

## Extra flat fan box with EC motor type BFSA-I EC

Sound-dampening centrifugal fan box with EC motor and safety switch, with or without pressure controlled or constant flow regulation (Regulo)

### Application

- Ventilation in rooms with little available space that require a low noise level, such as offices, restaurants, hotels,...
- Convenient for indoor or outdoor mounting
- Air flow rates up to 1000 m<sup>3</sup>/h and pressure from 50 to 500 Pa
- Convenient for air supply and extraction

### Composition

- Housing in galvanized plate steel
- Removable cover by screws for maintenance
- Integrated thermal protection
- Isolation: 25 mm rockwool (50-62 kg/m<sup>3</sup>)
- Fire class A1 according to EN13501-1
- Mounting feet with fastening
- Round connections with sealing on the air supply and extraction
- Integrated operating switch IP65 with lock standardly provided
- Turnbuckle for electric supply of the motor directly on the operation switch
- Easy mounting and transport thanks to the small dimensions

### Fan

- Non residential ventilation unit with single flow direction
- Housing and spiral casing in galvanized plate steel 10/10
- Centrifugal ventilator with backward curved impeller
- Electric supply: mono phased 230V
- Integrated thermal safety device
- Soft start
- Modulating flow rate:
  - Constant flow regulation (regulation by 0-10V signal) for model BFSA-I EC
  - Constant pressure or constant flow regulation (to decide on-site) for model BFSA-I EC REGULO

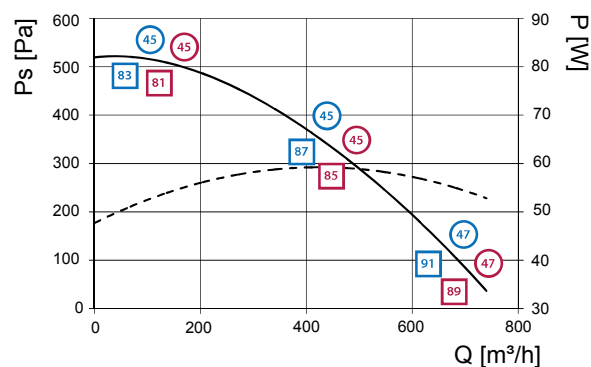
### Accessories

- Supply connection pieces, type **MTS**
- Potentiometer, type **MTP010** (for model without REGULO)
- 3 position switch, type **MSS-D**
- Pressure differential switch, type **DTV**

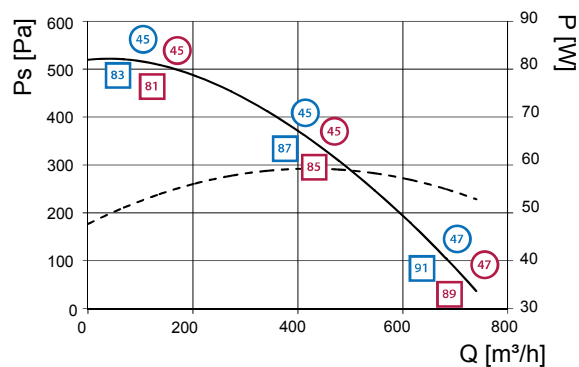
	Air performance data				
	100Pa	200Pa	Q [m³/h]	400Pa	500Pa
BFSA-I EC 125 - 160	795	585	485	370	170
BFSA-I EC 200 - 250	945	835	650	325	-

### Selection curves

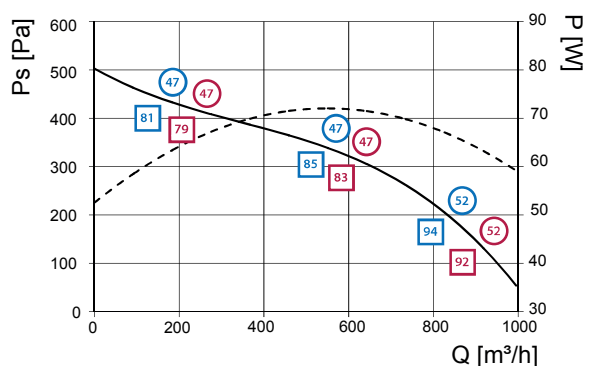
BFSA-I EC 125



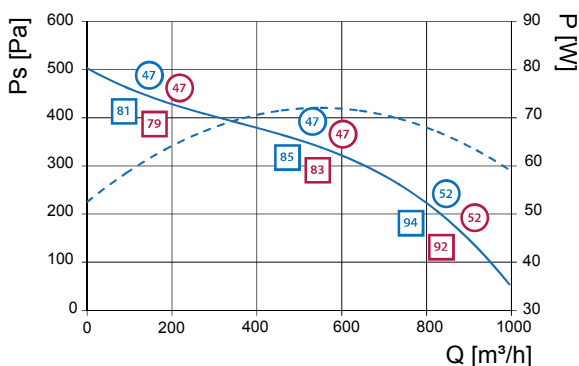
BFSA-I EC 160



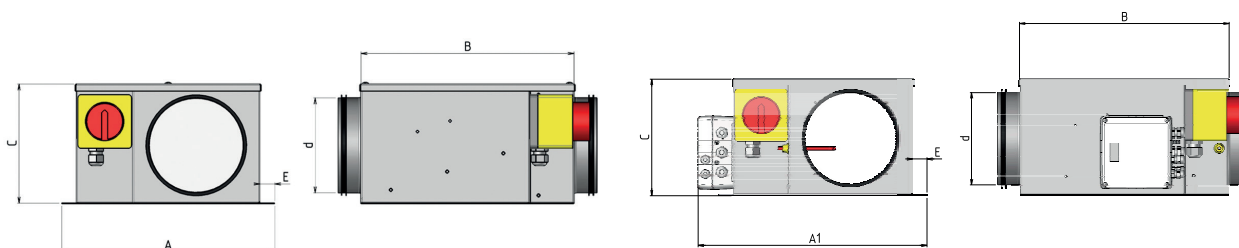
BFSA-I EC 200



BFSA-I EC 250



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



	Dimensions						
	A [mm]	A1 [mm]	B [mm]	C [mm]	d [mm]	E [mm]	[kg]
BFSA-I EC 125	360	400	360	200	125	23	8
BFSA-I EC 160	360	400	360	200	160	23	8
BFSA-I EC 200	460	500	460	300	200	23	12
BFSA-I EC 250	460	500	460	300	250	23	12