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SK 3241.700 Blue e+ filter fan

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3241.700 - 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

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| Model No. | SK 3241.700 |
| 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 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 7035 |
| Supply includes | Complete unit ready to install, including pleated filter |
| Fan | Diagonal, shaded pole motor |

Features

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| Unimpeded air flow (with pleated filter) | At 50 Hz: 272 m ³ /h At 60 Hz: 280 m ³ /h At 50 Hz: 160.09 cfm At 60 Hz: 164.8 cfm |
| Airflow with corresponding outlet filter including pleated filter | At 50 Hz: 242 m ³ /h At 60 Hz: 246 m ³ /h At 50 Hz: 142.44 cfm At 60 Hz: 144.79 cfm |
| Unimpeded air flow (with chopped fiber filter) | At 50 Hz: 225 m ³ /h At 60 Hz: 245 m ³ /h At 50 Hz: 132.4 cfm At 60 Hz: 144.2 cfm |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 173 m ³ /h At 60 Hz: 187 m ³ /h At 50 Hz: 101.82 cfm At 60 Hz: 110.06 cfm |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 43.2 W At 60 Hz: 54.5 W |
| Rated current max. | At 50 Hz: 0.27 A At 60 Hz: 0.32 A |
| Dimensions | Width: 255 mm Height: 255 mm Depth: 129 mm Width: 10 " Height: 10 " Depth: 5.08 " |
| Installation depth | 108 mm 4.25 " |
| Mounting cut-out | Width of opening: 224 mm Cut-out height: 224 mm Width of opening: 8.82 " Cut-out height: 8.82 " |
| Protection category IP to IEC 60529 | IP 54 with chopped fiber filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof hood |

Features

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| Protection category NEMA | Type 12 with chopped fiber filter/pleated filter 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 -22 °F...131 °F |
| Storage temperature range | -30 °C...70 °C -22 °F...158 °F |
| Noise pressure level | At 50 Hz: 53 dB(A) At 60 Hz: 54 dB(A) |
| Packaging unit | 1 pc(s). |
| Net weight | 2.2 kg |
| Gross weight | 2.402 kg |
| Customs tariff number | 84145915 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |
| Product description | SK Blue e+ filter fan, 272/280 m ³ /h, 230 V, 1~, 50 Hz/60 Hz, WHD 255 x 255 x 129 mm, RAL 7035 |

Approvals

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