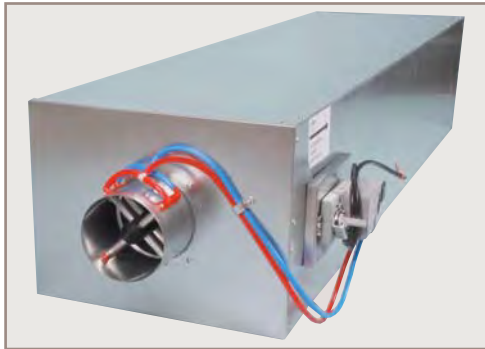






Variable Air Volume With Sound Attenuator WVSV-S WVSV-E



Selection Example WVSV-S-200

Volume (q_v)	658m ³ /h or 183 l/s
Operating Pressure (P_d)	400 Pa
Air Velocity (v)	6 m/s
Pressure Drop (ΔP_d)	18 Pa
Air Noise (L_{PA})	dBA 37
Radiated Noise (L_{PR})	dBA 34

Performance Table

WVSV-S / WVSV-E					Air Noise L_{PA} dBA in dB with Static Pressure				Radiated Noise L_{PR} dBA in dB with Static Pressure (8dB Room Absorption)			
Nom. $\varnothing$ D	Air Velocity [m/s]	Air Volume [m ³ /h]	Air Volume [l/s]	Pressure Drop [Pa]	100 [Pa]	200 [Pa]	400 [Pa]	800 [Pa]	100 [Pa]	200 [Pa]	400 [Pa]	800 [Pa]
100	2	53	15	2								26
	4	106	29	10				25		24	29	
	6	160	44	23		24	27	32		23	29	33
	8	213	59	41		26	33	37		25	32	37
	10	266	74	65	23	29	35	39		28	34	39
125	2	84	23	2				24		26	28	
	4	168	47	10		23	25	31		28	33	
	6	252	70	22	22	27	29	37		24	31	36
	8	336	93	39	24	29	36	39		30	38	43
	10	421	117	61	26	31	38	42	25	29	36	41
160	2	139	39	2			27	28		27	32	
	4	279	78	10			30	32		23	31	36
	6	418	116	21	26	29	35	38		26	33	38
	8	557	155	37	29	32	38	41	23	29	36	41
	10	697	194	57	29	35	39	44	26	32	38	43
200	2	219	61	2			28	34		27	34	
	4	439	122	9	25	26	33	39		25	32	39
	6	658	183	18	27	31	37	42		29	34	42
	8	877	244	33	29	35	40	44	24	31	37	44
	10	1097	305	51	31	37	43	48	28	34	39	46
250	2	345	96	2		25	34	41		26	33	
	4	690	192	9	26	33	39	45		27	33	39
	6	1034	287	17	30	36	44	49	23	30	37	42
	8	1379	383	29	34	39	46	52	27	33	39	45
	10	1724	479	46	37	43	48	53	30	36	41	47
315	2	550	153	3		27	37	45		26	35	
	4	1100	306	4	27	35	42	48		28	32	40
	6	1651	459	15	30	38	46	52	23	30	37	43
	8	2201	611	26	34	42	48	54	26	34	39	46
	10	2751	764	41	37	44	49	57	30	37	42	49
355	2	712	198	2		28	39	47		29	37	
	4	1425	396	5	29	37	44	51		28	34	41
	6	2137	594	11	33	39	48	54	25	31	38	44
	8	2849	791	20	37	44	50	56	29	35	41	47
	10	3561	989	30	40	47	52	59	32	38	43	50
400	2	891	248	3	24	29	42	49		32	39	
	4	1782	495	8	31	38	46	53		29	36	43
	6	2672	742	19	36	42	50	56	27	32	40	46
	8	3563	990	33	40	46	52	58	31	36	42	48
	10	4454	1237	50	42	49	54	61	34	39	44	51