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## SK 3243.700 Blue e+ filter fan

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FRIEDHELM LOH GROUP



# SK 3243.700 - 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 3243.700                                                                                                                                                                                                                                                                                                                                                          |
| 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 7035                                                                                                                                                                                                                                                                                                                                                             |
| 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: 625 m <sup>3</sup> /h<br>At 60 Hz: 716 m <sup>3</sup> /h<br>At 50 Hz: 367.86 cfm<br>At 60 Hz: 421.42 cfm                                                 |
| Airflow with corresponding outlet filter including pleated filter       | At 50 Hz: 565 m <sup>3</sup> /h<br>At 60 Hz: 645 m <sup>3</sup> /h<br>At 50 Hz: 332.55 cfm<br>At 60 Hz: 379.63 cfm                                                 |
| Unimpeded air flow (with chopped fiber filter)                          | At 50 Hz: 540 m <sup>3</sup> /h<br>At 60 Hz: 590 m <sup>3</sup> /h<br>At 50 Hz: 317.8 cfm<br>At 60 Hz: 347.3 cfm                                                   |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 444 m <sup>3</sup> /h<br>At 60 Hz: 498 m <sup>3</sup> /h<br>At 50 Hz: 261.33 cfm<br>At 60 Hz: 293.11 cfm                                                 |
| Rated operating voltage                                                 | 230 V, 1~, 50 Hz/60 Hz                                                                                                                                             |
| Rated power Pel                                                         | At 50 Hz: 77.7 W<br>At 60 Hz: 106.4 W                                                                                                                              |
| Rated current max.                                                      | At 50 Hz: 0.39 A<br>At 60 Hz: 0.47 A                                                                                                                               |
| Dimensions                                                              | Width: 323 mm<br>Height: 323 mm<br>Depth: 144.5 mm<br>Width: 12.7 "<br>Height: 12.7 "<br>Depth: 5.69 "                                                             |
| Installation depth                                                      | 124 mm<br>4.88 "                                                                                                                                                   |
| 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: 62 dB(A)<br>At 60 Hz: 65 dB(A)                                                                                                                                                     |
| Packaging unit              | 1 pc(s).                                                                                                                                                                                     |
| Net weight                  | 4.1 kg                                                                                                                                                                                       |
| Gross weight                | 4.28 kg                                                                                                                                                                                      |
| Customs tariff number       | 84145915                                                                                                                                                                                     |
| ETIM 9                      | EC000320                                                                                                                                                                                     |
| ETIM 8                      | EC000320                                                                                                                                                                                     |
| ECLASS 8.0                  | 27180716                                                                                                                                                                                     |
| Product description         | SK Blue e+ filter fan, 625/716 m <sup>3</sup> /h, 230 V, 1~, 50 Hz/60 Hz, WHD 323 x 323 x 144.5 mm, RAL 7035                                                                                 |

# Approvals

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