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SK 3243.600

TopTherm filter fans

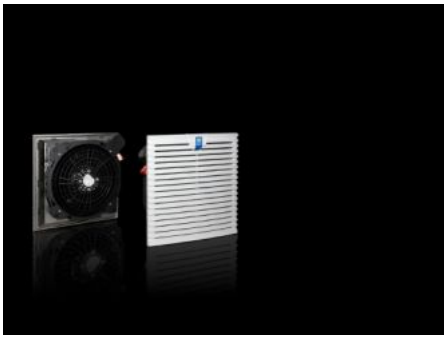
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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SK 3243.600 - TopTherm filter fans EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from 20 - 900 m³/h, standard protection category IP 54.


Features

Model No.	SK 3243.600
Design	wall-mounted EMC
Product description	EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.
Product modification	The cover for the connection clamp has not been part of the TopTherm filter fans since May 2024. In testing, it proved not to be necessary to meet the standard, and affects neither function nor operational reliability.
Colour	RAL 7035
Supply includes	Complete unit ready to install, including chopped-fibre filter mat
Fan	Diagonal, 1~ capacitor motor
Air throughput (unimpeded air flow)	At 50 Hz: 540 m³/h At 60 Hz: 590 m³/h
Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number)	1 x 3243060: 405/460 m³/h 2 x 3243060: 475/520 m³/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 0.37 A At 60 Hz: 0.39 A

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Features

Power consumption Pel	At 50 Hz: 70 W At 60 Hz: 87 W
Dimensions	Width: 323 mm Height: 323 mm
Installation dimensions	Build depth: 25 mm Installation depth: 118.5 mm
Mounting cut-out	Cut-out width: 292 mm Cut-out height: 292 mm
Note	To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays
IP protection category to IEC 60 529	IP 54 with chopped-fibre filter IP 56 with chopped-fibre filter and hose-proof hood
Protection category NEMA	Type 12 with chopped-fibre filter Type 3 Type 3R Type 4 Type 4X with chopped-fibre filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Service life of fans (L10, 40 °C)	At 50 Hz: 65,000 h At 60 Hz: 61,000 h
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	At 50 Hz: 59 dB(A) At 60 Hz: 61 dB(A)
Packs of	1 pc(s).
Net weight	3.636 kg
Gross weight	3.836 kg
Customs tariff number	84145915
ETIM 9	EC000320
ETIM 8	EC000320

Features

ECLASS 8.0	27180716
Product description	SK Fan-and-filter unit TopTherm, 540/590 m³/h, 230 V, 1~, 50/60 Hz, WHD: 323 x 323 x 25 mm, EMC

Approvals

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

Tender text

EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.
Air troughput (unimpeded air flow): 540 / 590 m3/h
Power consumption 50/60 Hz: 70 / 87 W
Rated power input 50/60 Hz: 0,37 / 0,39 A
Rated operating voltage: 230 V, 1~, 50/60 Hz
Diagonal fan: Diagonal, 1~ capacitor motor
Dimensions [WxH]: 323x323 mm
Installation depth: 118,5 mm
Build depth: 25 mm
Required mounting cut-out [WxH]: 292x292 mm
Operating temperature range: -30°C to +55°C
Storage temperature range: -30°C to +70°C
Colour: RAL 7035
Protection category IP to IEC 60 529:
IP 54 with fleece filter
IP 56 with fleece filter with hose-proof hood
Protection category NEMA:
Type 12 with fleece filter
Type 3, 3R, 4, 4X with fleece filter with hose-proof hood
Noise level 50/60 Hz: 59 / 61 dB(A)
Service life 50/60 Hz: 65.000 / 61.000 h
Weight: 3,56 kg

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