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SK 3241.100

TopTherm Filter Fan Units

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SK 3241.100 - 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 3241.100
Version	wall-mounted
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.
Product changes	Since May 2024, the cover for the connection terminal is no longer part of the TopTherm filter fan. During testing, it was found not to be required by the standards and does not impair function or operational safety.
Color	RAL 7035
Supply includes	Complete unit ready to install, including chopped fiber filter mat
Fan	Diagonal, shaded pole motor
Unimpeded air flow (with pleated filter)	At 50 Hz: 272 m³/h At 60 Hz: 272 m³/h At 50 Hz: 160.09 cfm At 60 Hz: 160.09 cfm
Unimpeded air flow (with chopped fiber filter)	At 50 Hz: 225 m³/h At 60 Hz: 245 m³/h At 50 Hz: 132.4 cfm At 60 Hz: 144.2 cfm
Air throughput with outlet filter incl. chopped fiber filter mat (quantity x order number)	1 x 3240200: 171/182 m³/h 2 x 3240200: 200/217 m³/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 40 W At 60 Hz: 42 W

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Features

Rated current max.	At 50 Hz: 0.26 A At 60 Hz: 0.24 A
Dimensions	Width: 255 mm Height: 255 mm Width: 10 ″ Height: 10 ″
Installation depth	107 mm 4.21 ″
Mounting cut-out	Width of opening: 224 mm Cut-out height: 224 mm Width of opening: 8.82 ″ Cut-out height: 8.82 ″
Protection category IP to IEC 60 529	IP 54 with chopped fiber filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof hood
Protection category NEMA	Type 12 with chopped fiber filter/pleated filter Type 3 Type 3R Type 4 Type 4X with chopped fiber filter/pleated filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 4 A
Note	A pleated 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: 61,000 h At 60 Hz: 60,000 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: 54 dB(A) At 60 Hz: 56 dB(A)

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Features

Packaging unit	1 pc(s).
Net weight	1.737 kg
Gross weight	2.36 kg
Customs tariff number	84145915
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716
Product description	SK Fan-and-filter unit TopTherm, 132.4/144.2 cfm 230 V, 1~, 50/60 Hz, WHD: 255 x 255 x 25 mm

Approvals

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