



## CENTRIFUGAL BOX FAN

### APPLICATION

Centrifugal box fans for ceiling or floor installation, in horizontal or vertical position.

Suitable to extract air through long round ducts, in commercial and industrial premises.

### SPECIFICATION

**Outer fan casing** manufactured from powder coated galvanised sheet steel providing long lasting and robust construction. The unit is finished in white RAL 9010.

**External rotor motor** provided with integral thermal protection, mounted on sealed for life ball bearings and anti-vibration mounting feet.

**Centrifugal impeller** dynamically balanced and directly driven by the motor to provide a smooth airflow through the unit.

### FEATURES & BENEFITS

**Ease of installation:** wall fixing eyelets are part of the fan body.

**Compact profile** to fit in narrow spaces like false-ceiling, loft spaces or cupboard.

**Top cover** easily removable for inspection and maintenance.

**Acoustic self extinguishing foam lining** for sound attenuation.

**Tested to the latest standards:** units are tested in the TÜV Rheinland recognised laboratory at Aerauliqa, 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).

### MODELS

#### QBX...AC 3V

Equipped with 3 speed AC motor type and centrifugal back-curved impeller. 3 speed operation with remote selector SEL-3V.

#### QBX...EC

Equipped with high efficient EC motor type and centrifugal forward-curved impeller.

Operation options:

- One speed.
- Two speed.
- Variable speed with remote control CTRL-M.
- Variable speed with remote home automation system (BMS) or ballast potentiometer.
- 3 speed with remote selector SEL-3V.

