

CENTRIFUGAL EXTRACTORS

EB and EBB Series



EB-100



EB-250



EBB-175 and 250

Description

The EB and EBB range of centrifugal extractor fans are suitable for many domestic general ventilation applications where higher system resistance pressures are encountered. The range comprises of two models types, the EB and EBB, each available with a variety of fan function options. Both the EB and EBB models incorporate powerful forward curved centrifugal fans with single phase shaded pole type motors. In addition the EBB series offers a safety power-cut-off feature that isolates the fan from the electrical supply when the front cover is removed.

A wide range of accessories are available to compliment the fan range including metallic grease filters and installation hardware. Airflow performance ranges from 100 to 250 m³/h.

Range

The EB and EBB range comprise of the following models:

- EB-100 and EB-250.
- EBB-175 and EBB-250.

The EB-100 and EB-250 are available in three versions:

- EB-100 S and EB-250 S are the standard models delivering maximum airflows of 110 and 225 m³/h respectively.
- EB-100 T and EB-250 T have the same characteristics as the standard models and in addition incorporate an adjustable electronic Run-On-Timer. Adjustable between 5 to 25 minutes (factory setting is 15 minutes).
- EB-100 HT and EB-250 HT have the same characteristics as the "T" models and in addition incorporate an internal Humidistat that automatically switches on the unit when the relative humidity level rises above the selected set level adjustable between 65% and 90% RH.

The EBB-175 and EBB-250 are available in two versions:

- EBB-175 S and EBB-250 S are the standard models
- EBB-175 T and EBB-250 T have the same characteristics as the standard models and in addition incorporate an adjustable Run-On-Timer. Adjustable between 2 to 20 minutes (factory setting is 15 minutes).

Construction

EB-100 and EB-250

All EB models incorporate powerful double inlet forward curved impellers which develop substantial pressure development suitable for ducted systems. All models are supplied as standard with a back draught shutter located in the fan exhaust spigot.

All models incorporate single-phase 230V 50Hz, shaded pole, electric motors and are fitted as standard with a self-resetting Thermal Overload Protection device.

The EB extractor range is supplied with Class II (▲) grade electrical insulation. All models incorporate a red neon light indicating "fan-on" status.

EBB-175 and EBB-250

All EBB models incorporate powerful single inlet forward curved impellers which develop substantial pressure development suitable for ducted systems. All models are supplied as standard with a back draught shutter located in the fan exhaust.

All models incorporate single-phase 230V 50Hz, shaded pole, electric motors and fitted as standard, with a self-resetting Thermal Overload Protection device.

The EBB extractor range is supplied with Class II (▲) grade electrical insulation. All models incorporate a red neon light indicating a "fan-on" status. In addition the EBB range includes a "safety power cut-off," mechanism that switches the power off from the fan when the front grille is removed. This enables safe cleaning of the fan impeller and front grille.

The EBB-250 models incorporate a metallic grease filter as standard. This filter can be removed for cleaning or replacement as necessary.

EB-100



Applications

The EB-100 extractor fan is ideal for domestic applications such as the ventilation of toilets and bathrooms or any small room requiring the extraction of air borne odours and moisture.

The high pressure development generated by the EB-100 offers effective operation when used with relatively long runs of ducting.

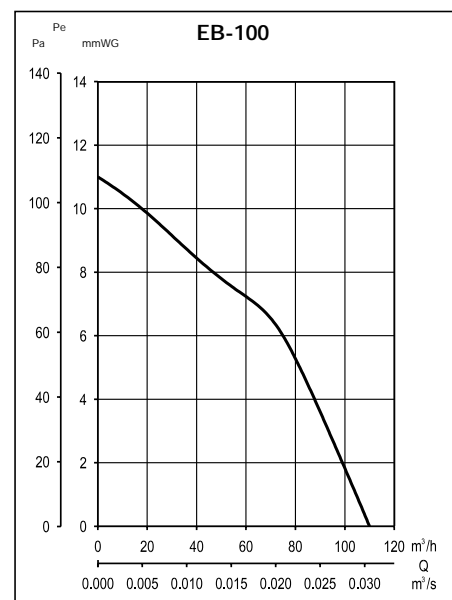
Versions

Features	EB-100		
	S	T	HT
Neon light	•	•	•
Back-draught shutter	•	•	•
Adjustable Run-On-Timer		•	•
Internal humidistat			•

