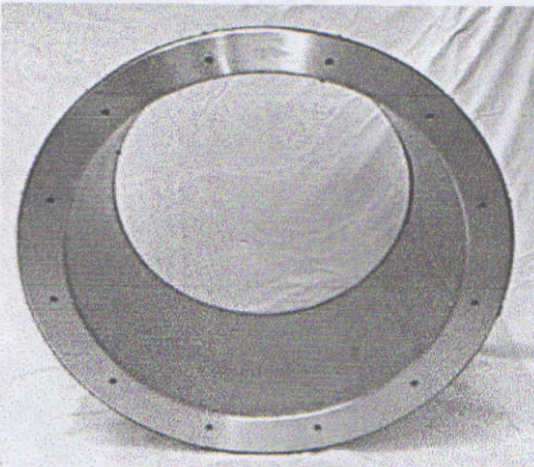


'F' SERIES PERFORMANCE DATA

F SE- RIES SIZE ONLY	EXCLUDING POD KIT								INCLUDING FITTED POD							
	CENTRE BAND FREQUENCY								CENTRE BAND FREQUENCY							
	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000
F0250-1	1	2	2	8	10	8	8	7	2	6	8	13	21	24	22	18
F0250-2	1	3	4	13	18	12	12	10	3	12	13	23	29	29	19	20
F0315-1	1	2	4	9	11	10	9	7	2	7	8	14	22	25	22	19
F0315-2	2	2	5	13	18	12	11	10	3	13	14	23	30	30	20	25
F0355-1	2	3	5	11	13	11	10	8	2	6	8	11	22	24	21	16
F0355-2	3	4	7	14	18	15	11	10	3	10	15	22	29	30	29	22
F0400-1	2	3	5	10	13	11	9	8	2	7	9	15	23	25	21	17
F0400-2	3	4	8	14	18	14	11	9	3	10	14	24	30	29	28	21
F0450-1	2	3	6	12	13	11	9	7	2	6	8	16	23	23	21	16
F0450-2	3	4	8	17	18	15	11	10	3	7	12	22	29	29	25	20
F0500-1	2	3	6	14	14	12	10	5	2	7	9	17	24	24	20	16
F0500-2	3	7	8	19	20	17	14	11	4	10	16	26	29	29	29	20
F0560-1	2	4	7	14	14	9	9	7	3	7	9	18	24	24	20	15
F0560-2	3	6	10	19	20	14	12	10	4	9	17	27	29	28	23	23
F0630-1	2	5	7	15	13	9	9	8	3	5	9	18	25	22	18	13
F0630-2	4	7	13	21	21	14	13	12	5	9	18	28	30	29	24	19
F0710-1	3	5	9	15	14	10	9	8	3	5	10	19	25	22	18	14
F0710-2	4	9	16	22	23	17	13	9	5	9	17	28	29	30	26	20
F0800-1	3	5	9	16	14	10	8	8	4	5	10	15	25	22	19	14
F0800-2	4	6	10	21	23	17	12	10	5	8	18	29	30	29	27	19
F0900-1	3	5	10	17	15	11	9	8	5	6	11	21	23	22	17	13
F0900-2	4	6	13	22	21	14	12	11	5	11	18	29	30	26	19	16
F1000-1	4	6	11	17	15	11	9	8	5	6	13	22	25	21	17	14
F1000-2	5	10	16	23	23	16	13	11	5	10	19	29	30	27	22	18

Fan Mounted Silencers



No need to telephone for a price if you have a requirement for an intermediate size in length. See price list for price banding

A Comprehensive range of cylindrical attenuators, matched to fit directly to all types of metric axial fan flanges or to ducting via optional matching flanges. Two alternative sets of threaded inserts are offered for each silencer to match most fan mounting requirements.

The 'F' Series range is available as standard in two lengths, one x diameter and two x diameter.

Excellent attenuation properties are achieved using sound absorbing acoustic infill, which is glass tissue faced as standard to minimize fibre migration and retained within the silencer casing by a perforated liner.

- Standard sizes 250mm to 1250mm diameter
- Special sizes on request (maximum spun diameter 1850mm)
- Supplied fully packaged to suit transport method and destination
- Maximum temperature 200°C
- Maximum pressure 1500 Pa
- Hexagon mounted drillings giving a higher torque to turn ratio as well as significant thermal expansion and contraction properties reducing the risk of free rotation of the fixings

Material and Finish.. *Casing*: galvanized mild steel (BS2989), seams are sealed lockformed type with spun galvanized steel end rings. *Inner lining*: perforated galvanized mild steel (BS2989). *Sound absorbing material*: mineral fibre slabs, faced with glass tissue. Manufactured to HVCA specification DW144 class B and M&E 100 for sheet steel thickness and stiffening.

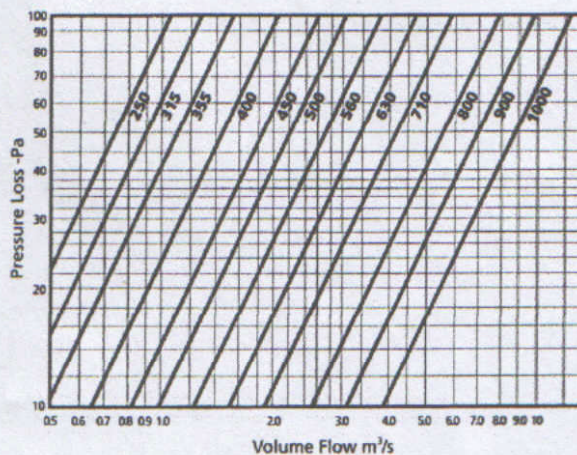
Pod Kits. A pod can be centrally mounted into 'F' Series attenuators, with aerodynamic nose cones on the intake and discharge to minimize noise regeneration and pressure loss. They substantially improve acoustic performance across the entire sound spectrum. These pods can be fitted at the factory prior to dispatch. **Material and finish:-** Central duct; perforated galvanized mild steel (BS2989). *Nose cones*; spun galvanized sheet steel (BS2989).

