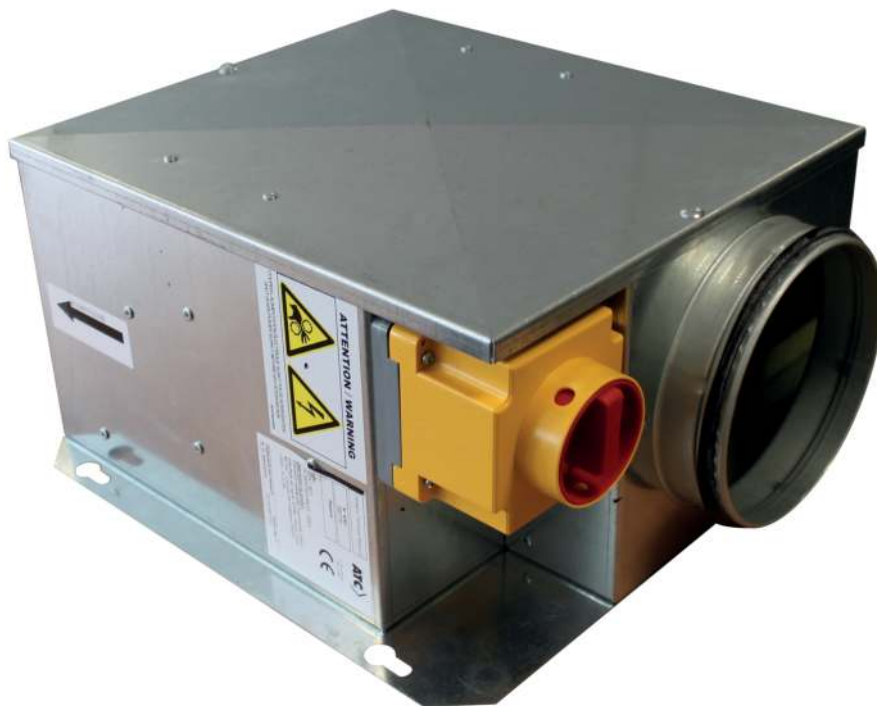




Extra flat fan box - 25 mm insulation and safety switch type BFSA-I

Acoustically insulated (25 mm rockwool / 50-62 kg/m³) centrifugal fan box with safety switch

Application

- **BFSA-I** fans are used for ventilation in many applications where there is not a lot of space and low noise levels have to be respected, such as offices, restaurants, technical rooms or other.
- May be placed in- and outside
- Air flow rates up to 3.350 m³/h and pressure up to 350 Pa
- Convenient for air supply and extraction

Composition

- Casing of galvanized steel
- Removable cover by screws for maintenance
- Round connectors in line with double joints
- Integrated thermal protection
- Isolation: 25 mm rockwool (50-62 kg/m³)
- Fire class A1 according to EN13501-1
- Safety switch mounted on the unit
- Equipped with filter carriage for BFSA-I 125 to 250 for G4 panel filter (filter not included - price on request).
- An additional kit must be provided for the BFSA-I 315, 355 and 400 (price on request)

Fan

- Non residential ventilation unit with single flow direction
- Single inlet centrifugal fan for models 125-250
- Double inlet centrifugal fan for models 315-400

Accessories

- Electronic speed controller, type **MTY**
- Auto transformer controller, type **BTRN**
- Flexible connection, type **BMK**
- Filter box, type **FLK-BN** (G4 filter) or **FLF-B** (F7 filter)
- Silencer, type **SAR**
- Duct battery, type **CVA, CWA, CWK**