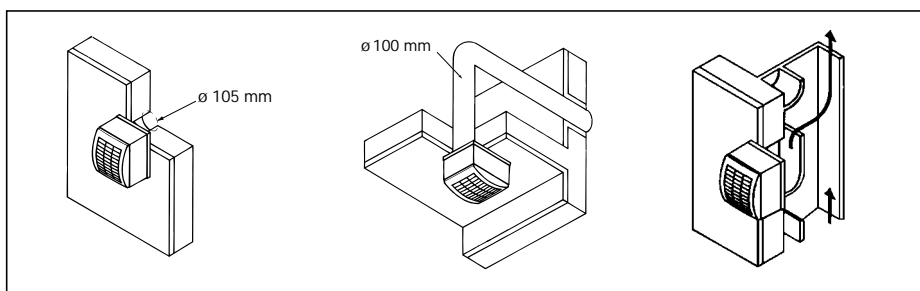
Technical characteristics

Type	Speed (r.p.m.)	Power abs. at free discharge libre (W)	Voltage (V) 50 Hz	Duty at free discharge (m ³ /h)	Sound pressure level (dB(A))	Weight (kg)
EB-100	2250	30	220-240	110	45,5	1,1

Performance curve



Installation



Accessories



GSA 100
Flexible aluminium duct



GRA-70
Aluminium exterior grille



CX 125
Worm drive ducting clips

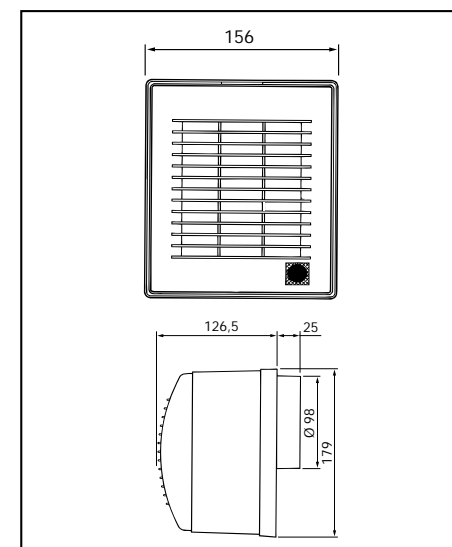


MRT
Duct joining piece

Falta foto

EB-100 Filter
Metallic grease filters

Dimensiones (mm)



EB-250



Applications

The EB-250 extractor fan is ideal for larger domestic applications such as the ventilation of toilets, bathrooms and kitchens or any small room requiring the extraction of air borne odours and moisture.

The high pressure development generated by the EB-250 offers effective operation when used with relatively long runs of ducting.

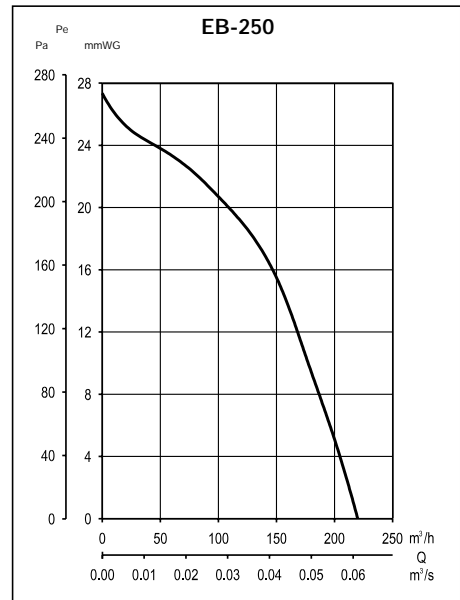
Versions

Features	EB-250		
	S	T	HT
Neon light	•	•	•
Back-draught shutter	•	•	•
Adjustable Run-On-Timer		•	•
Internal humidistat			•

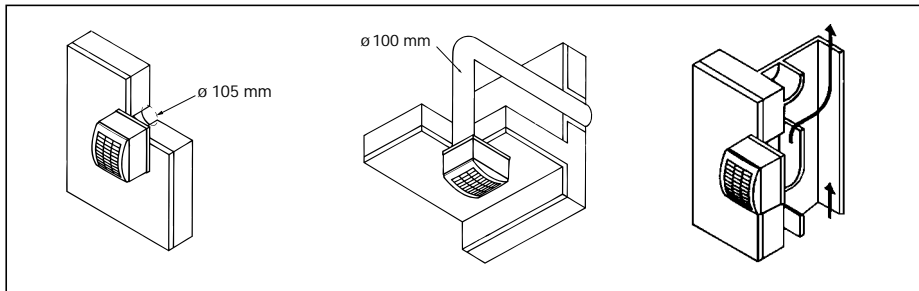
Technical characteristics

Type	Speed (r.p.m.)	Maximum power absorbed (W)	Mains supply at 50 Hz (V)	Maximum air flow (m ³ /h)	Sound pressure level (dB(A))	Weight (kg)
EB-250	2200	87	220-240	225	52	2,6

