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SK 3241.124 TopTherm Filter Fan Units

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FRIEDHELM LOH GROUP



SK 3241.124 - 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 3241.124
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 modification	<p>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.</p> <p>Le recouvrement pour la borne de raccordement ne fait plus partie des ventilateurs à filtre TopTherm depuis mai 2024. Lors de la vérification, il s'est avéré qu'elle n'est pas nécessaire d'un point de vue normatif et qu'elle ne constitue pas une altération de la fonction ni de la sécurité de fonctionnement.</p>
Color	RAL 7035
Supply includes	Complete unit ready to install, including chopped fiber filter mat
Fan	Diagonal, DC motor
Unimpeded air flow (with chopped fiber filter)	with DC: 225 m³/h
Unimpeded air flow (with pleated filter)	with DC: 272 m³/h
Air throughput with outlet filter incl. chopped fiber filter mat (quantity x order number)	1 x 3240200: 171 m³/h 2 x 3240200: 200 m³/h
Rated operating voltage	24 V (DC)
Rated power Pel	with DC: 19 W

Features

Rated current max.	with DC: 0.78 A
Dimensions	Width: 255 mm Height: 255 mm
Installation depth	107 mm
Mounting cut-out	Width of opening: 224 mm Cut-out height: 224 mm
Protection category IP to IEC 60529	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: 2 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
Operating temperature range	-30 °C...55 °C
Storage temperature range	-30 °C...70 °C
Noise pressure level	with DC: 54 dB(A)
Packaging unit	1 pc(s).
Net weight	1.82
Gross weight	2.029
Customs tariff number	84145915
EAN	4028177652019
E-Number Sweden	E3404345
ETIM 9	EC000320

Features

ETIM 8	EC000320
ECLASS 8.0	27180716

Approvals

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