



## *SlimBox*

**SB125EC**

**SB200EC**

**Decentralised MEVs  
Comfort Ventilation**

**Up to 250 l/s**

## **SlimBox** - Decentralised MEVs - Comfort Ventilation

### Features and benefits

- ErP 2018 compliant
- Compact, ultra slim profile
- Energy efficient EC motor
- Low noise and running costs
- 2 sizes available - up to 250 l/sec
- 3 year warranty - 1 year parts and labour, 2 years parts only



### Efficient and low noise fan

- Highly efficient, low-energy, brushless **EC motors**
- **Backward curved impellers**, dynamically balanced
- Thermal overload protection

### Integrated controls

- **Variable speed adjustment**
- Trickle, boost and purge speeds available
- Boost via switched live and volt-free purge
- Control with:
  - Light switch
  - Dynamic remote humidistat
  - PIR
  - Thermostat
  - Remote switch / pull cord

### Easy installation and maintenance

- Easy access to motor and impeller
- Can be installed horizontally or vertically
- Factory-fitted and pre-wired controls

### Slim metal case

- Compact and ultra-low profile
- Casing from galvanised steel
- Complete with mounting bracket and anti-vibration plate

### Complies with

- Part L and Part F of Building Regulations
- Ecodesign for Energy-Related Products Regulations (Amendment) 2019
- RoHS Regulations 2012
- EMC Regulations 2016

### Wide range of accessories

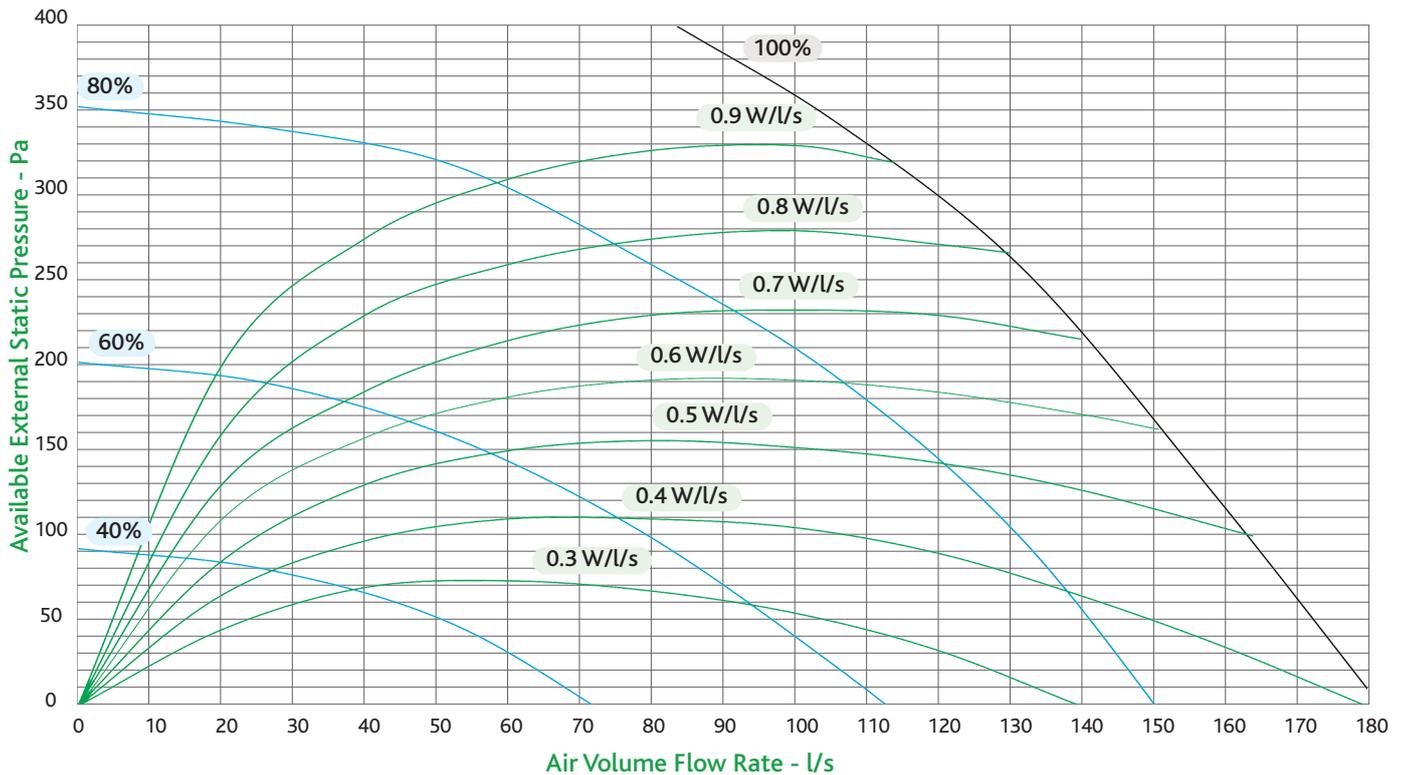
- Air filter cassettes
- Attenuators
- Dampers
- Grilles
- Sensors
- 24/7 Time switches

