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SK 3241.110

TopTherm fan-and-filter units

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FRIEDHELM LOH GROUP



SK 3241.110 - TopTherm fan-and-filter units

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



Features

Model No.	SK 3241.110
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, shaded pole motor
Air throughput (unimpeded air flow)	Air throughput at 50 Hz: 230 m ³ /h Air throughput at 60 Hz: 250 m ³ /h
Air throughput with outlet filter including standard filter mat (quantity x order number)	1 x 3240200: 183/205 m ³ /h 2 x 3240200: 203/220 m ³ /h 1 x 3243200: 203/230 m ³ /h
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 0.52 A At 60 Hz: 0.48 A
Power consumption Pel	At 50 Hz: 40 W At 60 Hz: 42 W
Dimensions	Width: 255 mm Height: 255 mm

Features

Installation dimensions	Build depth: 25 mm Installation depth: 107 mm
Mounting cut-out	Cut-out width: 224 mm Cut-out height: 224 mm
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: 4 A
Service life of fans (L10, 40 °C)	At 50 Hz: 61,000 h At 60 Hz: 60,000 h
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise level	At 50 Hz: 54 dB(A) At 60 Hz: 56 dB(A)
Packs of	1 pc(s).
Weight/pack	2.26 kg
Copper weight (kg per piece)	0
Customs tariff number	84145915
EAN	4028177652002
ETIM 7.0	EC000320
ECLASS 8.0	27180716

Approvals

Approvals

Approvals

Approvals

CSA

UL + C-UL - FTTA

UR + C-UR

Explanations

Declaration of conformity

Declaration of conformity UK

Tender text

TopTherm fan-and-filter unit

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

Air throughput m³/h 230/250

Air throughput with 1 outlet filter: 183/195 m³/h

Air throughput with 2 outlet filters: 203/230 m³/h

Air throughput with 3 outlet filters: 203/230 m³/h

Rated operating voltage 115 V AC, 50/60 Hz

Dimensions W x H [mm]: 255 x 255

Required mounting cut-out W x H [mm] [mm]: 224 x 224

Build height [mm]: 25

Installation depth [mm]: 107

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

Operating temperature range (ambience): -30°C to +55°C

Protection category IP to IEC 60 529: IP 54

Protection category with hose-proof hood: IP 56

Fine filter mat and hose-proof hood IP 55

Colour RAL 7035