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SK 3243.100

TopTherm Filter Fan Units

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FRIEDHELM LOH GROUP

SK 3243.100 - TopTherm Filter Fan Units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 11.77 - 529.72 cfm, protection category IP 54 as standard.



Features

Model No.	SK 3243.100
Product description	Filter fans with diagonal fan technology are more pressure-resistant and produce more constant air performance. The diagonal outflow direction ensures a more uniform heat dissipation from the enclosure.
Color	RAL 7035
Supply includes	Complete unit ready to install, including fleece filter mat
Fan	Diagonal, 1~ capacitor motor
Unimpeded air flow (with fleece filter)	At 50 Hz: 540 m ³ /h At 60 Hz: 590 m ³ /h At 50 Hz: 317.8 cfm At 60 Hz: 347.3 cfm
Unimpeded air flow (with folded filter)	At 50 Hz: 625 m ³ /h At 60 Hz: 716 m ³ /h At 50 Hz: 367.86 cfm At 60 Hz: 421.42 cfm
Air throughput with outlet filter incl. fleece filter mat (quantity x order number)	1 x 3243200: 405/460 m ³ /h 2 x 3243200: 475/520 m ³ /h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz

Features

Rated power Pel	At 50 Hz: 70 W At 60 Hz: 87 W
Rated current max.	At 50 Hz: 0.37 A At 60 Hz: 0.39 A
Dimensions	Width: 323 mm Height: 323 mm Width: 12.7 " Height: 12.7 "
Installation depth	118.5 mm 4.67 "
Mounting cut-out	Width of opening: 292 mm Cut-out height: 292 mm Width of opening: 11.5 " Cut-out height: 11.5 "
Protection category IP to IEC 60 529	IP54 with fleece filter/folded filter IP55 with folded filter and absorber mat IP56 with fleece filter/folded filter and hose-proof hood
Protection category NEMA	Type 12 with fleece filter/folded filter Type 3, 3R, 4, 4X with fleece filter/folded filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Note	A folded filter can optionally be used to increase the air throughput (see characteristic curve). This can be used with both the filter & roof-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is made via 2 individual wires (length approx. 300 mm) on the unit, for all other filter fans, it's made via a spring-loaded terminal
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 -22 °F...131 °F
Storage temperature range	-30 °C...70 °C -22 °F...158 °F
Noise pressure level	At 50 Hz: 59 dB(A) At 60 Hz: 61 dB(A)

Features

Weight/packaging unit 3.58 kg
7.9 lb.

Packaging unit 1 pc(s).

Customs tariff number 84145915

EAN 4028177652101

E-Number Sweden E3404346

ETIM 8 EC000320

ETIM 7.0 EC000320

ECLASS 8.0 27180716

Approvals

Approvals CSA
UL + C-UL - FTTA
UR + C-UR (recognized)

Explanations Declaration of conformity
Declaration of conformity UK
