

EVWS range

AXIAL EXTRACT FANS



Description

EVWS : Wall/Window mounted Axial Extract fan with Internal Automatic shutter.
 EVWS/S : Wall/Window mounted Axial Extract fan with Internal Automatic shutter And external gravity shutter.
 EVWS/G : Wall/Window mounted Axial Extract fan with Internal Automatic shutter And external fixed grille.

APPLICATION

Ideal for air-extraction in bathroom, toilet and small/medium premises.
 Suitable to extract stale air directly to the outside or through short length ducting. Units can be wall/panel, ceiling and window mounted.

SPECIFICATION

Casing made of high quality ABS provides long lasting shock-proof and robust construction. The unit are finished in white RAL 9010 and are UV resistant.

Unique design winglet-type impeller, providing enhanced aerodynamic properties, low noise and increased efficiency.

Single-phase induction motors with integral thermal protection, mounted on sealed for life high quality sleeve bearings. Suitable for continuous and intermittent running.

FEATURES & BENEFITS

IPX4 protection degree

Automatic shutters for smooth and silent operation via integral thermo-actuator.
 Tight closing of the shutters to prevent air flowing back from outside when the fan is off.

Totally recyclable plastic components, environmentally friendly.

Double insulated: no earth connection is required.

Tested to the latest standards: units are tested in the TÜV Rheinland recognised laboratory, meaning accurate, up to date information on electrical safety, performance and noise level that can be relied upon. Designed and manufactured in accordance with EN60335-2-80 (Low Voltage Directive) and the EMC Directive (Electromagnetic Compatibility).

VERSIONS

Basic

The fan is operated via a separate ON/OFF switch or the light switch.

Run-on timer

The fan is equipped with a timer circuit adjustable from ± 1' to 25'. Operation: after switching on, the fan continues to run for the pre-set period of time.

Humidistat & timer

The fan is provided with an electronic circuit having a humidity sensor on board (adjustable from 50% to 95% RH) and a timer, adjustable from ± 1' to 25'.

Operation: when the percentage of relative humidity is higher/lower than the pre-set threshold, the fan is automatically activated/ deactivated. After switching on, the fan continues to run for the pre-set period of time.

Pull cord

The fan is operated via the integrated ON/OFF pull cord switch.

Humidistat-timer-pull cord

The fan is provided with an electronic circuit having a humidity sensor on board (adjustable from 50% to 95% RH) and a timer, adjustable from ± 1' to 25'.

Operation: when the percentage of relative humidity is higher/lower than the pre-set threshold, the fan is automatically activated/ deactivated. After switching on, the fan continues to run for the pre-set period of time. The integrated pull cord switch activates/ deactivates the fan manually.

OPTIONS

Ball bearing motor

Ball bearing motor type to assure a longer fan life (30.000h): ideal for cold climates.

APPLICATIONS & MODEL VERSIONS

Model	Location	B	PC	T	HT	HTPC
EVWS 100	Bathroom	•	•	•	•	•
EVWS 120	Utility	•	•	•	•	•
EVWS 150	Kitchen	•	•	•	•	•

B- Basic, PC- Pull cord, T- Run on timer, HT- Humidistat/Timer, HTPC- Humidistat/Timer/ Cord

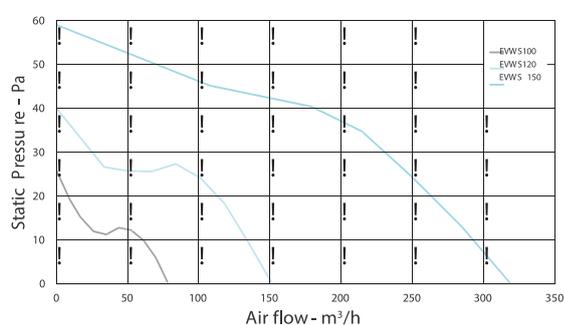


Performance

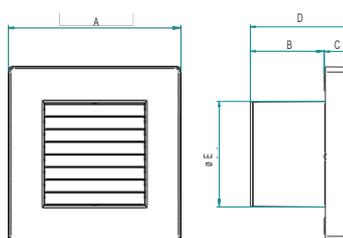
Model	EVWS 100	EVWS 120	EVWS 150
Airflow m ³ /h / cfm	83/48	151/88	320/188
Static pressure Pa max	27	40	59
Power W max	11	16	26
Sound Pressure dB(A) @3m	33	38	43
Ambient temperature °C max	50	50	50

- rated 220-240 V ~ 50-60Hz
- air performance measured according
- data measured in the TÜV Rheinland
- product certified by TÜV Rheinland

Performance Curves

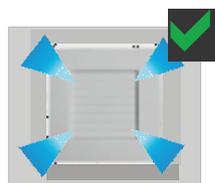


Dimensions (mm)



Code	EVWS 100	EVWS 120	EVWS 150
A	164	184	218
B	70	81	97
C	29	30	32
D	99	111	129
Ø E	99	119	148

Installation



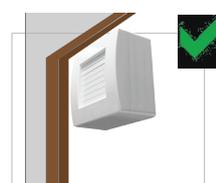
central extraction



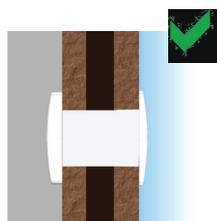
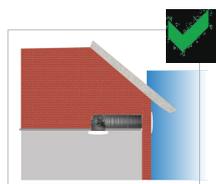
wall/panel



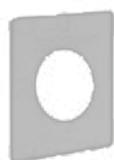
ceiling



window



Accessories



CG ceiling gasket



S window kit with external gravity shutters



G window kit with external fixed grille



ES external gravity shutter