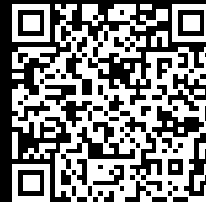


# Rittal – The System.

Faster – better – everywhere.



## SK 3245.900 Blue e+ filter fan

State: 07/09/2025 (Source: [rittal.com/com-en](http://rittal.com/com-en))

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FRIEDHELM LOH GROUP



# SK 3245.900 - 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 m³/h).



## Features

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.       | SK 3245.900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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 7035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supply includes | Complete unit ready to install, including pleated filter                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Fan             | Diagonal, EC motor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

# Features

|                                                                                 |                                                                                                                                                                   |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air throughput, unimpeded airflow<br>(with chopped-fibre filter)                | At 50 Hz: 931 m³/h                                                                                                                                                |
| Air throughput, unimpeded airflow<br>(with pleated filter)                      | At 50 Hz: 1,161 m³/h<br>At 60 Hz: 1,161 m³/h                                                                                                                      |
| Air throughput with matching<br>outlet filter including chopped-fibre<br>filter | At 50 Hz: 728 m³/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<br>529                                         | IP 51 with chopped-fibre filter/pleated filter<br>IP52 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<br>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)                                                                             |
| Packs of                                                                        | 1 pc(s).                                                                                                                                                          |
| Net weight                                                                      | 4.04                                                                                                                                                              |

# Features

|                       |               |
|-----------------------|---------------|
| Gross weight          | 4.241         |
| Customs tariff number | 84145915      |
| EAN                   | 4028177997813 |
| ETIM 9                | EC000320      |
| ETIM 8                | EC000320      |
| ECLASS 8.0            | 27180716      |

# Approvals

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