DOUBLE DEFLECTION TYPES

FEATURES

- Consists of two sets of horizontal and vertical streamline blades.
- Blades are arranged vertically and followed by horizontally (VH Type) or vice-versa (HV Type), which provide maximum flexibility of adjustment for throw or spread.
- Aerofoil blades fixed at 19mm spacing. Both ends are mounted in friction pivots which allow individual blade adjustment without loosening or rattling.
- Optional opposed-blade damper is adjustable through the face of the grille.
- Material is extruded aluminium.
- SUS is available on request.

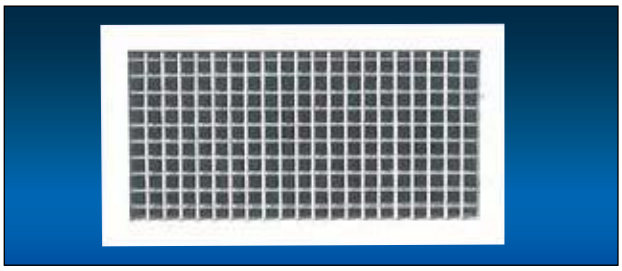
FINISH

Standard finish in natural anodizing or baked white enamel. Other colours are available on request.

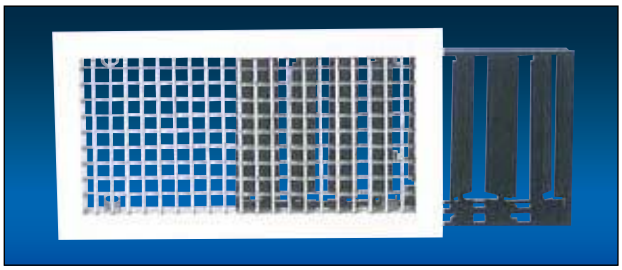
ACCESSORIES

- Opposed volume control damper ....., S
- Setting frame ..... T
- Insect screen ..... M
- Filter ..... F

