



EBB 100N



EBB 170N, EBB 250N

APPLICATION

The EBB N extractor fans are suitable for many domestic and commercial ventilation applications where higher system resistance pressures are encountered.

CONSTRUCTION

The EBB N fans incorporate a forward curved centrifugal impeller. All the fans are fitted with backdraft shutter and two metal (model 100N) or inox (models 170 N, 250 N) filters.

MOTOR

The EBB N fans are equipped with single-phase 230V, 50Hz, protected against electric shock Class II, degree of protection IP 44.

They are available in three models (100, 170 and 250) in three version:

- **Standard model (S):**
With two-speed motor. At the time of connection, the operating speed must be selected, high or low. Optionally, they can be connected to a speed controller (REB) or control switch (REGUL-2).
- **Models equipped with adjustable timing (T):**
The timing enables the device to operate for the time set, when the switch has been turned off. During installation, you can select the delay time (2, 15 or 30 minutes). In mode, the fan operates at slow speed.
- **Equipped with an electronic humidistat and with delay timing (HT):**
Models equipped with delay timing that can be set between 1 and 30 minutes and an electronic humidistat that can be regulated between 60 and the 90% RH (Relative Humidity %). The EBB always starts at a higher speed. When the set moisture level is reached, the EBB works at slow speed.

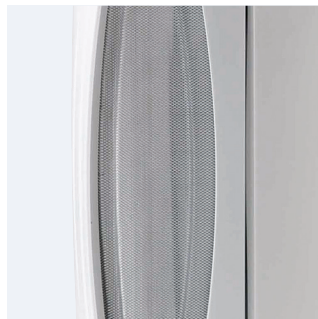
Diagram of the electrical connection fig 15, 16 (model S) and fig. 17, 18 (model T, HT), p. 665.



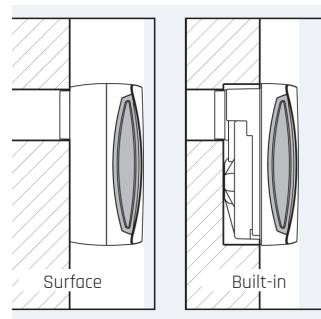
Backdraft shutter



Forward curved centrifugal impeller



Filters



Installation



WWW

DTR

CE

TECHNICAL CHARACTERISTICS

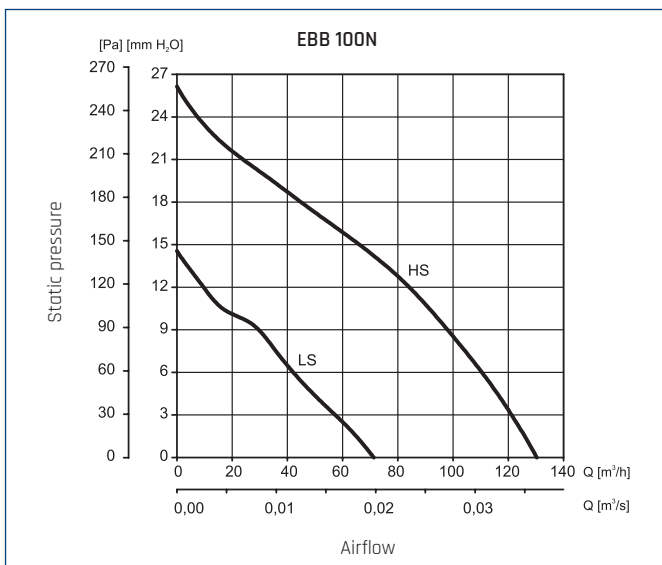
Type	speed	speed	voltage	absorbed power at free discharge	airflow at free discharge	sound pressure level*	weight	insulation class IP
		[r.p.m.]	[V]	[W]	[m³/h]	[dB(A)]	[kg]	
EBB 100N	HS	1600	230	35	130	46	1,8	IP 44
	LS	1050	230	15	75	34		
EBB 170N	HS	1100	230	48	220	42	3	IP 44
	LS	780	230	36	140	32		
EBB 250N	HS	1225	230	51	270	46	3	IP 44
	LS	900	230	36	190	38		

* sound pressure level measured at 1,5m.

MODEL FEATURES

Type	S	T	HT
BACKDRAFT SHUTTER	EBB-170N/ EBB-250N	EBB-170N/ EBB-250N	EBB-170N/ EBB-250N
2 BACKDRAFT SHUTTER	EBB-100N	EBB-100N	EBB-100N
METAL FILTERS	EBB-100N	EBB-100N	EBB-100N
INOX FILTERS	EBB-170N/ EBB-250N	EBB-170N/ EBB-250N	EBB-170N/ EBB-250N
TWO SPEED	•	•	•
ADJUSTABLE RUN-ON-TIMER		•	•
INTERNAL HUMIDISTAT			•

PERFORMANCE CURVES



DIMENSIONS [mm]