Order example**BFSA-I 315-S - 147W + MTY2**

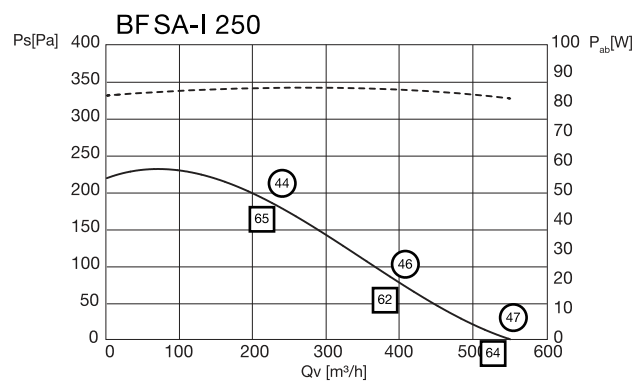
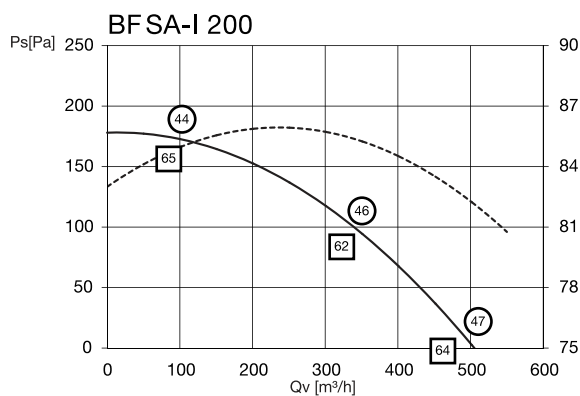
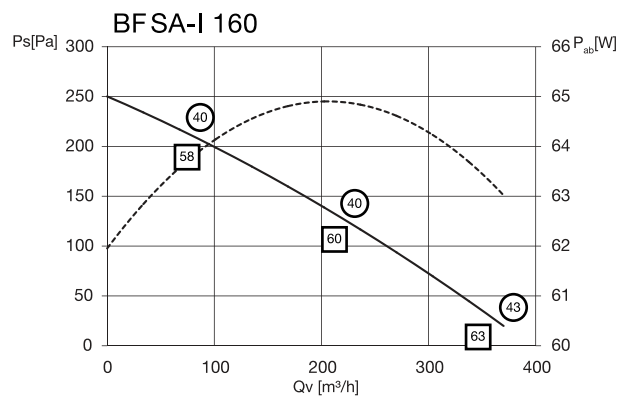
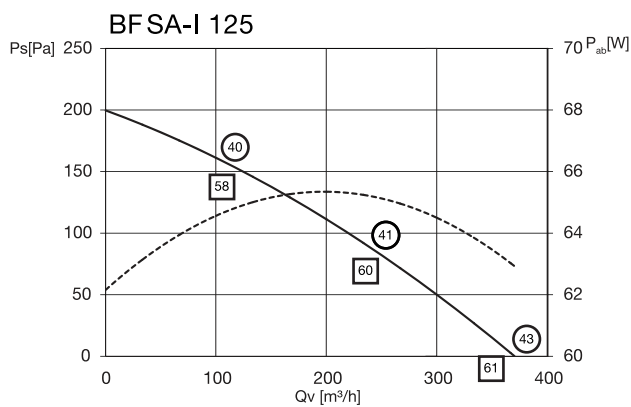
BFAS = fan box

