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SK 3140.510 Roof-Mounted Fans

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FRIEDHELM LOH GROUP



SK 3140.510 - 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 tachometer signal output integrated as standard, and monitoring of the fan speed and function is supported.

Features

Model No.	SK 3140.510
Version	roof-mounted EC
Product description	Energy-efficient and powerful roof-mounted fans. The fan may be activated via the control interface with tachometer signal output integrated as standard. Also, monitoring of the fan speed and function is supported.
Material	Carbon steel
Color	RAL 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Radial, EC motor
Unimpeded air flow (with pleated filter)	At 60 Hz: 975 m ³ /h At 60 Hz: 573.86 cfm
Unimpeded air flow (without filter mats)	At 60 Hz: 1,069 m ³ /h At 60 Hz: 629.19 cfm
Air flow (with folded filter in roof-mounted fan) with outlet filter incl. fleece filter mat	1 x 3243200: 690 m ³ /h 2 x 3243200: 830 m ³ /h
Air flow (without filter in roof-mounted fan) with outlet filter incl. fleece filter mat	1 x 3243200: 690 m ³ /h
Rated operating voltage	115 V, 1~, 60 Hz
Rated power P _{el}	At 60 Hz: 112 W

Features

Rated current max.	At 60 Hz: 1.51 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: 82,000 h At 60 Hz: 82,000 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 60 Hz: 60 dB(A)
Packaging unit	1 pc(s).
Net weight	5.3
Gross weight	6

Features

Customs tariff number	84145915
EAN	4028177805767
ETIM 9	EC000320
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