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## SK 3245.908 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3245.908 - Blue e+ filter fan with EC technology

The energy-efficient version with EC technology stands out for more than just its unique IoT capabilities. The Blue e+ fan-and-filter unit unlocks countless other advantages, from energy efficiency, to monitoring and sustainability, through to a higher air throughput (175 – 1,160 m<sup>3</sup>/h).



## Features

|                 |   |
|-----------------|---|
| Model No.       | SK 3245.908   |
| Design          | wall-mounted<br>EC  |
| Benefits        | Maximum air throughput via pleated filter included in the delivered state<br>IoT link enables exclusive features such as automatic filter cleaning, filter maintenance display, emergency cooling function<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, EC motor  |

# Features

|   |  |
|---|--|
| Air throughput, unimpeded airflow (with pleated filter)                   | At 50 Hz: 1,161 m <sup>3</sup> /h<br>At 60 Hz: 1,161 m <sup>3</sup> /h   |
| Air throughput with matching outlet filter including pleated filter       | At 50 Hz: 969 m <sup>3</sup> /h  |
| Air throughput, unimpeded airflow (with chopped-fibre filter)             | At 50 Hz: 931 m <sup>3</sup> /h  |
| Air throughput with matching outlet filter including chopped-fibre filter | At 50 Hz: 728 m <sup>3</sup> /h  |
| Rated operating voltage   | 200 V - 240 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 173.5 W  |
| Rated current max.  | At 50 Hz: 1.38 A   |
| Dimensions  | Width: 323 mm<br>Height: 323 mm<br>Depth: 161 mm   |
| Installation depth  | 141 mm   |
| Mounting cut-out  | Cut-out width: 292 mm<br>Cut-out height: 292 mm  |
| IP protection category to IEC 60 529                                      | IP 51 with chopped-fibre filter/pleated filter<br>IP 52 with pleated filter and absorber mat<br>IP 56 with chopped-fibre filter/pleated filter and hose-proof hood |
| Protection category NEMA  | Type 1, 12 with chopped-fibre filter/pleated filter<br>Type 3, 3R with chopped-fibre filter/pleated filter and hose-proof hood                                     |
| Pre-fuse  | Miniature circuit-breaker/fuse: 6 A  |
| Operating temperature range   | -25 °C...55 °C   |
| Storage temperature range   | -25 °C...70 °C   |
| Noise level   | At 50 Hz: 72 dB(A)   |
| Interfaces  | 0 - 10 V/PWM input<br>Speed output<br>Floating fault signal contact<br>RS485 (ModBus)  |

# Features

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|                       |   |
|-----------------------|---|
| Packs of              | 1 pc(s).  |
| Net weight            | 4,048 kg  |
| Gross weight          | 4,248 kg  |
| Customs tariff number | 84145915  |
| ETIM 9                | EC000320  |
| ETIM 8                | EC000320  |
| ECLASS 8.0            | 27180716  |
| Product description   | SK Blue e+ fan-and-filter unit, EC technology, 1161 m <sup>3</sup> /h, 200 V – 240 V, 1~, 50 Hz/60 Hz, WxHxD 323 x 323 x 161 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  |