Products manufactured in the UK to ISO 9001:2015 and ISO 14001:2015

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## PERFORMANCE

### SB125EC



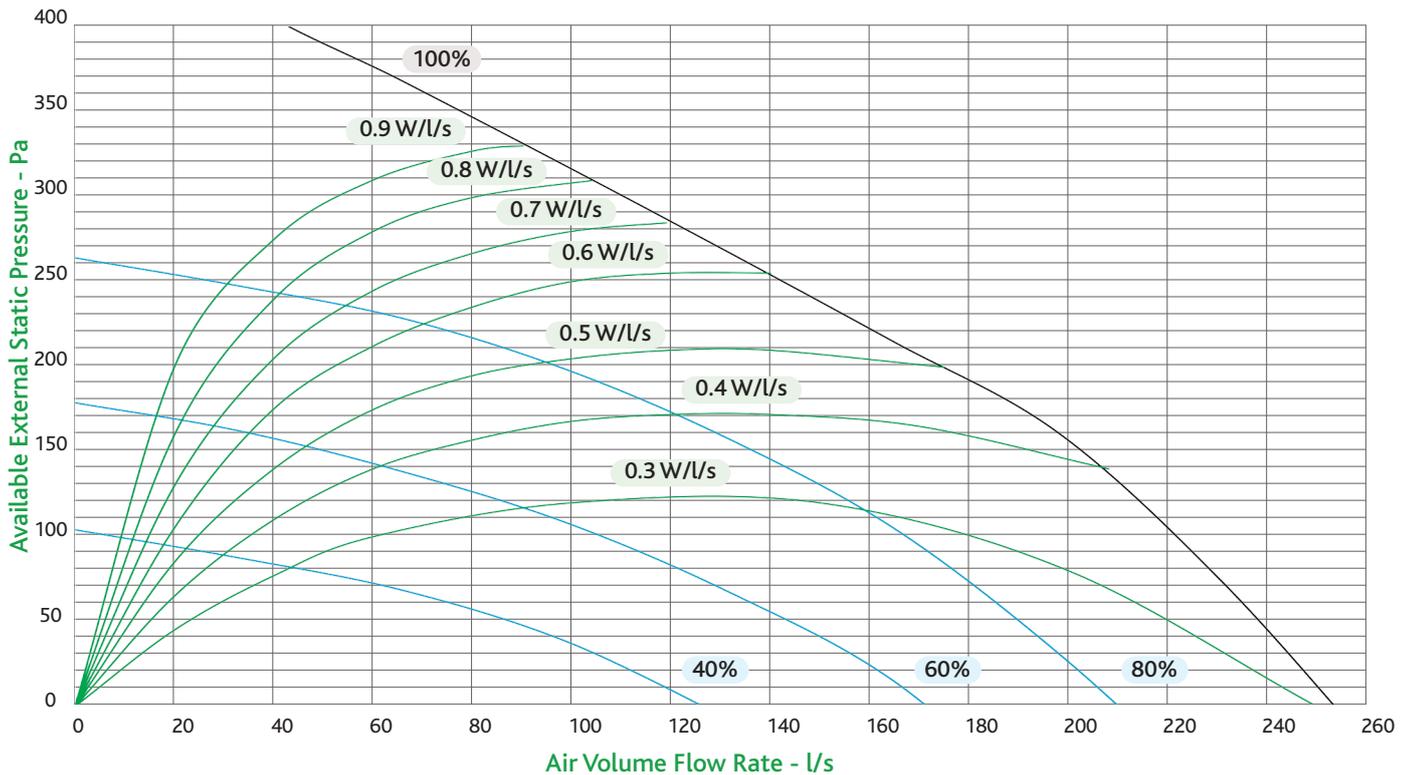
SB125EC		Sound Power Levels $L_w$ (dB)-Octave Bands Frequency (Hz)								Sound Pressure $L_p$ (dB(A))	
Curve Ref		63	125	250	500	1 k	2 k	4 k	8 k	@1.5m	@3m
100% 150 l/s @ 160Pa	Extract	58	64	65	61	59	57	53	57	40	34
	Supply	64	69	70	66	65	63	58	63		
	Breakout	62	62	56	45	37	29	18	20		
80% 125 l/s @ 125Pa	Extract	53	58	58	54	53	51	44	46	33	27
	Supply	58	64	64	59	58	56	50	52		
	Breakout	56	56	50	39	31	22	9	9		
60% 95 l/sec @ 60Pa	Extract	50	54	52	47	46	43	35	35	28	22
	Supply	55	59	57	53	52	48	41	41		
	Breakout	53	52	43	32	24	21	6	6		
40% 60 l/s @ 30Pa	Extract	44	46	44	40	39	34	26	13	20	14
	Supply	50	52	50	45	44	40	32	19		
	Breakout	47	44	35	24	17	5	5	5		

The breakout dB(A) sound pressure values are given for hemispherical free field propagation. Tolerance: +/-5%.

