EBB-100 N

EBB-170 N
and EBB-250 N

2 SPEEDS

3 SPEEDS

The EBB-N extractor fans are suitable for many domestic and commercial ventilation applications where higher system resistance pressures are encountered. The range comprise of three models, EBB-100N, EBB-170N and EBB-250N, each available in different versions. The EBB-N models incorporate a forward curved centrifugal impeller with 2-speed (EBB-100 N) or 3-speed (EBB-170 N / EBB-250 N), single phase motor 230V50Hz, 4-pole (EBB-170N and 250N) or 2-pole motor (EBB-100N). IP44. Class II. Housing and impeller made in polypropylene. Suitable to operate with air temperature up to 40ºC.

Filters
Two metal filters (inox for models 170 and 250) that keep out dust and dirtin the exhaust.

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

2 Back draft shutter
2 back draft shutter of Ø80 and Ø100 mm.

Forward curved centrifugal impeller
To deliver high performance with a minimum noise level against high static pressure system resistance.

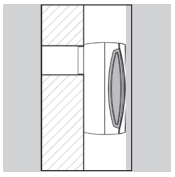
FEATURES

EBB-100 N	S	T	H
2 BACKDRAUGHT SHUTTERS	●	●	●
FILTER	●	●	●
TWO SPEED MOTOR	●	●	●
ADJUSTABLE RUN-ON-TIMER		●	●
INTERNAL HUMIDISTAT			●
WIRING DIAGRAM*	7, 8, 9, 10	4, 5	1, 4

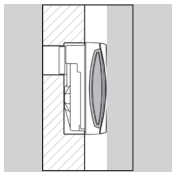
EBB-170 N / EBB-250 N	S	T	H
BACKDRAUGHT SHUTTER	●	●	●
INOX FILTERS	●	●	●
THREE SPEED MOTOR	●	●	●
ADJUSTABLE RUN-ON-TIMER		●	●
INTERNAL HUMIDISTAT			●
2-POSITION INTEGRATED SWITCH		●	●
WIRING DIAGRAM*	53, 54, 57	4, 5	1, 4

*See section of Wiring Diagrams.

Examples of installation



Surface



Built-in

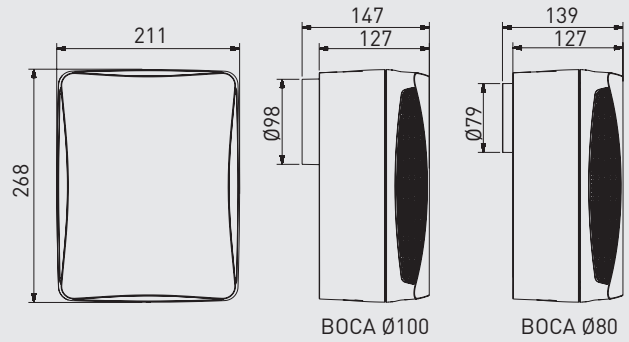
TECHNICAL CHARACTERISTICS

Model type	Speed (rpm)		Maximum power absorbed (W)	Maximum current absorbed (A)	Maximum air volume (m³/h)	Sound pressure level* (dB(A))	Insulation IP	Ø duct (mm)	Weight (kg)	Wiring diagram** (nº)
EBB-100N	HS	1500	29	0,13	110	44	Class II/IP44	100/80	1,8	57
	LS	1040	15	0,06	70	34				
EBB-170N	HS	1120	48	0,23	230	43	Class II/IP44	100	3	57
	MS	850	38	0,16	160	37				
	LS	910	31	0,13	90	34				
EBB-250N	HS	1240	53	0,23	280	46	Class II/IP44	100	3	57
	MS	990	41	0,17	210	36				
	LS	930	31	0,13	140	37				

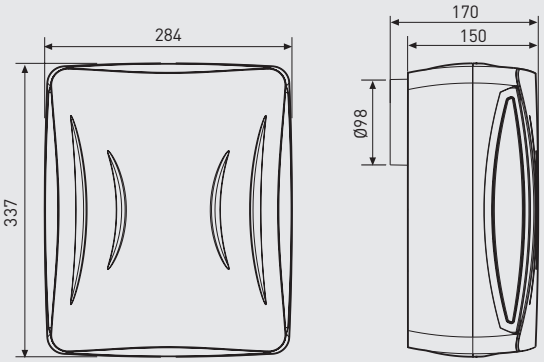
* Sound pressure level measured at 1,5 m at the inlet, in free field conditions.
** See section of Wiring Diagrams.

DIMENSIONS (mm)

EBB-100 N



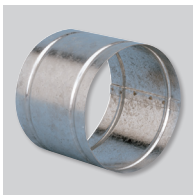
EBB-170 N and accessories EBB-250 N



ACCESSORIES

GSA-100
Flexible aluminium ducting.

GRA-70
Aluminium external grille.



MRT-100
Circular duct joining piece.

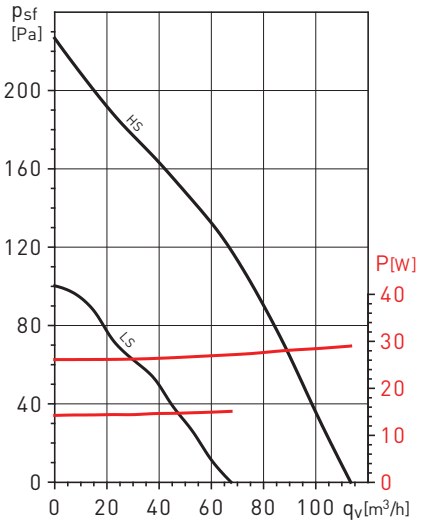
CX-80/125
Worm drive ducting clip.

REB
Single phase electronic speed controllers.

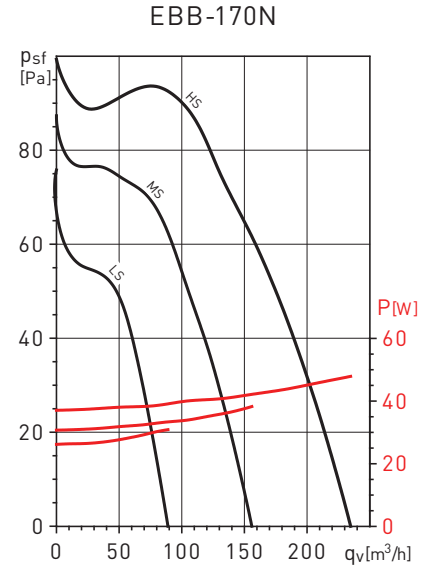
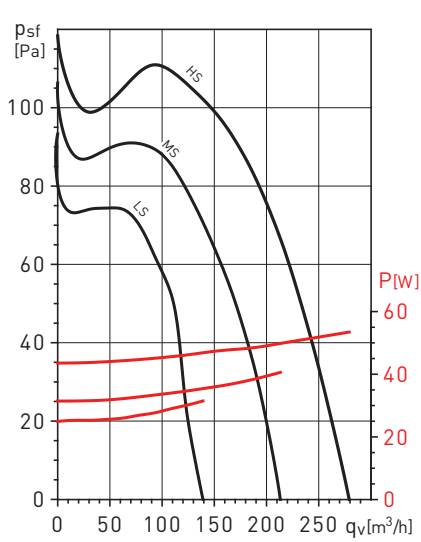
REGUL-2
Two speed switch.

PERFORMANCE CURVE

EBB-100N



EBB-170N



EBB-250N