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## SK 3241.708 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3241.708 - Blue e+ filter fan

Complete fan-and-filter units for tool-free installation in surfaces. Air throughput 20 – 1,160 m<sup>3</sup>/h, protection category IP 54 as standard.



## Features

|                     |  |
|---------------------|--|
| Model No.           | SK 3241.708  |
| 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.   |
| Benefits            | Maximum air throughput via pleated filter included in the delivered state<br>Easy filter changes, thanks to a new opening mechanism on the louvred grille<br>Faster installation on the enclosure with optimised detent hooks<br>Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability<br>Tool-free assembly |
| Material            | Plastic  |
| Colour              | RAL 9005   |
| Supply includes     | Complete unit ready to install, including pleated filter   |
| Fan                 | Diagonal, shaded pole motor  |

# Features

|   |  |
|---|--|
| Air throughput, unimpeded airflow (with pleated filter)                   | At 50 Hz: 272 m <sup>3</sup> /h<br>At 60 Hz: 280 m <sup>3</sup> /h   |
| Air throughput with matching outlet filter including pleated filter       | At 50 Hz: 242 m <sup>3</sup> /h<br>At 60 Hz: 246 m <sup>3</sup> /h   |
| Air throughput, unimpeded airflow (with chopped-fibre filter)             | At 50 Hz: 225 m <sup>3</sup> /h<br>At 60 Hz: 245 m <sup>3</sup> /h   |
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 173 m <sup>3</sup> /h<br>At 60 Hz: 187 m <sup>3</sup> /h   |
| Rated operating voltage   | 230 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 43.2 W<br>At 60 Hz: 54.5 W   |
| Rated current max.  | At 50 Hz: 0.27 A<br>At 60 Hz: 0.32 A   |
| Dimensions  | Width: 255 mm<br>Height: 255 mm<br>Depth: 129 mm   |
| Installation depth  | 108 mm   |
| Mounting cut-out  | Cut-out width: 224 mm<br>Cut-out height: 224 mm  |
| IP protection category to IEC 60529                                       | 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, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood   |
| Pre-fuse  | Miniature circuit-breaker/fuse: 4 A  |
| Note  | 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 |
| Operating temperature range   | -30 °C...55 °C   |
| Storage temperature range   | -30 °C...70 °C   |

## Features

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|                       |   |
|-----------------------|---|
| Noise level           | At 50 Hz: 53 dB(A)<br>At 60 Hz: 54 dB(A)  |
| Packs of              | 1 pc(s).  |
| Net weight            | 2.2 kg  |
| Gross weight          | 2.413 kg  |
| Customs tariff number | 84145915  |
| ETIM 9                | EC000320  |
| ETIM 8                | EC000320  |
| ECLASS 8.0            | 27180716  |
| Product description   | SK Blue e+ fan-and-filter unit, 272/280 m <sup>3</sup> /h, 230 V, 1~, 50 Hz/60 Hz, WHD 255 x 255 x 129 mm, RAL 9005 |

## Approvals

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