Melinex Lining. Melinex lining can be offered as an option as apposed to glass tissue where moist or greasy environments exist (e.g. kitchen systems) or for critically clean applications (e.g. hospitals) where the sound absorbing material may be required to be fully sealed by Melinex to prevent any fibre migration. Please note that this will affect the acoustic performance of the silencer.

Accessories A comprehensive range of matching flanges, mounting feet, flexible connectors, anti-vibration mounts are available to complement the silencers. (See section 3 for accessories)

Alternative product specifications. 'F' Series attenuators can be custom manufactured to your own specific requirements covering diameter, length, flange specification, material types, and product finishes.

AIR FLOW PRESSURE LOSS FOR CENTRAL
PODDED F-SERIES PRODUCTS.



Data shown above is for 1 diameter long units. For 2 diameter long multiply these values by 1.5

KEY: A- Inside diameter B- Outside diameter C- Length D- No of holes E- Drillings F- PCD G- No of holes H- Drillings I- PCD

NOM FAN SIZE DIA	PATTERN A ORDER CODE		I/D	O/ D	LGTH	PAT A DRILLINGS				PAT B DRILLINGS			WEIGHT		PATTERN B ORDER CODE	
	WITHOUT POD	WITH POD				D	E	F	G	H	I		EXCL POD	INCL POD	WITH OUT POD	WITH POD
250	402-FA0250-1	402-FA0250-1P	250	411	250	8	M6	286	6	M6	286	7	9		402-FB0250-1	402-FB0250-1P
250	402-FA0250-2	402-FA0250-2P	250	411	500	8	M6	286	6	M6	286	11	13		402-FB0250-2	402-FB0250-2P
315	402-FA0315-1	402-FA0315-1P	315	452	315	8	M8	355	8	M8	355	9	11		402-FB0315-1	402-FB0315-1P
315	402-FA0315-2	402-FA0315-2P	315	452	630	8	M8	355	8	M8	355	15	17		402-FB0315-2	402-FB0315-2P
355	402-FA0355-1	402-FA0355-1P	355	509	355	8	M8	395	8	M8	395	11	13		402-FB0355-1	402-FB0355-1P
355	402-FA0355-2	402-FA0355-2P	355	509	710	8	M8	395	8	M8	395	18	21		402-FB0355-2	402-FB0355-2P
400	402-FA0400-1	402-FA0400-1P	400	553	400	8	M10	450	12	M8	438	13	16		402-FB0400-1	402-FB0400-1P
400	402-FA0400-2	402-FA0400-2P	400	553	800	8	M10	450	12	M8	438	22	26		402-FB0400-2	402-FB0400-2P
450	402-FA0450-1	402-FA0450-1P	450	602	450	8	M10	500	12	M8	487	15	18		402-FB0450-1	402-FB0450-1P
450	402-FA0450-2	402-FA0450-2P	450	602	900	8	M10	500	12	M8	487	27	31		402-FB0450-2	402-FB0450-2P
500	402-FA0500-1	402-FA0500-1P	500	653	500	12	M10	560	12	M8	541	18	22		402-FB0500-1	402-FB0500-1P
500	402-FA0500-2	402-FA0500-2P	500	653	1000	12	M10	560	12	M8	541	32	37		402-FB0500-2	402-FB0500-2P
560	402-FA0560-1	402-FA0560-1P	560	713	560	12	M10	620	16	M10	605	22	26		402-FB0560-1	402-FB0560-1P
560	402-FA0560-2	402-FA0560-2P	560	713	1120	12	M10	620	16	M10	605	39	46		402-FB0560-2	402-FB0560-2P
630	402-FA0630-1	402-FA0630-1P	630	785	630	12	M10	690	16	M10	674	26	32		402-FB0630-1	402-FB0630-1P
630	402-FA0630-2	402-FA0630-2P	630	785	1260	12	M10	690	16	M10	674	48	57		402-FB0630-2	402-FB0630-2P
710	402-FA0710-1	402-FA0710-1P	710	864	710	16	M10	770	16	M10	751	32	39		402-FB0710-1	402-FB0710-1P
710	402-FA0710-2	402-FA0710-2P	710	864	1420	16	M10	770	16	M10	751	59	71		402-FB0710-2	402-FB0710-2P
800	402-FA0800-1	402-FA0800-1P	800	955	800	16	M10	860	24	M10	837	40	49		402-FB0800-1	402-FB0800-1P
800	402-FA0800-2	402-FA0800-2P	800	955	1600	16	M10	860	24	M10	837	74	90		402-FB0800-2	402-FB0800-2P
900	402-FA0900-1	402-FA0900-1P	900	1106	900	16	M12	970	24	M10	934	55	67		402-FB0900-1	402-FB0900-1P
900	402-FA0900-2	402-FA0900-2P	900	1106	1800	16	M12	970	24	M10	934	102	123		402-FB0900-2	402-FB0900-2P
1000	402-FA1000-1	402-FA1000-1P	1000	1207	1000	16	M12	1070	24	M10	1043	66	82		402-FB1000-1	402-FB1000-1P
1000	402-FA1000-2	402-FA1000-2P	1000	1207	2000	16	M12	1070	24	M10	1043	124	151		402-FB1000-2	402-FB1000-2P