

# Rittal – The System.

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## SK 3241.718

## Blue e+ fan-and-filter unit

State: 17/09/2024 (Source: [rittal.com/com-en](http://rittal.com/com-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

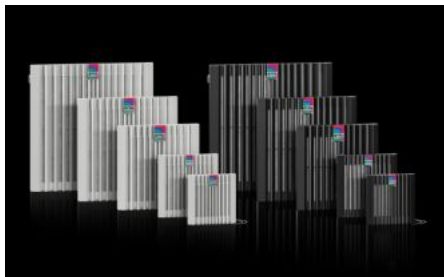
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3241.718 - Blue e+ fan-and-filter unit

Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 1160 m<sup>3</sup>/h, standard protection category IP 54.



## Features

Model No.	SK 3241.718
Design	wall-mounted
Product description	Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure.
Benefits	Maximum air throughput via pleated filter included in the delivered state Easy filter changes, thanks to a new opening mechanism on the louvred grille Faster installation on the enclosure with optimised detent hooks Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability Tool-free assembly
Colour	RAL 9005
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, shaded pole motor
Air throughput, unimpeded airflow (with chopped-fibre filter)	At 50 Hz: 225 m <sup>3</sup> /h At 60 Hz: 245 m <sup>3</sup> /h
Air throughput, unimpeded airflow (with pleated filter)	At 50 Hz: 272 m <sup>3</sup> /h At 60 Hz: 280 m <sup>3</sup> /h

# Features

Air throughput with matching outlet filter including chopped-fibre filter	At 50 Hz: 173 m <sup>3</sup> /h At 60 Hz: 187 m <sup>3</sup> /h
Air throughput with matching outlet filter including pleated filter	At 50 Hz: 242 m <sup>3</sup> /h At 60 Hz: 246 m <sup>3</sup> /h
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 43.4 W At 60 Hz: 52.2 W
Rated current max.	At 50 Hz: 0.54 A At 60 Hz: 0.6 A
Dimensions	Width: 255 mm Height: 255 mm Depth: 129 mm
Installation depth	108 mm
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm
IP protection category to IEC 60 529	IP54 with chopped-fibre filter/pleated filter IP55 with pleated filter and absorber mat IP56 with chopped-fibre filter/pleated filter and hose-proof hood
Protection category NEMA	Type 12 with chopped-fibre filter/pleated filter Type 3 Type 3R Type 4 Type 4X with chopped-fibre filter/pleated filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Note	With the fan-and-filter unit 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other fan-and-filter units, a screwless spring terminal is used
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	At 50 Hz: 53 dB(A) At 60 Hz: 54 dB(A)
Weight/pack	1.8 kg

# Features

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Packs of	1 pc(s).
Customs tariff number	84145915
EAN	4028177998032
ETIM 8	EC000320
ETIM 7.0	EC000320
ECLASS 8.0	27180716

# Approvals

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Approvals	CSA UL + C-UL - FTTA UR + C-UR (recognized)
Explanations	Declaration of conformity