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### SB200EC



SB200EC		Sound Power Levels $L_w$ (dB)-Octave Bands Frequency (Hz)								Sound Pressure $L_p$ (dB(A))	
Curve Ref		63	125	250	500	1 k	2 k	4 k	8 k	@1.5m	@3m
100% 170 l/s @ 200Pa	Extract	58	60	65	63	64	62	58	58	40	34
	Supply	63	65	70	68	69	67	63	63		
	Breakout	61	58	57	49	44	36	26	24		
80% 150 l/s @ 125Pa	Extract	53	55	59	56	57	55	50	48	34	28
	Supply	58	60	64	61	62	60	55	53		
	Breakout	56	53	51	42	37	29	18	14		
60% 110 l/sec @ 100Pa	Extract	49	50	52	49	50	48	42	39	28	22
	Supply	54	55	57	54	55	53	47	44		
	Breakout	52	48	44	35	30	22	10	5		
40% 60 l/s @ 75Pa	Extract	43	42	43	40	41	38	32	25	19	13
	Supply	48	47	48	45	46	43	37	30		
	Breakout	46	40	35	26	21	12	5	5		

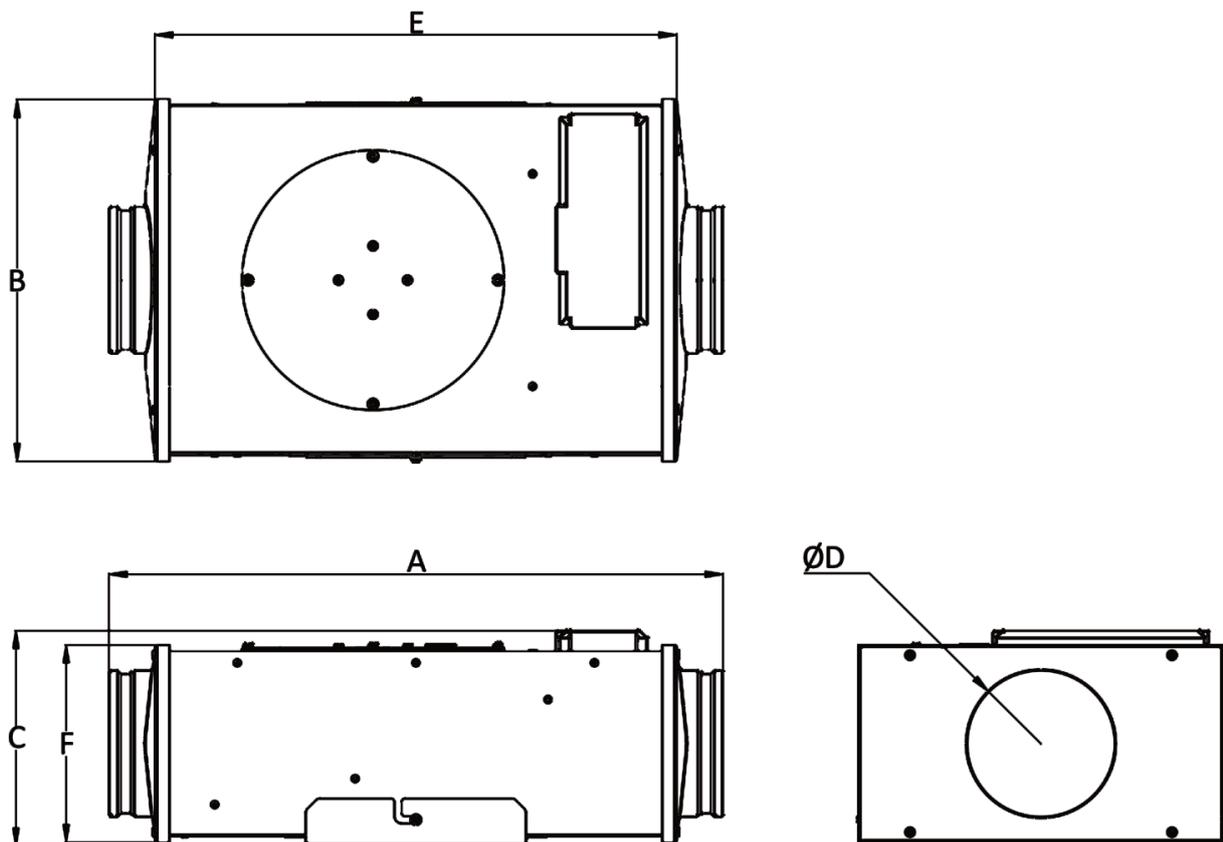
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### ELECTRICAL DATA

Unit	Phase	Voltage	Motor Size	Motor FLC	Fan Speed
SB125EC	1-phase	230V AC	99 W	0.74 A	3480 rpm
SB200EC	1-phase	230V AC	85 W	0.70 A	2580 rpm

### DIMENSIONS



Unit	A mm	B mm	C mm	D mm	E mm	F mm
SB125EC	518	305	182	124	435	165
SB200EC	597	374	254	198	504	232



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Certificate  
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