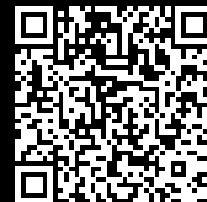


# Rittal – The System.

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## SK 3241.124

## TopTherm fan-and-filter units

State: 15/06/2022 (Source: [rittal.com/com-en](http://rittal.com/com-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3241.124 - TopTherm fan-and-filter units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 900 m<sup>3</sup>/h, standard protection category IP 54.



## Features

Model No.	SK 3241.124
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.
Colour	RAL 7035
Supply includes	Complete unit ready to install, including filter mat
Fan	Diagonal, DC motor
Air throughput with outlet filter including standard filter mat (quantity x order number)	1 x 3240200: 183 m <sup>3</sup> /h 2 x 3240200: 203 m <sup>3</sup> /h 1 x 3243200: 203 m <sup>3</sup> /h
Rated operating voltage	24 V (DC)
Rated current max.	With DC: 0.8 A
Power consumption Pel	With DC: 19 W
Dimensions	Width: 255 mm Height: 255 mm
Installation dimensions	Build depth: 25 mm Installation depth: 107 mm
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm

# Features

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
IP protection category to IEC 60 529	IP protection category to IEC 60 529: IP 54 with standard filter and additional fine filter mat: IP 55 with standard filter and hose-proof hood: IP 56
Protection category NEMA	Standard: Type 12 with standard filter and additional fine filter mat: Type 12 with standard filter and hose-proof hood: Type 3, 3R, 4, 4X
Pre-fuse	Miniature circuit-breaker/fuse: 2 A
Service life	75,000 h
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	With DC: 54 dB(A)
Packs of	1 pc(s).
Weight/pack	2.04 kg
Copper weight (kg per piece)	0
Customs tariff number	84145915
EAN	4028177652019
ETIM 7.0	EC000320
ECLASS 8.0	27180716

## Approvals

Approvals	Approvals CSA UL + C-UL - FTTA UR + C-UR
Explanations	Declaration of conformity Declaration of conformity UK

# Tender text

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.

Air throughput (unimpeded air flow): 230 m<sup>3</sup>/h

Power consumption: 19 W

Rated current: 0,8 A

Rated operating voltage: 230 V, 1~, 50/60 Hz

Fan: Diagonal, DC motor

Dimensions [WxH]: 255x255 mm

Build depth: 25 mm

Installation depth: 107 mm

Mounting cut-out [WxH]: 224x224 mm

Operating temperature range: -30°C to 55°C

Storage temperature range: -30°C to 70°C

Colour: RAL 7035

IP protection category to IEC 60 529: IP 54

with standard filter and hose-proof hood: IP 56

Protection category NEMA: Standard: Type 12

with standard filter and hose-proof hood: Type 3, 3R, 4, 4x

Noise level: 54 db(A)

Service life of fans: 75.000 h

Weight: 2,04 kg