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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 design with EC technology is characterized not only by its first-time IoT capability. The Blue e+ filter fan also opens the door to many other advantages – from energy efficiency to monitoring and sustainability to higher air performance (175 - 1,160 m³/h).



Features

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|--|---|
| Model No. | SK 3245.908 |
| Version | wall-mounted EC |
| Benefits | Highest airflow through pleated filter in delivery condition IoT connectivity enables exclusive features such as automatic filter cleaning, filter maintenance indicator, emergency cooling function Easy filter change thanks to a new opening mechanism on the louvre grille Faster assembly on the enclosure due to optimized snap hooks Diagonal fan technology ensures more uniform and consistent ventilation of the control cabinet through higher pressure stability. Tool-free mounting |
| Material | Plastic |
| Color | RAL 9005 |
| Supply includes | Complete unit ready to install, including pleated filter |
| Fan | Diagonal, EC motor |
| Unimpeded air flow (with pleated filter) | At 50 Hz: 1,161 m ³ /h At 60 Hz: 1,161 m ³ /h |

Features

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|---|---|
| Airflow with corresponding outlet filter including pleated filter | At 50 Hz: 969 m ³ /h |
| Unimpeded air flow (with chopped fiber filter) | At 50 Hz: 931 m ³ /h |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 728 m ³ /h |
| Rated operating voltage | 200 V - 240 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 173.5 W |
| Rated current max. | At 50 Hz: 1.38 A |
| Dimensions | Width: 323 mm Height: 323 mm Depth: 161 mm |
| Installation depth | 141 mm |
| Mounting cut-out | Width of opening: 292 mm Cut-out height: 292 mm |
| Protection category IP to IEC 60529 | IP 51 with chopped fiber filter/pleated filter IP52 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof hood |
| Protection category NEMA | Type 1, 12 with chopped fiber filter/pleated filter Type 3, 3R with chopped fiber 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 pressure level | At 50 Hz: 72 dB(A) |
| Interfaces | 0 - 10 V/PWM input Speed output potential-free fault indication contact RS485 (ModBus) |
| Packaging unit | 1 pc(s). |
| Net weight | 4.048 kg |

Features

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|-----------------------|---|
| Gross weight | 4.248 kg |
| Customs tariff number | 84145915 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |
| Product description | SK Blue e+ filter fan, EC technology, 1161 m ³ /h, 200 V - 240 V, 1~, 50 Hz/60 Hz, WHD: 323 x 323 x 161 mm, RAL 9005 |

Approvals

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