I = Insulated

315 = diameter

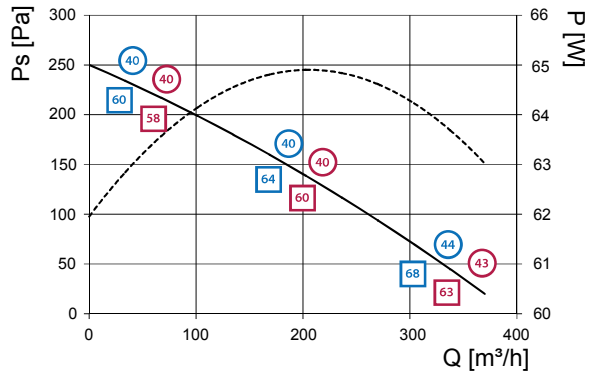
MTY2 = speed controller

	Air performance data						
	Q [m³/h]						
	50 Pa	100 Pa	150 Pa	200 Pa	250 Pa	300 Pa	350 Pa
BFSA-I 125*	300	220	125	-	-	-	-
BFSA-I 160*	330	260	180	100	-	-	-
BFSA-I 200*	430	340	205	-	-	-	-
BFSA-I 250*	450	370	290	200	-	-	-
BFSAHP-I 125-S	330	260	180	100	-	-	-
BFSAHP-I 160-S	330	260	180	100	-	-	-
BFSAHP-I 200-S	650	540	435	310	-	-	-
BFSAHP-I 250-S	700	590	465	345	200	-	-
BFSA-I 315	-	-	1500	1245	920	-	-
BFSA-I 355	-	2430	2250	1930	1190	-	-
BFSA-I 400	-	-	-	3350	3210	2970	2710

