



## 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 dimensionq
- 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
- 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
- Integrated speed controller on the fan (only models with 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**

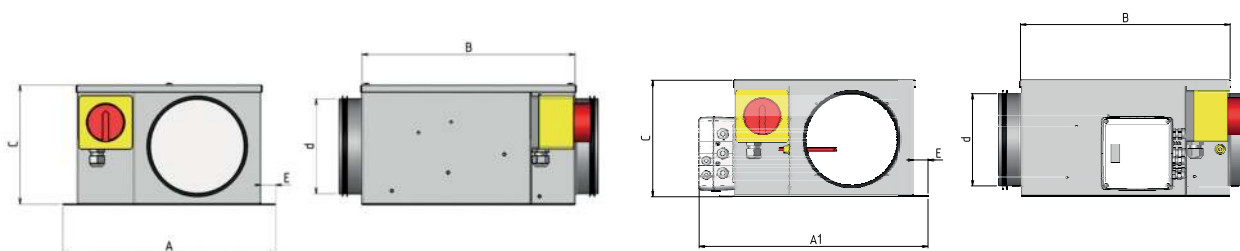
Air performance data					
	Q [m³/h]				
	100Pa	200Pa	300Pa	400Pa	500Pa
BFSA-I EC 125 - 160*	795	585	485	370	170
BFSA-I EC 200 - 250*	945	835	650	325	-
BFSAHP-I EC 125 - 160	-	460	328	298	186
BFSAHP-I EC 200 - 250	-	1050	919	788	588
BFSA-I EC 315	1544	1320	981	254	-
BFSA-I EC 355	1797	1721	1566	1419	1296
BFSA-I EC 400	2925	2849	2601	2219	1782

\* Niet meer verkrijgbaar of tot einde voorraad

- Value in circle = Sound pressure L<sub>pa</sub> in dB (A) at a distance of 4 m in the free field, suction connected
- Value in square = Sound power L<sub>wa</sub> in dB (A) on the suction
- Q [m³/h] = Air flow
- Ps [Pa] = Static pressure
- P [W] = Absorbed power

Technical data						
	U [V]	F [Hz]	P [W]	I [A]	SC <sub>2</sub>	t <sub>u</sub> [°C]
BFSA-I EC 125-160*	230	50	86	0.6	MTP010/MSS-D	40
BFSA-I EC 200-250*	230	50	113	0.8	MTP010/MSS-D	40
BFSAHP-I EC 125-160	230	50	95	0.73	MTP010/MSS-D	40
BFSAHP-I EC 200-250	230	50	180	1.6	MTP010/MSS-D	40
BFSA-I EC 315	230	50	105	0.75	MTP010/MSS-D	40
BFSA-I EC 355	230	50	400	1.9	MTP010/MSS-D	40
BFSA-I EC 400	230	50	1074	4.62	MTP010/MSS-D	40

\*=Niet meer verkrijgbaar of tot einde voorraad



Dimensions							
	A [mm]	A1 [mm]	B [mm]	C [mm]	d [mm]	E [mm]	[kg]
BFSAHP-I EC 125	400	400	360	200	125	23	11
BFSAHP-I EC 160	400	400	360	200	160	23	11
BFSAHP-I EC 200	500	400	360	300	200	23	14.5
BFSAHP-I EC 250	500	400	360	300	250	23	14.5
BFSA-I EC 315	540	550	510	380	315	23	17
BFSA-I EC 355	640	600	560	420	355	23	20
BFSA-I EC 400	640	600	560	470	400	23	26.5