

# EVW range

## AXIAL EXTRACT FANS



### Description

- EVW** : Wall mounted axial extract fan.
- EVW/S** : Wall mounted axial extract fan with external gravity shutter.
- EVW/G** : Wall mounted axial extract fan with 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

**Stylish bright finishing of the front cover** to meet any modern interior design requirement.

**Aerodynamic-shaped inlet and front deflectors** to optimize the efficiency and the acoustic comfort.

**Rigid optimised spigot support** preventing distortion with strengthened guard and design to maximise airflow.

**Integral back-draught shutter** on request to prevent air flowing back into the room when the fan is on.

**Low power consumption:** 100mm model has less than 8 watts operating power consumption for energy saving.

**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, 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** type to assure a longer fan life (30.000h): ideal for cold climates.

Different voltage and frequency motors can be offered to meet specific needs.

### APPLICATIONS & MODEL VERSIONS

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

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

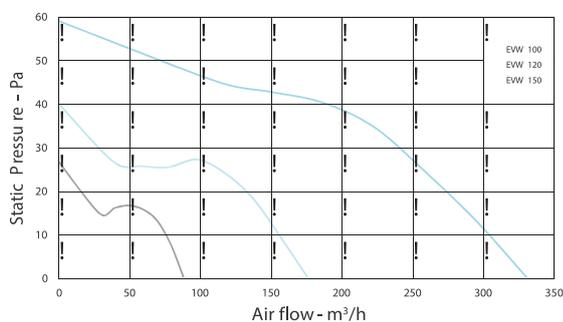


## Performance

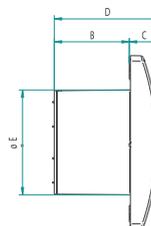
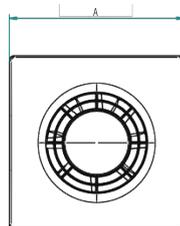
Model	EVW 100	EVW 120	EVW 150
Airflow m <sup>3</sup> /h / cfm	88/51	175/102	330/194
Static pressure Pa max	27	40	59
Power W max	8	14	24
Sound Pressure dB(A) @3m	26	33	42
Ambient temperature °C max	50	50	50

- rated 220-240 V ~ 50-60Hz
- air performance measured according to ISO 5801 at 230V 50Hz, air density 1,2 Kg/m<sup>3</sup>
- data measured in the TÜV Rheinland recognised laboratory .
- product certified by TÜV Rheinland

## Performance Curves



## Dimensions (mm)



Code	EVW 100	EVW 120	EVW 150
A	164	184	218
B	70	81	97
C	28	27	27
D	98	108	124
Ø E	99	119	148

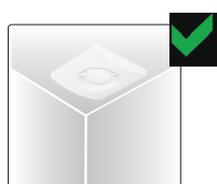
## Installation



central extraction



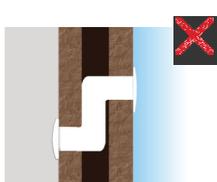
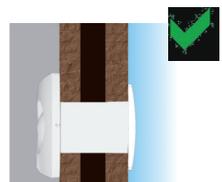
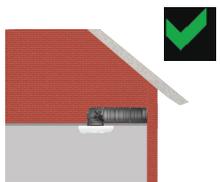
wall/panel



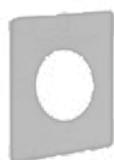
ceiling



window



## Accessories



CG ceiling gasket



S window kit with external gravity shutters



G window kit with external fixed grille



ES external gravity shutter