



Isolated fan casing with constant pressure type BFIL-EC LOBBY

Centrifugal fan casing with an insulation of 25 mm (120 kg/m³), equipped with constant pressure regulation and EC motor.

Application

- **BFIL-EC LOBBY** fans are used for ventilation in places that require a low noise level, such as offices, restaurants, hotels,... and a low energy consumption
- May be used for extract air
- May be placed indoors and outdoors

Composition

- Preinstalled and prewired constant pressure regulation
- Galvanised steel plate housing, thickness 10/10
- Sound attenuating glass wool insulation avec high volume mass (120 kg/m³)
- Removable cover fixed with 4 screws
- Round connectors in line with double joints
- Safety switch mounted on the unit
- Standard equipped with sliding rail for filter G4 (from type 200)
- Direct driven high efficiency EC fanmotor with integrated thermal protection
- Type **BFIL-EC LOBBY** 125 and 160 with sinle inlet back curved blades
- Type **BFIL-EC LOBBY** 200 till 400 with double inlet forward curved blades

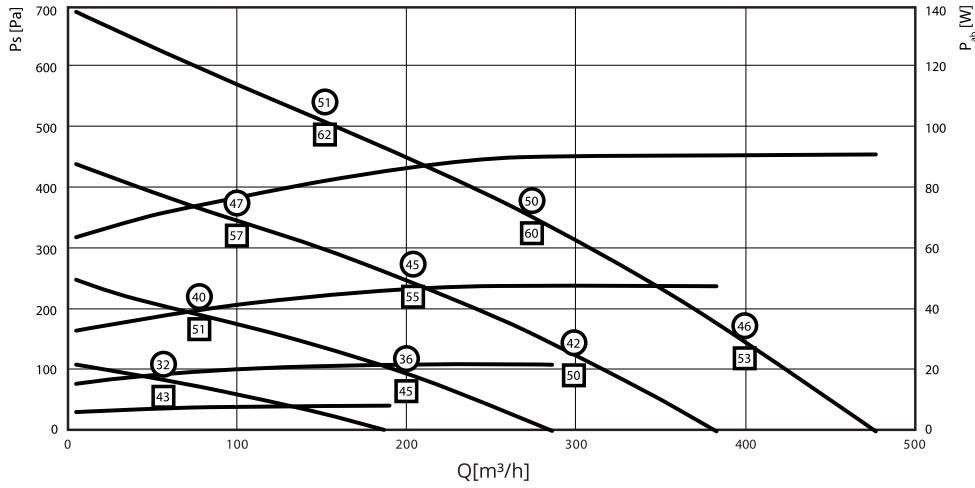
Accessories

- Filter G4, type **BFIL-SP**
- Flexible connection, type **MTS**
- VAV-boxes, type **VAV-CS**, **VAV-B** and **VAV-RS**

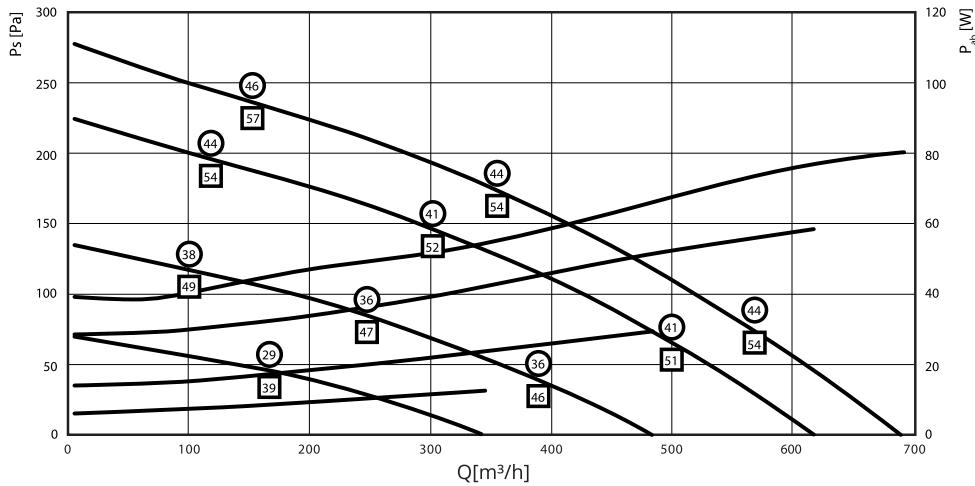
	Air performance data									
	Q [m ³ /h]									
	50Pa	100Pa	150Pa	200Pa	250Pa	300Pa	400Pa	500Pa	600Pa	700Pa
BFIL EC LOBBY 125	445	420	390	365	345	310	235	155	-	-
BFIL EC LOBBY 160	445	420	390	365	345	310	235	155	-	-
BFIL EC LOBBY 200	615	522	420	280	110	-	-	-	-	-
BFIL EC LOBBY 250	1035	980	925	870	820	735	445	-	-	-
BFIL EC LOBBY 315	-	2820	2730	2500	2250	1920	2650	2095	-	-
BFIL EC LOBBY 355	-	-	-	-	-	-	2750	2630	2460	2250
BFIL EC LOBBY 400	-	-	-	-	-	-	3000	2860	2650	2540

