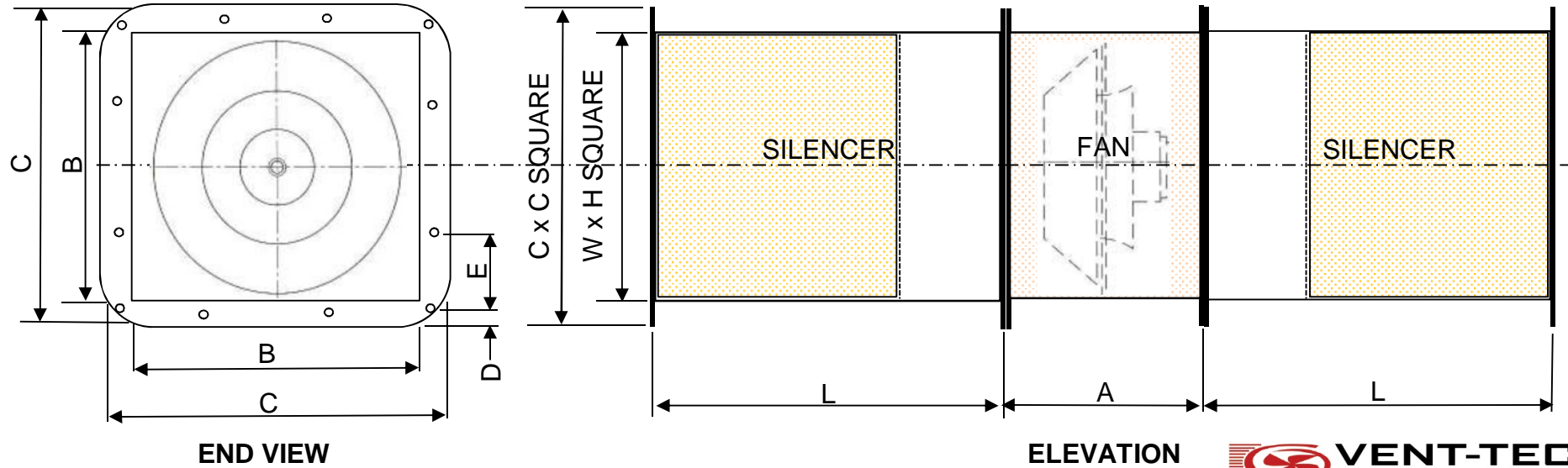


AX-3,AX-4 & AX-5 INLINE MIXEDFLOW & CENTRIFUGAL FAN C/W (OPTIONAL) INLET & DISCHARGE SIDE SILENCER



AX3	AX4	AX5	A	B	C	D	E	L	W	H	C x C	FLANGE
AX3:200/...			280	320	400	16	123	900/1200	320	320	400	Drilled
AX3:250/...			340	410	490	16	153	900/1200	410	410	490	Drilled
AX3:330/...			380	460	540	15	170	900/1200	460	460	540	Drilled
AX3:400/...			510	510	590	16	186	900/1200	510	510	590	Drilled
AX3:500/...			610	710	790	16	253	900/1200	710	710	790	Drilled
AX3:630/...			665	915	995	16	321	900/1200	915	915	995	Drilled
AX3:760/...			800	1100	1180	16	287	900/1200	1100	1100	1180	Drilled
	AX4:28..	AX5-250..	340	410	480			900/1200	410	410	480	TDC35
	AX4:31..	AX5-280..	340	410	480			900/1200	410	410	480	TDC35
	AX4:35..	AX5-310..	510	510	580			900/1200	510	510	580	TDC35
	AX4:40..	AX5-350..	510	600	670			900/1200	600	600	670	TDC35
	AX4:45..	AX5-400..	510	600	670			900/1200	600	600	670	TDC35
	AX4:50..	AX5-450..	610	710	780			900/1200	710	710	780	TDC35
		AX5-500..	750	750	820			900/1200	750	750	820	TDC35
	AX4:56..	AX5-560.	665	915	985			900/1200	915	915	985	TDC35
	AX4:63..	AX5-630..	665	915	985			900/1200	915	915	985	TDC35

SILENCER SPECIFICATION

Casing

Casings are of pre-galvanised sheet steel with either formed and drilled flanges or propriety flanges with corner clamp fixing.

Splitters

Frames are formed from pre-galvanised sheet steel with sound absorbent resin bonded mineral fibre

slab in- fill and erosion resistant facing.

An impervious moisture resistant lining is available for moist air or critically clean applications. The use of the lining allows the silencer to be low pressure steam cleaned.

Splitters are normally vertically

mounted.

Performance

Data is derived from tests to BS4718 1971 with measurements of the noise source being taken with and without the silencer in position. The difference between the recorded levels is the static (without airflow) attenuation or insertion loss of the silencer.

Silencer Performance and Pressure Losses

Fan Size	Silencer Code	Silencer Insertion Loss							
		63	125	250	500	1K	2K	4K	8K
200	AXS20/90	3	5	7	17	23	23	16	12
200	AXS20/120	4	7	13	25	32	32	23	15
250	AXS25/90	1	2	4	19	33	35	19	11
250	AXS25/120	1	3	6	26	42	36	26	19
330	AXS33/90	1	1	3	15	24	23	14	10
330	AXS33/120	1	1	5	22	35	31	20	16
400	AXS40/90	1	2	4	16	23	23	13	10
400	AXS40/120	2	3	7	23	35	31	21	15
500	AXS50/90	1	2	3	13	20	18	12	9
500	AXS50/120	1	2	4	19	31	27	17	13
630	AXS63/90	1	3	7	12	17	14	12	8
630	AXS63/120	2	4	7	19	26	24	15	13
760	AXS76/90	1	4	6	12	14	15	11	7
760	AXS76/120	2	5	10	18	23	23	14	11

Pressure Losses through Silencer

