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## SK 3244.900 Blue e+ filter fan

State: 6/19/2026 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

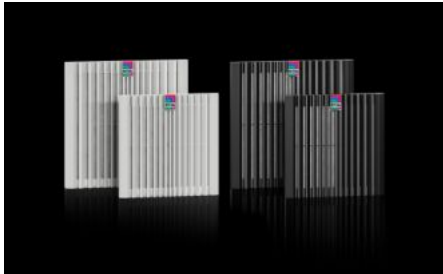
SOFTWARE & SERVICES

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 m<sup>3</sup>/h).



## Features

|                     |   |
|---------------------|---|
| Model No.           | SK 3244.900   |
| Version             | wall-mounted<br>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<br>Wide range input 100 - 240 V<br>IoT connectivity enables exclusive features such as automatic filter cleaning, filter maintenance indicator, emergency cooling function<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   |

# Features

|   |  |
|---|--|
| Color   | RAL 7035   |
| Supply includes   | Complete unit ready to install, including pleated filter   |
| Fan   | Diagonal, EC motor   |
| Unimpeded air flow (with pleated filter)                                | At 50 Hz: 867 m <sup>3</sup> /h<br>At 60 Hz: 867 m <sup>3</sup> /h<br>At 50 Hz: 510.3 cfm<br>At 60 Hz: 510.3 cfm   |
| Airflow with corresponding outlet filter including pleated filter       | At 50 Hz: 715 m <sup>3</sup> /h<br>At 50 Hz: 420.83 cfm  |
| Unimpeded air flow (with chopped fiber filter)                          | At 50 Hz: 700 m <sup>3</sup> /h<br>At 50 Hz: 412 cfm   |
| Airflow with corresponding outlet filter including chopped fiber filter | At 50 Hz: 535 m <sup>3</sup> /h<br>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<br>Height: 323 mm<br>Depth: 161 mm<br>Width: 12.7 "<br>Height: 12.7 "<br>Depth: 6.34 "   |
| Installation depth  | 141 mm<br>5.55 "   |
| 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 |
| 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                                 |

# Features

|                             |   |
|-----------------------------|---|
| Pre-fuse                    | Miniature circuit-breaker/fuse: 6 A   |
| Operating temperature range | -25 °C...55 °C<br>-13 °F...131 °F   |
| Storage temperature range   | -25 °C...70 °C<br>-13 °F...158 °F   |
| Noise pressure level        | At 50 Hz: 66 dB(A)  |
| Interfaces                  | 0 - 10 V/PWM input<br>Speed output<br>potential-free fault indication contact<br>RS485 (ModBus)                   |
| Packaging unit              | 1 pc(s).  |
| Net weight                  | 4.15 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+ filter fan, EC technology, 867 m³/h, 100 V - 240 V, 1~, 50 Hz/60 Hz, WHD: 323 x 323 x 161 mm, RAL 7035 |

# Approvals

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