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SK 3140.500 Roof-Mounted Fans

CLIMATE CONTROL

IT INFRASTRUCTURE SOFTWARE & SERVICES

State: 9/18/2025 (Source: rittal.com/us-en)

POWER DISTRIBUTION



FRIEDHELM LOH GROUP

ENCLOSURES

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	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 50 Hz: 976 m³/h At 60 Hz: 976 m³/h
	At 50 Hz: 574.45 cfm
	At 60 Hz: 574.45 cfm
Unimpeded air flow (without filter	At 50 Hz: 1,069 m³/h
mats)	At 60 Hz: 1,069 m³/h
	At 50 Hz: 629.19 cfm
	At 60 Hz: 629.19 cfm
Air flow (with folted filter in roof-	1 x 3243200: 690 m³/h
mounted fan) with outlet filter incl. fleece filter mat	2 x 3243200: 830 m³/h
Air flow (without filter in roof- mounted fan) with outlet filter incl. fleece filter mat	1 x 3243200: 690 m³/h

Features

At 60 Hz: 129 W Rated current max. At 50 Hz: 1 A Dimensions Width: 400 mm Height: 133 mm Depth: 400 mm Width: 15.7 " Height: 5.24 " 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: 10.2 " Protection category IP to IEC 60 IP 21 without filter mat 529 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 protect category to IP 55 (see accessories). For even more efficient operation or for monitoring the firecommend 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 At 60 Hz: 84,000 h Operating temperature range -20 °C55 °C -4 °F131 °F -20 °C55 °C		
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-4 °F131 °F		
Storage temperature range -40 °C70 °C		
-40 °F158 °F	5 1 5	
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
Gross weight	5.82
Customs tariff number	84145915
EAN	4028177709126
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716

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