

Fan Box

In-Line Centrifugal Duct Fans



Features & Benefits

- Air volumes up to 1.08m³/s.
- Suitable for external pressures up to 400Pa.
- Designed to suit duct diameters from 100 to 500mm.
- Operating Temperatures up to +40°C.
- Speed Controllable.
- Quality Assurance to BS EN ISO 9001:1994.
- Performance tested to BS848 Part 1 1980.

Performance Guide

Model	RPM	Phase	Duty m ³ /s @ Pa											Motor		Amps
			0	25	50	100	150	200	250	300	350	400	kW	FLC	SC	
FB100B	2500	1	0.064	0.060	0.056	0.046	0.033							0.084	0.64	0.78
FB125B	2500	1	0.073	0.066	0.063	0.054	0.039							0.084	0.64	0.78
FB150B	1800	1	0.181	0.177	0.175	0.162	0.146	0.128	0.105	0.079				0.180	0.79	3.20
FB160B	1800	1	0.187	0.182	0.180	0.167	0.150	0.132	0.108	0.081				0.180	0.79	3.20
FB200B	1450	1	0.248	0.239	0.231	0.212	0.191	0.166	0.138	0.106				0.220	0.95	4.00
FB250B	1350	1	0.528	0.504	0.486	0.441	0.390	0.331	0.258	0.183	0.082			0.600	3.00	12.00
FB315B	1400	1	0.900	0.864	0.836	0.778	0.702	0.616	0.481	0.345	0.210			1.320	6.20	13.00
FB400B	1400	1	0.985	0.960	0.936	0.874	0.810	0.718	0.599	0.462	0.290	0.111		1.320	6.20	13.00
FB500B	1400	1	1.080	1.049	1.023	0.964	0.900	0.826	0.730	0.610	0.340	0.127		1.320	6.20	13.00

FLC = Full Load Current SC = Starting Current

Models

All RED highlighted text



Speed Controller

All BLUE highlighted text



Anti Vibration Mounts

Stock Ref	Electronic		Auto		Starter*	Overload	Stock Ref
	Stock Ref	Stock Ref	Transfor.	Transfor.	Ref	Ref	
FB100B	SP5001	SP5001	SPM5020	SPM5020	444744	444699	68MP033G
FB125B	SP5001	SP5001	SPM5020	SPM5020	444744	444699	68MP033G
FB150B	SP5001	SP5001	SPM5020	SPM5020	444744	444699	68MP033G
FB160B	SP5001	SP5001	SPM5020	SPM5020	444744	444699	68MP033G
FB200B	SP5001	SP5001	SPM5020	SPM5020	444744	444700	68MP033G
FB250B	SP5050	SP5050	SPM5035	SPM5035	444744	444702	68MP033G
FB315B	SP5010	SP5010	SPM5075	SPM5075	444744	444704	68MP033G
FB400B	SP5010	SP5010	SPM5075	SPM5075	444744	444704	68MP033G
FB500B	SP5010	SP5010	SPM5075	SPM5075	444744	444704	68MP033G

In-line Attenuators

Wall Terminal

Model	300mm		600mm		900mm		1200mm	
	Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref
FB100B	83010030	83010030	83010060	83010060	83010090	83010090	-	SA100/280
FB125B	83012030	83012030	83012060	83012060	83012090	83012090	-	SA125/280
FB150B	83015030	83015030	83015060	83015060	83015090	83015090	-	SA150/280
FB160B	83016030	83016030	83016060	83016060	83016090	83016090	-	SA150/280
FB200B	-	-	83020060	83020060	83020090	83020090	83020120	SA200/280
FB250B	-	-	83025060	83025060	83025090	83025090	83025120	SA250/280
FB315B	-	-	83031060	83031060	83031090	83031090	83031120	SA315/280
FB400B	-	-	-	-	83040090	83040090	83040120	QSA400/280
FB500B	-	-	-	-	83050090	83050090	83050120	-



Electric Heaters	Panel Filters	Spare Panel Filters	Bag Filters	Spare Bag Filters
Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref
-	QPF100A	FILTERS100	QPFB100A	FILTERQPFB100
QAH125	QPF125A	FILTERS125160	QPFB125A	FILTERQPFB125
QAH150	QPF150A	FILTERS125160	QPFB150A	-
QAH160	QPF160A	FILTERS125160	QPFB160A	FILTERQPFB160
QAH200	QPF200A	FILTERS200	QPFB200A	FILTERQPFB200
QAH250	QPF250A	FILTERS250	QPFB250A	FILTERQPFB250
QAH315	QPF315A	FILTERS315	QPFB315A	FILTERQPFB315
QAH400	QPF400A	FILTERS400	QPFB400A	FILTERQPFB400
-	QPF500A	63PF665	QPFB500A	63BF665

Dimensions (mm)

size	ØA	ØB	ØC	D	ØE	Kg
FB100B	268	363	171	272	97	13
FB125B	268	363	171	272	122	13
FB150B	322	400	203	336	147	13
FB160B	322	400	203	336	157	13
FB200B	322	400	203	336	197	18
FB250B	472	614	320	499	247	23
FB315B	530	630	300	560	312	33
FB400B	530	630	300	560	397	48
FB500B	530	630	300	560	497	72