Performance curve



Installation



Accessories



GSA-100
Flexible aluminium duct



GRA-70
Aluminium exterior grille

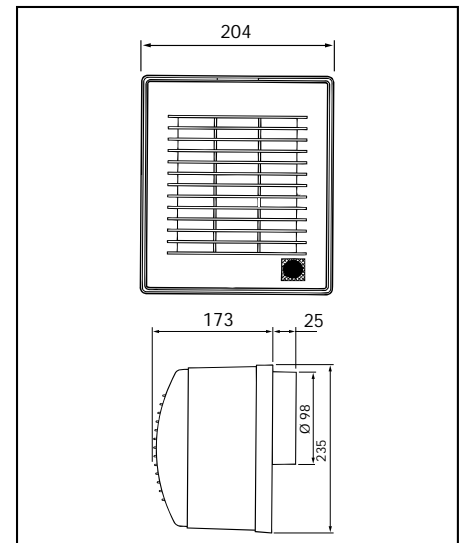


CX-125
Worm drive ducting clips



MRT
Duct joining piece

Dimensions (mm)



EBB-175 / EBB-250



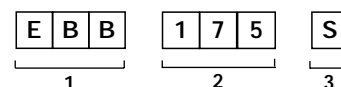
Applications

The EBB-175 and EBB-250 extractor fans are suitable for many domestic and commercial ventilation applications including the ventilation of: WC's, bathrooms domestic kitchens, offices or any small room requiring the extraction of airborne odours and moisture. All models incorporate a safety power cut-off mechanism, which isolates the fan from the electrical supply when the front grille is removed.

The high pressure development generated by the EBB models offers effective operation when used with relatively long runs of ducting.

Models EBB-250 S and EBB-250 T are fitted with metallic removable grease filters.

Reference



- 1 - Range
- 2 - Maximum airflow
- 3 - Model type
 - S : Standard model
 - T : Adjustable Run-On-Timer model

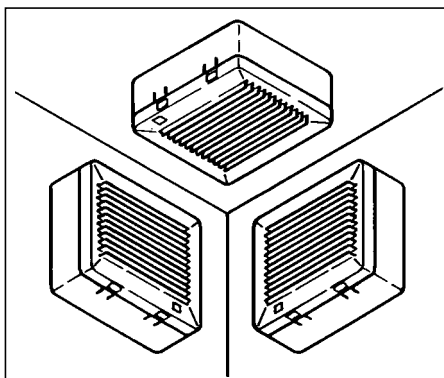
Technical characteristics

Type	Speed (r.p.m.)	Potencia absorbida descarga libre (W)	Voltage (V) 50 Hz	Maximum air flow (m ³ /h)	Sound pressure level (dB(A))	Weight (kg)
EBB-175	1400	70	220-240	175	45	2,2
EBB-250	1800	125	220-240	250	52	2,2

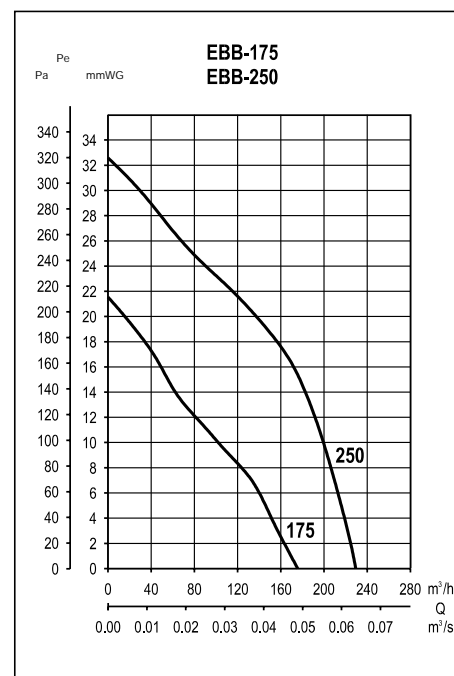
Versions

Feature	EBB-175 EBB-250	
	S	T
Neon light	•	•
Back-draught shutter	•	•
Adjustable Run-On-timer		•

Installation



Performance curve



Accessories



REB
Electronic single-phase
speed controllers



MRT
RED
Duct joining piece



GSA
Aluminium flexible
ducting



CX
Worm drive
duct connection
clips



GRA
Aluminium exterior grille

Dimensions (mm)

