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SK 3237.100

TopTherm Filter Fan Units

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ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3237.100 - 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 3237.100
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	Axial, shaded pole motor
Unimpeded air flow (with fleece filter)	At 50 Hz: 20 m³/h At 60 Hz: 25 m³/h
Air throughput with outlet filter incl. fleece filter mat (quantity x order number)	1 x 3237200: 15/18 m³/h 2 x 3237200: 16/20 m³/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 12 W At 60 Hz: 10 W
Rated current max.	At 50 Hz: 0.065 A At 60 Hz: 0.07 A
Dimensions	Width: 116.5 mm Height: 116.5 mm

Features

Installation depth	43 mm
Mounting cut-out	Width of opening: 92 mm Cut-out height: 92 mm
Protection category IP to IEC 60 529	IP54 with fleece filter IP56 with fleece filter and hose-proof hood
Protection category NEMA	Type 12 with fleece filter Type 3, 3R with fleece filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 2 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: 55,000 h At 60 Hz: 60,000 h
Operating temperature range	-15 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise pressure level	At 50 Hz: 38 dB(A) At 60 Hz: 43 dB(A)
Weight/packaging unit	0.46 kg
Packaging unit	1 pc(s).
Customs tariff number	84145915
EAN	4028177637580
E-Number Sweden	E3404300
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