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SK 3244.140

TopTherm Filter Fan Units

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SK 3244.140 - 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 3244.140
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.
Color	RAL 7035
Supply includes	Complete unit ready to install, including fleece filter mat
Fan	Diagonal, three-phase motor
Unimpeded air flow (with fleece filter)	At 50 Hz: 700 m³/h At 60 Hz: 770 m³/h At 50 Hz: 412 cfm At 60 Hz: 453.2 cfm
Unimpeded air flow (with folded filter)	At 50 Hz: 855 m³/h At 60 Hz: 905 m³/h At 50 Hz: 503.23 cfm At 60 Hz: 532.66 cfm
Air throughput with outlet filter incl. fleece filter mat (quantity x order number)	1 x 3243200: 485/520 m³/h 2 x 3243200: 570/630 m³/h
Rated operating voltage	400 V, 3~, 50 Hz/60 Hz 460 V, 3~, 60 Hz
Rated power Pel	At 50 Hz: 93 W At 60 Hz: 140 W
Rated current max.	At 50 Hz: 0.17 A At 60 Hz: 0.21 A

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Features

Dimensions	Width: 323 mm Height: 323 mm Width: 12.7 ″ Height: 12.7 ″
Installation depth	130.5 mm 5.14 ″
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 Type 3R Type 4 Type 4X with chopped-fibre filter/pleated filter and hose-proof hood
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: 66,000 h At 60 Hz: 62,000 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: 67 dB(A) At 60 Hz: 70 dB(A)
Weight/packaging unit	4.1 kg 9 lb.
Packaging unit	1 pc(s).

Features

Net weight	4.5
Gross weight	4.8
Customs tariff number	84145915
EAN	4028177652200
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

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