SK 3244.900

Blue e+ filter fan

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SK 3244.900 - Blue e+ filter fan with EC technology

The energy-efficient version with EC technology stands out for more than just its unique IoT capabilities. The Blue e+ fan-and-filter unit unlocks countless other advantages, from energy efficiency, to monitoring and sustainability, through to a higher air throughput (175 – 1,160 m³/h).

Features

Model No.	SK 3244.900
Design	wall-mounted EC
Product description	Blue e+ fan-and-filter units achieve maximum air throughput because they use pleated filters as standard. The wide-range input (100-240 V) supports worldwide use. Activation and monitoring via a Modbus interface supports exclusive features (automatic filter cleaning, filter maintenance display, emergency cooling function).
Benefits	Maximum air throughput via pleated filter included in the delivered state Wide-range input 100 – 240 V IoT link enables exclusive features such as automatic filter cleaning, filter maintenance display, emergency cooling function Easy filter changes, thanks to a new opening mechanism on the louvred grille Faster installation on the enclosure with optimised detent hooks Diagonal fan technology achieves more even and constant ventilation of the enclosure, thanks to improved pressure stability Tool-free assembly
Material	Plastic

Features

Colour	RAL 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, EC motor
Air throughput, unimpeded airflow (with chopped-fibre filter)	At 50 Hz: 700 m³/h
Air throughput, unimpeded airflow (with pleated filter)	At 50 Hz: 867 m³/h At 60 Hz: 867 m³/h
Air throughput with matching outlet filter including chopped-fibre filter	At 50 Hz: 535 m³/h
Rated operating voltage	100 V - 240 V, 1~, 50 Hz/60 Hz
Power consumption Pel	At 50 Hz: 116.4 W
Rated current max.	At 50 Hz: 1.97 A
Dimensions	Width: 323 mm Height: 323 mm Depth: 161 mm
Installation depth	141 mm
Mounting cut-out	Cut-out width: 292 mm Cut-out height: 292 mm
IP protection category to IEC 60 529	IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hood
Protection category NEMA	Type 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood
Pre-fuse	Miniature circuit-breaker/fuse: 6 A
Operating temperature range	-25 °C...55 °C
Storage temperature range	-25 °C...70 °C
Noise level	At 50 Hz: 66 dB(A)

Features

Interfaces	0 - 10 V/PWM input Speed output Floating fault signal contact RS485 (ModBus)
Packs of	1 pc(s).
Net weight	4.15
Gross weight	4.248
Customs tariff number	84145915
EAN	4028177997844
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