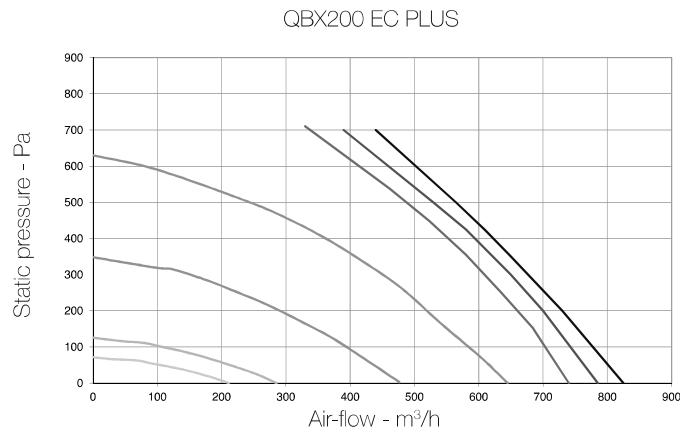
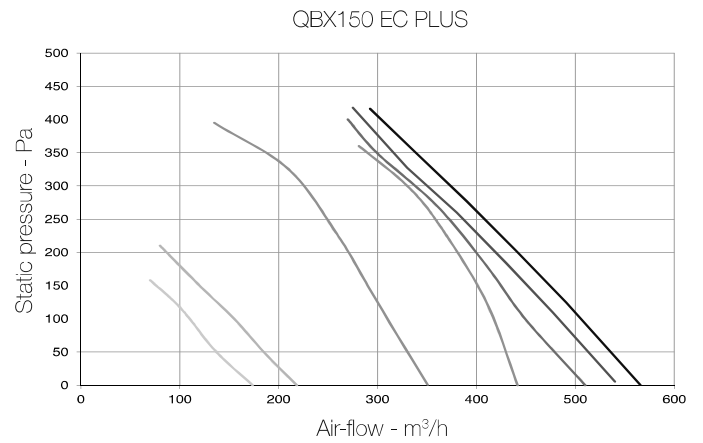
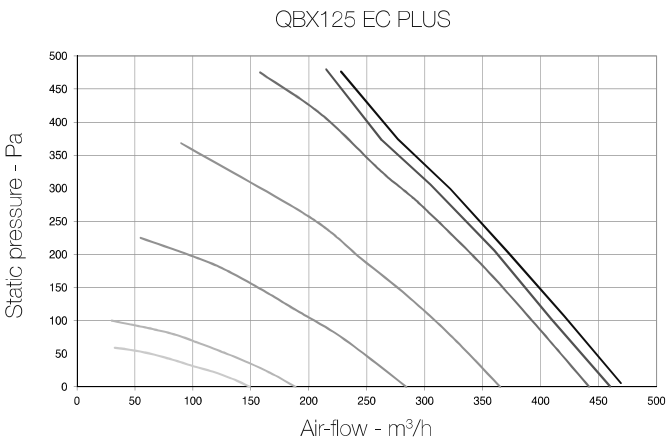
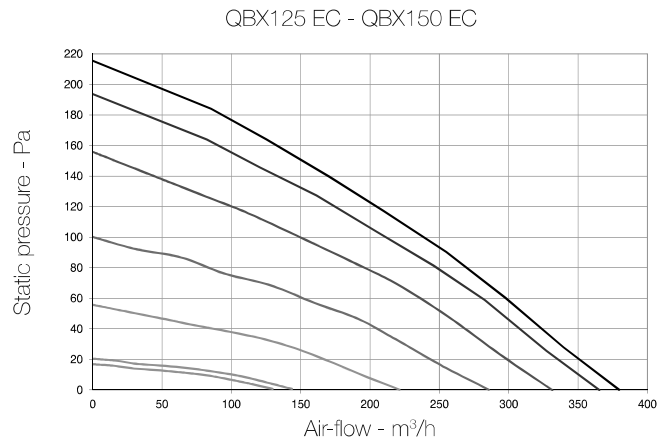
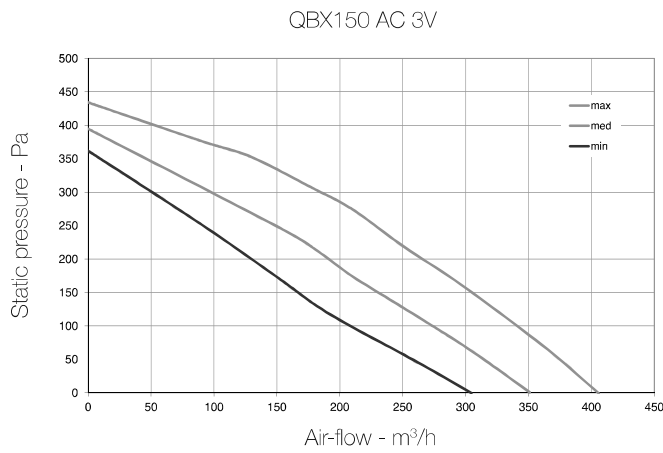
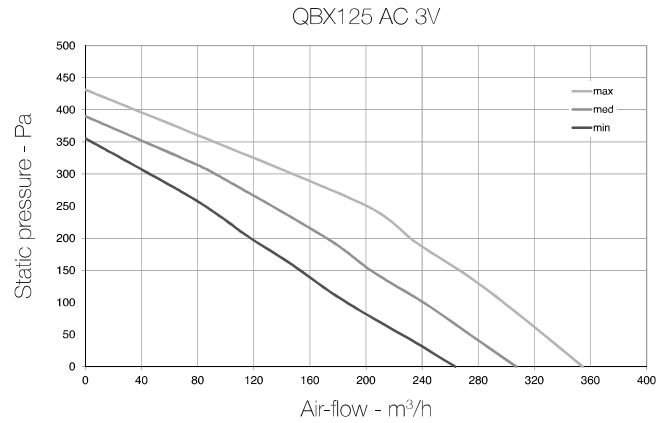
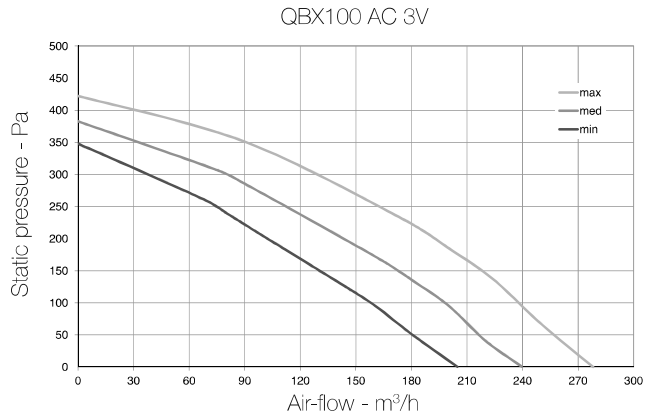
#### QBX...EC PLUS

Equipped with high efficient EC motor type and centrifugal back-curved impeller.

Operation options:

- One speed.
- Two speed.
- Variable speed with remote control CTRL-M.
- Variable speed with remote home automation system (BMS) or ballast potentiometer.
- 3 speed with remote selector SEL-3V.

## Performance curve



## Performances

Model	QBX100 AC 3V	QBX125 AC 3V	QBX150 AC 3V
Air-flow m <sup>3</sup> /h	278/240/205	355/307/264	406/351/303
Static pressure Pa	422/383/350	432/390/356	435/395/363
Power consumption W	63/51/48	63/51/48	63/51/48
Sound pressure dB(A) @3m	37/36/35	41/38/34	41/37/33
Ambient temperature °C max	50	50	50
Marking	CE	CE	CE

Model	QBX125-150EC	QBX125EC PLUS	QBX150EC PLUS	QBX200EC PLUS
Air-flow m <sup>3</sup> /h	380	470	566	825
Power consumption W	36	83	83	177
Sound pressure dB(A) @3m	63	68	68	41
Ambient temperature °C max	50	50	50	50
Marking	CE	CE	CE	CE

(1) sound pressure level @ 3m in free field, breakout, speed 40%, for comparative purposes only

## Dimensions (mm) and Weight (kg)

