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SK 3244.900 Blue e+ filter fan

State: 2/3/2026 (Source: [rittal.com/us-en](https://www.rittal.com/us-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3244.900 - 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 3244.900 |
| Version | wall-mounted EC |
| Product description | The Blue e+ filter fans achieve maximum air throughput thanks to the standard use of folded filters. Can be used worldwide due to wide-range input (100-240 V). Control and monitoring via the Modbus interface enables exclusive features (automatic filter cleaning, filter maintenance display, emergency cooling function) |
| Benefits | Highest airflow through pleated filter in delivery condition Wide range input 100 - 240 V 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 |

Features

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| Color | RAL 7035 |
| Supply includes | Complete unit ready to install, including pleated filter |
| Fan | Diagonal, EC motor |
| Unimpeded air flow (with chopped fiber filter) | At 50 Hz: 700 m³/h At 50 Hz: 412 cfm |
| Unimpeded air flow (with pleated filter) | At 50 Hz: 867 m³/h At 60 Hz: 867 m³/h At 50 Hz: 510.3 cfm At 60 Hz: 510.3 cfm |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 535 m³/h At 50 Hz: 314.89 cfm |
| Rated operating voltage | 100 V - 240 V, 1~, 50 Hz/60 Hz |
| Rated power Pel | At 50 Hz: 116.4 W |
| Rated current max. | At 50 Hz: 1.97 A |
| Dimensions | Width: 323 mm Height: 323 mm Depth: 161 mm Width: 12.7 " Height: 12.7 " Depth: 6.34 " |
| Installation depth | 141 mm 5.55 " |
| Mounting cut-out | Width of opening: 292 mm Cut-out height: 292 mm Width of opening: 11.5 " Cut-out height: 11.5 " |
| Protection category IP to IEC 60 529 | 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 |
| 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: 6 A |

Features

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|-----------------------------|---|
| Operating temperature range | -25 °C...55 °C -13 °F...131 °F |
| Storage temperature range | -25 °C...70 °C -13 °F...158 °F |
| Noise pressure level | At 50 Hz: 66 dB(A) |
| Interfaces | 0 - 10 V/PWM input Speed output potential-free fault indication contact RS485 (ModBus) |
| Packaging unit | 1 pc(s). |
| Net weight | 4.15 |
| Gross weight | 4.248 |
| Customs tariff number | 84145915 |
| EAN | 4028177997844 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |

Approvals

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