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 |

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# Features

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|-----------------------------|--|
| Protection category NEMA    | Type 12 with chopped fiber filter/pleated filter<br>Type 3, 3R, 4, 4X with chopped fiber filter/pleated filter and hose-proof hood   |
| Pre-fuse                    | Miniature circuit-breaker/fuse: 4 A  |
| Note                        | 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        | At 50 Hz: 64 dB(A)<br>At 60 Hz: 66 dB(A)   |
| Packaging unit              | 1 pc(s).   |
| Net weight                  | 4.8 kg   |
| Gross weight                | 5.002 kg   |
| Customs tariff number       | 84145915   |
| ETIM 9                      | EC000320   |
| ETIM 8                      | EC000320   |
| ECLASS 8.0                  | 27180716   |
| Product description         | SK Blue e+ filter fan, 867/910 m <sup>3</sup> /h, 230 V, 1~, 50 Hz/60 Hz, WHD 323 x 323 x 156 mm, RAL 9005   |

# Approvals

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