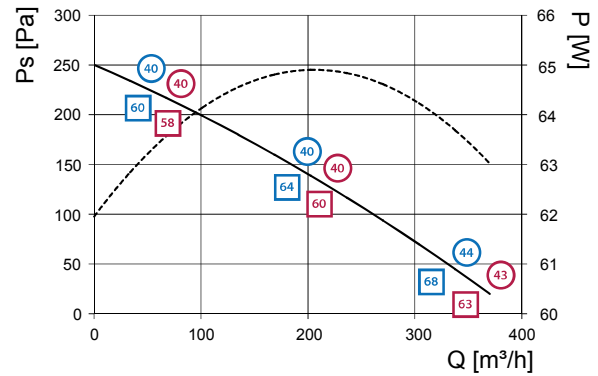
Selection curves

Selection curves

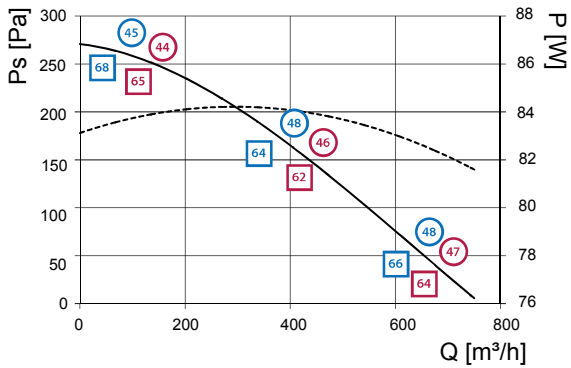
BFSA-I 125 HP



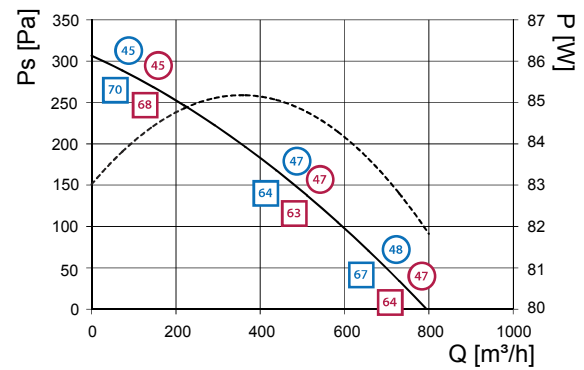
BFSA-I 160 HP

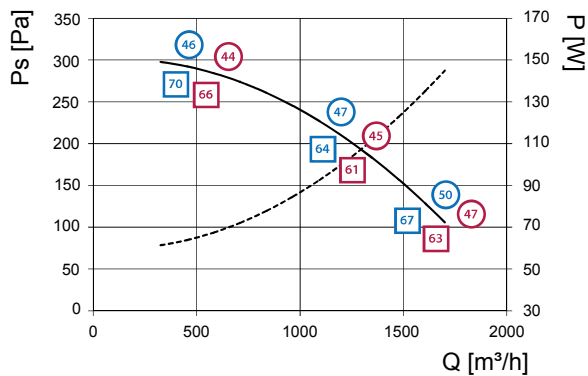
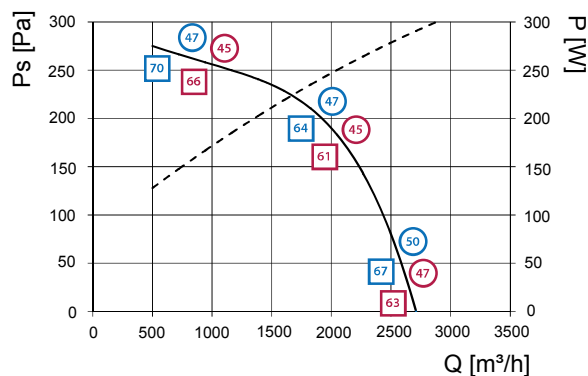
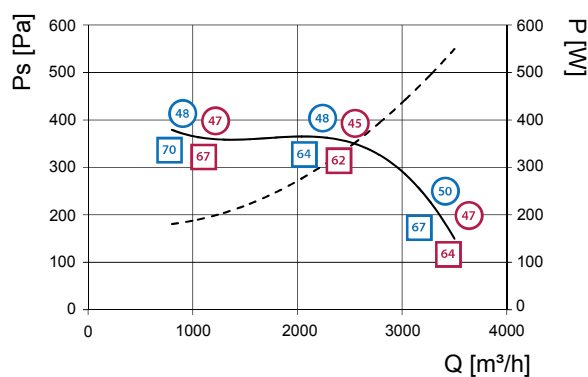


BFSA-I 200 HP



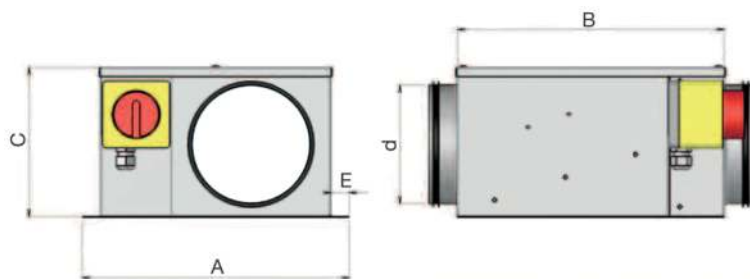
BFSA-I 250 HP



Selection curves
BFSA-I 315

BFSA-I 355

BFSA-I 400


- Q [m³/h] = Air flow
- Ps [Pa] = Static pressure
- P [W] = Absorbed power

Technical data									
	U [V]	P [W]	I [A]	SC _T	SC _E **	t _u [°C]	t _o [°C]	L _{wa} 6 [dB(A)]	L _{pa} @4m [dB(A)]
BFSA-I 125 (HP)	230	65	0.30	BTRN-1-S1	MTY-1**	40	-20	61	43
BFSA-I 160 (HP)	230	65	0.30	BTRN-1-S1	MTY-1**	40	-20	63	43
BFSA-I 200 (HP)	230	75	0.40	BTRN-1-S1	MTY-1**	40	-20	64	47
BFSA-I 250 (HP)	230	75	0.40	BTRN-1-S1	MTY-1**	40	-20	64	47
BFSA-I 315	230	147	1.60	BTRN-1-2	MTY-2**	40	-20	63	47
BFSA-I 355	230	300	2.70	BTRN-1-3	MTY-4**	40	-20	63	47
BFSA-I 400	230	550	4.50	BTRN-1-5	-	40	-20	77	49



Dimensions						
	A [mm]	B [mm]	C [mm]	d [mm]	E [mm]	[kg]
BFSA-I 125 (HP)	360	360	200	125	23	7
BFSA-I 160 (HP)	360	360	200	160	23	7
BFSA-I 200 (HP)	460	460	300	200	23	11
BFSA-I 250 (HP)	460	460	300	250	23	11
BFSA-I 315	500	460	380	315	23	22
BFSA-I 355	600	560	470	355	23	34
BFSA-I 400	600	560	470	400	23	32