

envirovent®

EBB N RANGE

Centrifugal WC, Bathroom & Kitchen Fan



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About

The EBB N extractor fans are suitable for WC, bathroom and kitchen applications where higher system resistance pressures are encountered.

The fans incorporate 230V-50Hz two and three speed motors depending on the model. All models have Class II insulation and have a maximum operating temperature of 40°C.

- Sealed for life ball bearings
- Two or Three speed
- IP44 rated
- Automatic backdraught shutter as standard
- 2 year warranty
- High performance



Features

Adjustable Run-On Timer



Adjustable Run-On Timer from 1-30 minutes.

Humidity Sensor



Internal humidity sensor which automatically switches on the unit when the relative humidity rises above the selected set level.

Multi Speed



The EBB-100N-S, T and HT come with a two speed motor. The EBB-170N-HT and EBB-250N-HT come with three speed motors.



The EBB N range has a variety of sizes and models with additional features, making it a perfect solution for many different scenarios. The forward curved impeller makes it ideal for systems with longer duct runs and higher resistances.

ORDER CODE	EBB 100 N-S	EBB 100 N-T	EBB 100 N-HT	EBB 170 N-HT	EBB 250 N-HT
Automatic Backdraught Shutter	•	•	•	•	•
Two Speed	•	•	•		
Three Speed				•	•
Adjustable Run-On Timer		•	•	•	•
Humidity Sensor			•	•	•

Backdraught Shutter

The EBB N fans are fitted with an automatic back draft shutter to prevent air entry and limit heat leakage when the extractor is not operating.

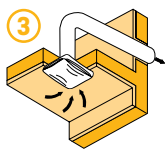
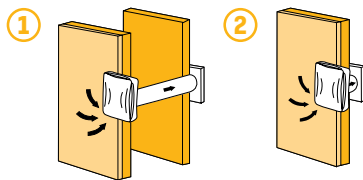


Forward Curved Centrifugal Impeller

To deliver high performance with a minimum noise level against high static pressure system resistance.



Installation Options



- 1 Extract ventilation through short duct.
- 2 Extract ventilation through double walls using the EnviroVent 100mm wall kit
- 3 Ceiling or wall mounted extract ventilation

Technical Specification

Product

The EBB N Range are centrifugal extract fans ideally suited for WC, bathrooms and kitchens where higher system resistances are encountered. The fans are fitted with an automatic backdraught shutter as standard.

Applications

The EBB N Range of fans can be mounted on a wall or ceiling and are ideally suited for WC, bathroom & kitchen ventilation.

Installation

Full installation guide is enclosed with all products; or sent separately in advance - if required.

Motor

230V-50Hz 2-speed motor (EBB-100N-S, T and HT).
230V-50Hz 3-speed motor (EBB-170N-HT and EBB-250NHT)

Fan

Incorporates a powerful forward curved centrifugal impeller to deliver high performance against high static pressure resistance.

Performance

MODEL		EBB 100 N	EBB 170 N	EBB 250 N
SPEED (RPM)	LS	1040	910	930
	MS	-	850	990
	HS	1500	1120	1240
WATTS (W)	LS	15	31	31
	MS	-	38	41
	HS	29	48	53
VOLTAGE (V) 50Hz		230	230	230
AIRFLOW l/s (m ³ /h)	LS	19 (70)	25 (90)	38 (140)
	MS	-	44 (160)	58 (210)
	HS	31 (110)	64 (230)	78 (280)
dB(A) @ 1.5m	LS	34	34	37
	MS	-	37	36
	HS	44	43	46
WEIGHT (Kg)		1.8	3	3
IP RATING		IP44	IP44	IP44
Ø DUCT (mm)		100	100	100

Servicing / Maintenance

For cleaning purposes, the outer grille should be removed. The filter and the grille may be cleaned by hand in hot soapy water and the extractor housing wiped with a damp cloth.

Warranty

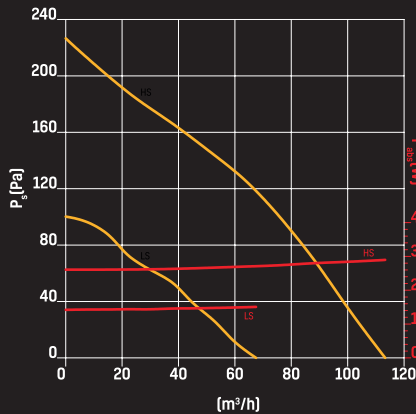
Is covered by a 2 year warranty subject to the specified maintenance.

Compliance

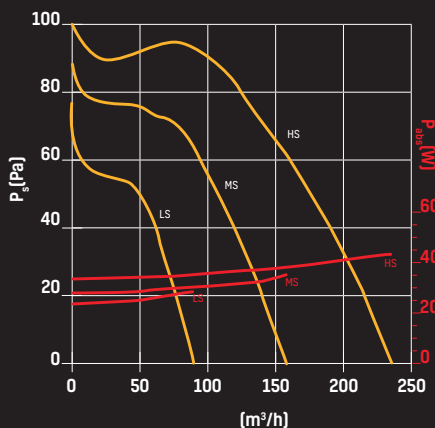
CE Marked.

Performance Curve

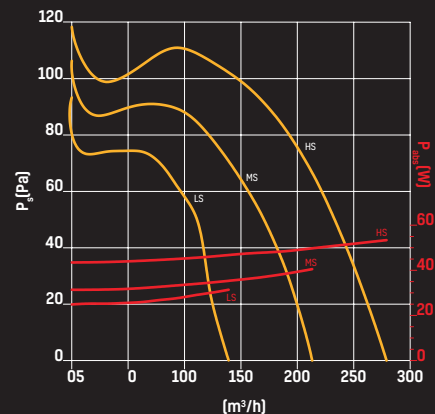
EBB 100 N



EBB 170 N

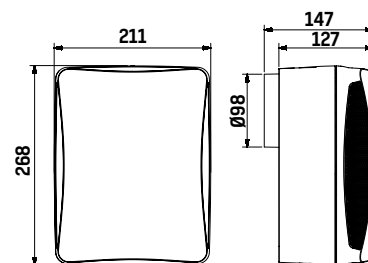


EBB 250 N

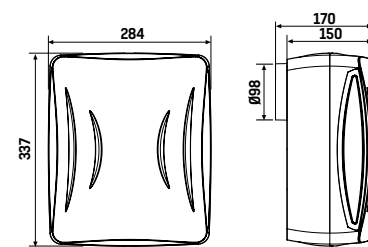


Dimensions (mm)

EBB 100 N



EBB 170 N & 250 N



Options & Ancillaries

DESCRIPTION	CODE(S)
STANDARD WALL KIT	1RDEFWAK100
HIGH RISE PUSH THROUGH KIT	1RDEFPTK
ROUND DUCTING CHANNEL	1RD100X2M
CONDENSATION TRAP	1RDCONTRAP100
FIXED LOUVER GRILL	1RDGRILL100
FLAT CHANNEL DUCTING	1FD204X602M
SLIMLINE AIRBRICK	1ACHORLOUV

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