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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-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 3244.708                                                                                                                                                                                                                                                                                                                                                                        |
| 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, 1~ capacitor motor                                                                                                                                                                                                                                                                                                                                                       |

# Features

|                                                                           |                                                                                                                                                                                      |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air throughput, unimpeded airflow (with pleated filter)                   | At 50 Hz: 867 m <sup>3</sup> /h<br>At 60 Hz: 910 m <sup>3</sup> /h                                                                                                                   |
| Air throughput with matching outlet filter including pleated filter       | At 50 Hz: 720 m <sup>3</sup> /h<br>At 60 Hz: 745 m <sup>3</sup> /h                                                                                                                   |
| Air throughput, unimpeded airflow (with chopped-fibre filter)             | At 50 Hz: 700 m <sup>3</sup> /h<br>At 60 Hz: 770 m <sup>3</sup> /h                                                                                                                   |
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 537 m <sup>3</sup> /h<br>At 60 Hz: 587 m <sup>3</sup> /h                                                                                                                   |
| Rated operating voltage                                                   | 230 V, 1~, 50 Hz/60 Hz                                                                                                                                                               |
| Power consumption 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                                                                                                                                     |
| Installation depth                                                        | 136 mm                                                                                                                                                                               |
| Mounting cut-out                                                          | Cut-out width: 292 mm<br>Cut-out height: 292 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: 64 dB(A)<br>At 60 Hz: 66 dB(A)                                                                            |
| Packs of              | 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+ fan-and-filter unit, 867/910 m <sup>3</sup> /h, 230 V, 1~, 50 Hz/60 Hz, WHD 323 x 323 x 156 mm, RAL 9005 |

# 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                                          |