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## SK 3244.710 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3244.710 - 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 3244.710  |
| 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            | <ul style="list-style-type: none"><li>Maximum air throughput via pleated filter included in the delivered state</li><li>Easy filter changes, thanks to a new opening mechanism on the louvred grille</li><li>Faster installation on the enclosure with optimised detent hooks</li><li>Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability</li><li>Tool-free assembly</li></ul> |
| Material            | Plastic  |
| Colour              | RAL 7035   |
| 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   | 115 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 120.7 W<br>At 60 Hz: 166.1 W   |
| Rated current max.  | At 50 Hz: 1.06 A<br>At 60 Hz: 1.47 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: 6 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            | 4,9 kg  |
| Gross weight          | 5,011 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, 115 V, 1~, 50 Hz/60 Hz, WHD 323 x 323 x 156 mm, RAL 7035 |

## 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  |