



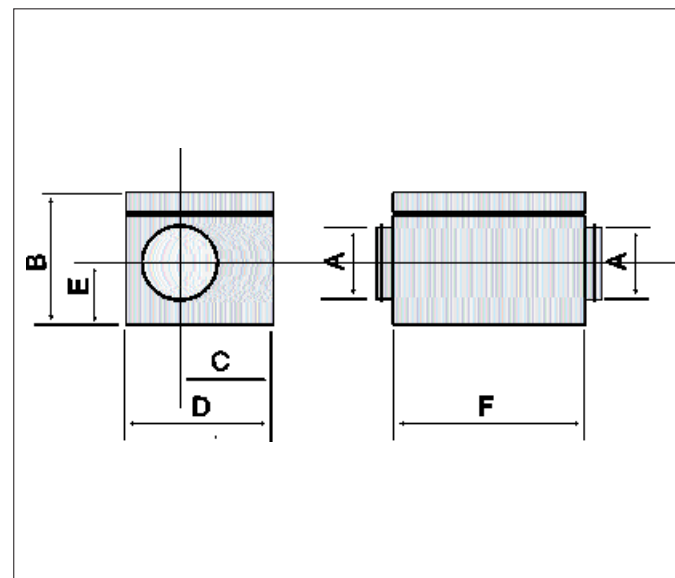
## SilentBox® In-Line centrifugal fans 125 to 400 mm diameter

Hotline:  
01206 228 500



### SPECIFICATION

- Casing**  
Galvanised sheet steel. With inlet and outlet spigots.
- Acoustic lining**  
Lined with fire resistant fibre board 50 mm thick.
- Impeller**  
Backward curved centrifugal. Temperatures of -30 to +60 °C.
- Motor**  
Low noise external rotor motor with ball bearings.
- Motor protection**  
Thermal contacts wired in series as standard.
- Terminal box**  
All terminal boxes are mounted on the casing and IP 55.
- Speed control**  
All models are speed controllable using the controllers below.
- Installation**  
Installation in any position.
- Sound levels**  
Sound levels are given below.
- Protection**  
Splashproof to IP 44.



### ANCILLARIES

### DIMENSIONS



Fan nominal size in mm	Pipe Clamps (pair)	Feet	Guard	Backdraught butterfly shutter	In-line filter box G4	In-line filter box F7	Electric heater single phase (EHR-R kW/dia)	Electric heater with pulser control (dia/kW)	Silencer (SRSD dia/length)	Fan nominal size in mm	Dimensions in mm					
											A	B	C	D	E	F
125	BM 125	Included	SGR 125	RSKK 125	LFBR 125 G4	LFBR 125 F7	EHR-R 1.5/125	CV 12/12/1	SRSD 125/600	125	125	245	239	365	134	400
160	BM 160	Included	SGR 160	RSK 160	LFBR 160 G4	LFBR 160 F7	EHR-R 2.4/160	CV 16/09/1	SRSD 160/600	160	160	265	227	365	151	400
200 C	BM 200	Included	SGR 200	RSK 200	LFBR 200 G4	LFBR 200 F7	EHR-R 5/200	CV 20/21/1	SRSD 200/600	200 C	200	330	185	370	190	400
200 D	BM 200	Included	SGR 200	RSK 200	LFBR 200 G4	LFBR 200 F7	EHR-R 5/200	CV 20/21/1	SRSD 200/600	200 D	200	308	326	489	176	532
250	BM 250	Included	SGR 250	RSK 250	LFBR 250 G4	LFBR 250 F7	EHR-R 6/250	CV 25/30/1	SRSD 250/600	250	250	342	235	470	190	400
315	BM 315	Included	SGR 315	RSK 315	LFBR 315 G4	LFBR 315 F7	EHR-R 8/315	CV 31/54/1	SRSD 315/600	315	315	397	367	586	222	650
355	BM 355	Included	-	RSK 355	LFBR 355 G4	LFBR 355 F7	EHR-R 9/355	CV 35/90/3	SRSD 355/600	355	355	478	375	638	265	692
400	BM 400	Included	-	RSK 400	LFBR 400 G4	LFBR 400 F7	EHR-R 9/400	CV 40/54/1	SRSD 400/600	400	400	478	375	638	265	692



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### Single phase models 230 V / 1 ph. / 50 Hz

### SELECTION DATA

Fan code	Speed rpm	Volume flow m³/s against static pressure Pa.											Motor power Watts	Current Amps	Max. air flow temperature +°C	Speed controller Transformer	Weight kg	Sound level @ 4 m	
		0	50	100	150	200	250	300	350	400	450	500						case breakout dB(A)	inlet dB(A)
<b>SB 125 A</b>	1130	0.064	0.058	0.053	0.047	0.039	0.022						61	0.27	80	TSW 0.3	12.0	15	33
<b>SB 125 C</b>	1850	0.122	0.115	0.108	0.100	0.092	0.081	0.067	0.014				122	0.53	65	TSW 1.5	12.0	24	42
<b>SB 160 B</b>	1650	1)	0.106	0.097	0.092	0.083	0.072	0.058	0.031				150	0.46	65	TSW 1.5	13.0	23	41
<b>SB 160 D</b>	2200	1)	1)	0.132	0.122	0.114	0.103	0.092	0.078	0.003			157	0.68	55	TSW 1.5	13.0	26	45
<b>SB 200 C</b>	1800	1)	0.183	0.175	0.164	0.147	0.128	0.106	0.069	0.014			188	0.83	55	TSW 1.5	14.0	25	43
<b>SB 200 D</b>	2600	0.228	0.214	0.203	0.186	0.175	0.158	0.147	0.131	0.117	0.100	0.081	157	0.69	75	TSW 1.5	22.0	29	42
<b>SB 250 C</b>	2120	1)	1)	1)	0.261	0.247	0.228	0.206	0.164	0.092	0.013		255	1.13	50	TSW 1.5	18.0	27	43
<b>SB 250 E</b>	2420	0.314	0.300	0.272	0.256	0.236	0.217	0.194	0.172	0.156	0.136	0.111	201	0.89	50	TSW 1.5	27.0	31	42
<b>SB 315 B</b>	1350	1)	1)	0.531	0.489	0.444	0.408	0.347	0.219				620	3.00	50	TSW 5.0	40.0	24	43
<b>SB 315 C</b>	1450	1)	1)	0.403	0.378	0.356	0.322	0.264	0.167				390	1.70	55	TSW 3.0	30.0	32	51
<b>SB 355 C</b>	1850	1)	1)	1)	0.503	0.458	0.408	0.350	0.281	0.167			540	2.30	45	TSW 3.0	31.0	26	47
<b>SB 400 F</b>	1200	1)	1)	0.692	0.650	0.611	0.569	0.522	0.472	0.397			1000	4.7	70	TSW 7.5	50.0	33	48

1) These duties are not available as the fan requires the minimum pressure shown

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