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SK 3140.500
Roof-Mounted Fans

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FRIEDHELM LOH GROUP

SK 3140.500 - Roof-Mounted Fans with EC technology

The new generation of roof-mounted fans (EC version) is one system for all sizes: only one mounting cut-out is needed for all output categories. Air routing with minimal pressure losses ensures a high level of efficiency, while an innovative clamping attachment supports a high protection category of IP54. The fan may be activated via the control interface with tacho signal output integrated as standard, and monitoring of the fan speed and function is supported.

Features

Model No.	SK 3140.500
Version	roof-mounted EC
Product description	Energy-efficient and powerful roof-mounted fans. The fan may be activated via the control interface with tacho signal output integrated as standard. Also, monitoring of the fan speed and function is supported.
Material	Plastic ABS
Color	RAL 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Radial, EC motor
Unimpeded air flow (with pleated filter)	At 50 Hz: 976 m³/h At 60 Hz: 976 m³/h At 50 Hz: 574.45 cfm At 60 Hz: 574.45 cfm
Air flow (without filter in roof-mounted fan) with outlet filter incl. fleece filter mat	1 x 3243300: 690 m³/h
Air flow (with folted filter in roof-mounted fan) with outlet filter incl. fleece filter mat	1 x 3243300: 690 m³/h 2 x 3243300: 830 m³/h
Unimpeded air flow (without filter mats)	At 50 Hz: 1,069 m³/h At 60 Hz: 1,069 m³/h At 50 Hz: 629.19 cfm At 60 Hz: 629.19 cfm

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Features

Rated operating voltage	220 V - 240 V, 1~, 50 Hz/60 Hz
Rated power Pel	At 50 Hz: 129 W At 60 Hz: 129 W
Rated current max.	At 50 Hz: 1 A At 60 Hz: 1 A
Dimensions	Width: 400 mm Height: 133 mm Depth: 400 mm Width: 15.7 ″ Height: 5.24 ″ Depth: 15.7 ″
Installation depth	34.6 mm 1.36 ″
Mounting cut-out	Width of opening: 258 mm Depth of opening: 258 mm Width of opening: 10.2 ″ Depth of opening: 10.2 ″
Protection category IP to IEC 60 529	IP 21 without filter mat IP 54 including pleated filter
Protection category NEMA	NEMA 12
Control interface	Yes
Pre-fuse	Miniature circuit-breaker/fuse: 3 A
Note	A chopped fiber filter can be used to increase the protection category to IP 55 (see accessories). For even more efficient operation or for monitoring the fans, we recommend the use of an EC speed control
Service life of fans (L10, 40 °C))	At 50 Hz: 84,000 h At 60 Hz: 84,000 h
Operating temperature range	-20 °C...55 °C -4 °F...131 °F
Storage temperature range	-40 °C...70 °C -40 °F...158 °F
Noise pressure level	At 50 Hz: 60 dB(A) At 60 Hz: 60 dB(A)

Features

Packaging unit	1 pc(s).
Net weight	5.6 kg
Gross weight	5.82 kg
Customs tariff number	84145915
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716
Product description	SK roof-mounted fan TopTherm, 629.20/629.20 cfm 230 V, 1~, 50/60 Hz, WHD: 400 x 133 x 400 mm, EC-Technology

Approvals

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