Selection curves

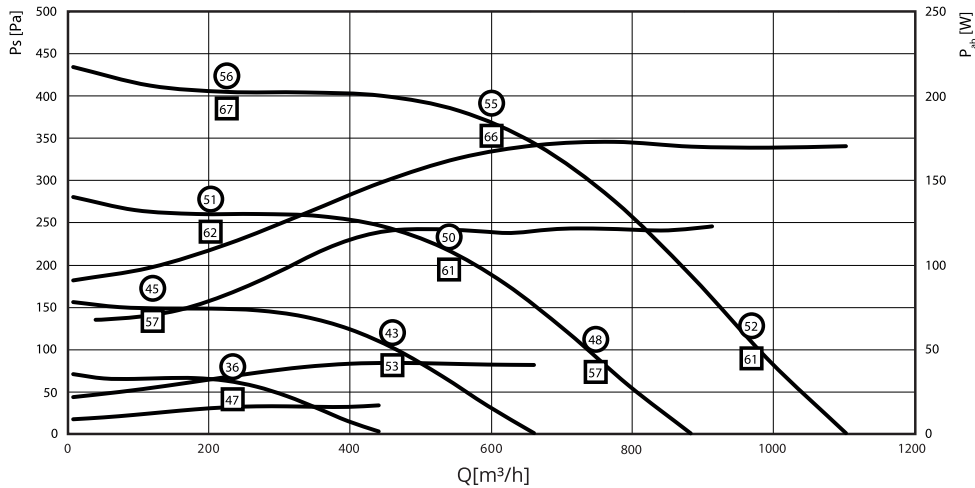
BFIL-EC 125-160



BFIL-EC 200

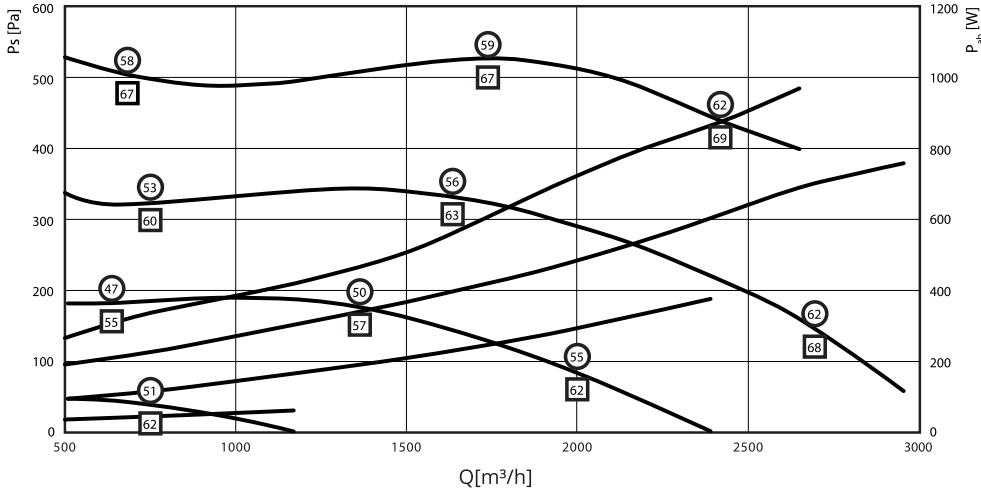


BFIL-EC 250

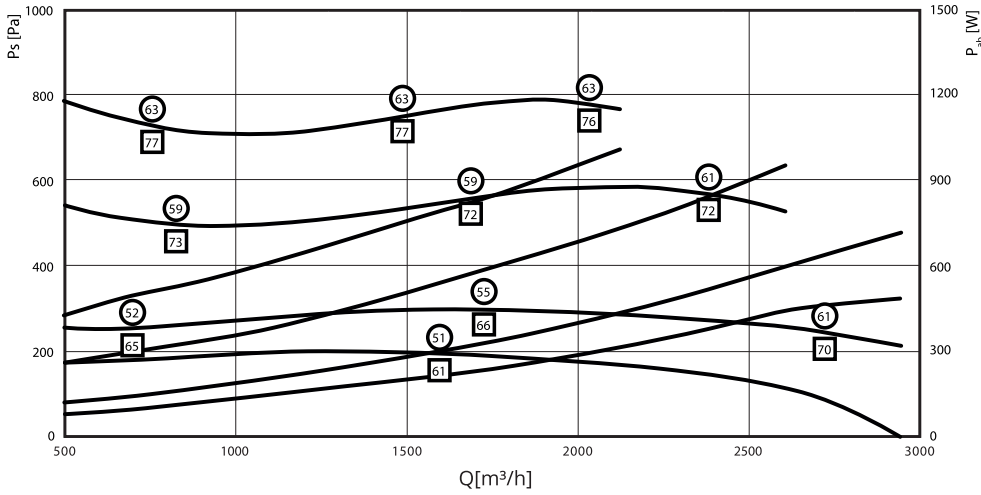


Selection curves

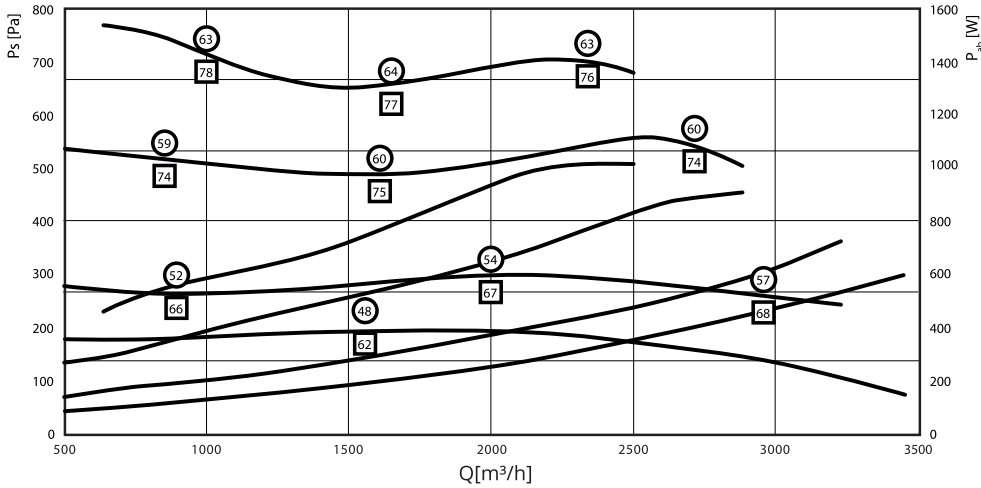
BFIL-EC 315



BFIL-EC 355

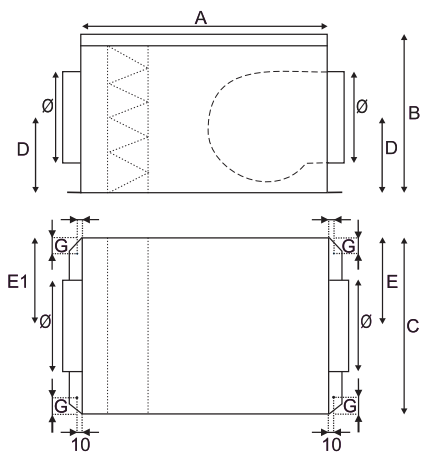


BFIL-EC 400



Technical data								
	U [V]	P [W]	I [A]	Tm [°C]	To [°C]	Lwa [dB(A)]	Lp @ 4 m [dB(A)]	IP
BFIL EC LOBBY 125	230	83	0.75	60	-25	62	51	IP54 / B
BFIL EC LOBBY 160	230	83	0.75	60	-25	62	51	IP54 / B
BFIL EC LOBBY 200	230	86	1.64	40	-25	57	46	IP54 / B
BFIL EC LOBBY 250	230	165	1.2	60	-25	67	56	IP54 / B
BFIL EC LOBBY 315	230	1070	4.3	40	-25	69	62	IP44 / F
BFIL EC LOBBY 355	230	1040	4.5	40	-25	77	63	IP44 / F
BFIL EC LOBBY 400	230	1040	4.5	40	-25	78	63	IP44 / F

- Tm = Maximum air temperature
- To = Minimum operating temperature
- Lwa 2 = Casing sound power level
- Lwa 5 = Sound power level @inlet
- Lwa 6 = Sound power level @outlet



Dimensions									
	A [mm]	B [mm]	C [mm]	Ø [mm]	D [mm]	E1 [mm]	E [mm]	G [mm]	[kg]
BFIL EC LOBBY 125	515	260	370	125	120	185	185	50	12
BFIL EC LOBBY 160	515	260	370	160	120	185	185	50	12
BFIL EC LOBBY 200	590	290	420	200	125	210	210	60	16
BFIL EC LOBBY 250	540	360	450	250	165	225	225	60	19
BFIL EC LOBBY 315	470	385	450	315	205	225	225	60	23
BFIL EC LOBBY 355	570	475	550	355	275	275	275	60	30
BFIL EC LOBBY 400	570	475	550	400	250	275	275	60	31