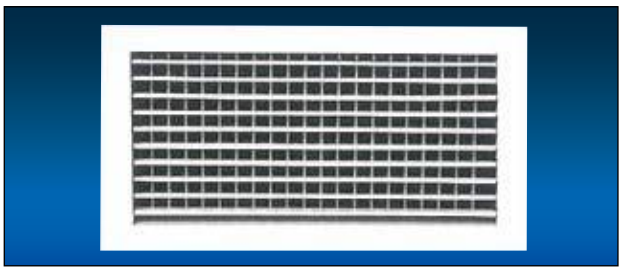
MODEL: VH, HV, VHS, HVS



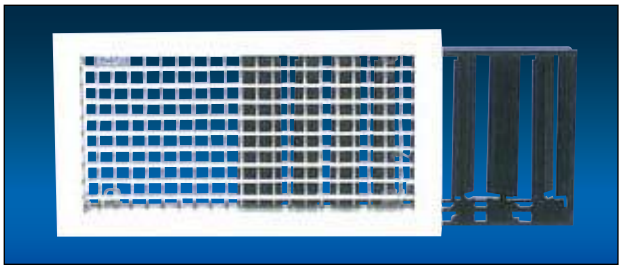
VH Type



VHS Type



HV Type

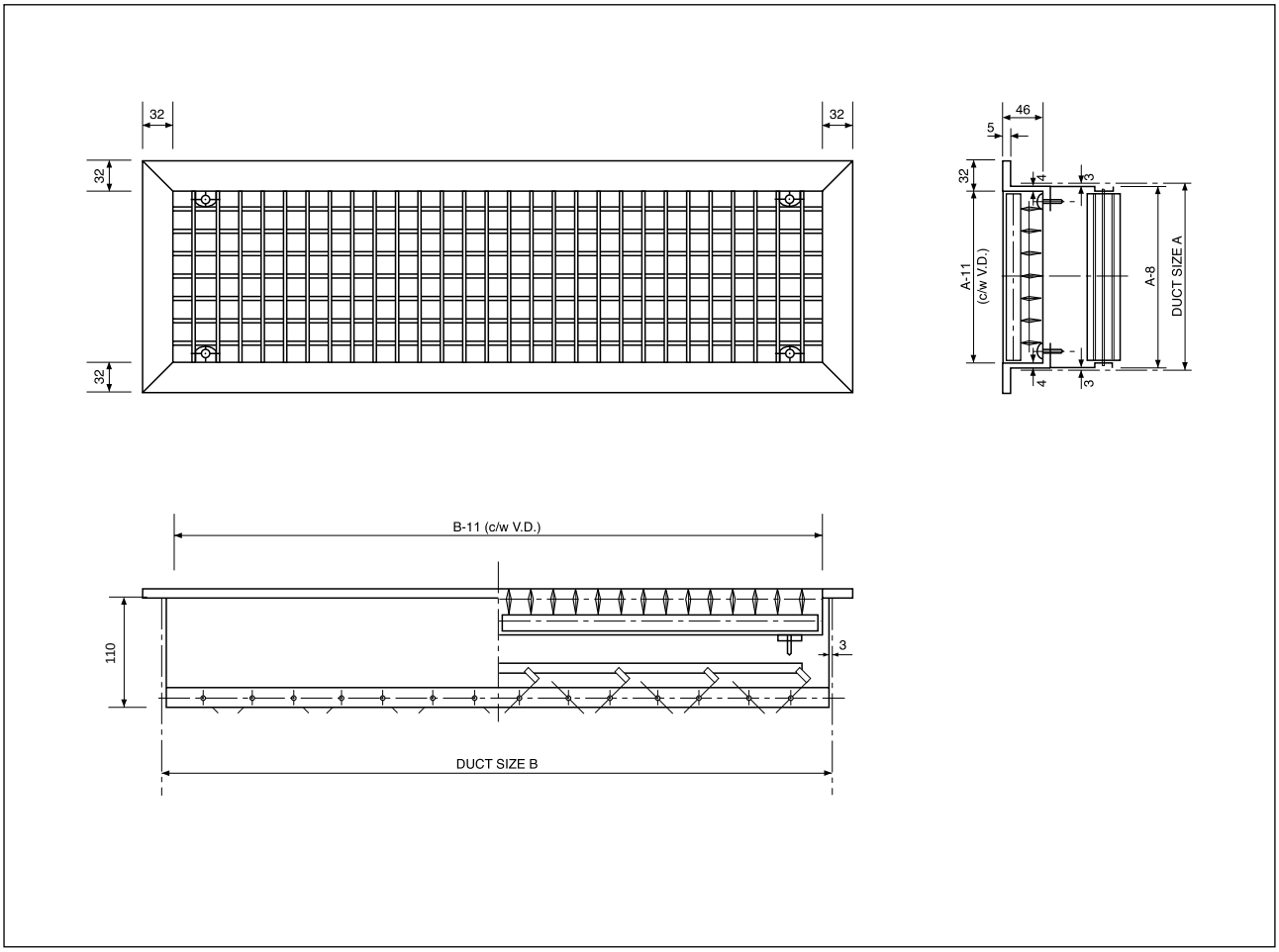


HVS Type

TECHNICAL PERFORMANCE DATA
MODEL: VHS/HVS

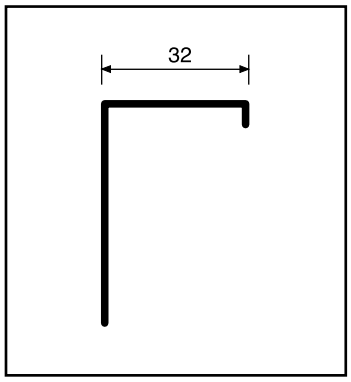
SIZE (m^2)	CAP ℓ/s	20	30	40	50	60	70	80	90	100	110	120	130	140	150	200	300	400	500	600	700	800	900	1K	2K	3K	4K
0.02	S.P.	4.3	9	16	24	32	33	58	75	88	100	120	141	162	177	322											
	NR	<10	<10	10	17	22	27	31	35	38	40	42	45	47	48	>50											
	THROW	<2	2.4	3	3.9	4.4	4.8	5.2	5.6	5.8	6	6.3	6.5	6.7	6.9	8.4											
0.045	S.P.			3.3	5.1	7.2	9.7	13	16	19	22	26	29	34	38	70	162										
	NR			<10	<10	<10	<10	12	16	19	22	24	26	28	30	39	>50										
	THROW			<2	2.6	3	3.6	4.1	4.7	5.2	5.6	6	6.3	6.5	6.7	8	10										
0.0613	S.P.				2.8	3.9	5.4	6.8	8.5	11	13	15	17	19	21	39	85	160									
	NR				<10	<10	<10	<10	<10	12	14	16	18	20	22	32	45	>50									
	THROW				<2	2.5	3	3.5	3.9	4.4	4.7	5.1	5.5	5.9	6.3	8	10	11.7									
0.08	S.P.					2.4	3.2	4.1	5.1	6.2	7.3	8.5	10	12	13	24	52	88	142								
	NR					<10	<10	<10	<10	<10	<10	10	13	14	16	26	39	47	>50								
	THROW					<2	2.5	3	3.5	3.8	4.1	4.4	4.8	5.2	5.6	7.8	10	11.6	13								
0.10	S.P.						2	2.6	3.4	4	4.7	5.4	6.2	7	8	16	34	57	85	128							
	NR						<10	<10	<10	<10	<10	<10	<10	10	12	20	33	41	48	>50							
	THROW						<2	2.3	2.9	3.3	3.6	3.9	4.2	4.5	4.8	6.8	9.8	11.5	12.9	14.1							
0.125	S.P.								2.2	2.7	3.1	3.5	4	4.6	5.3	10	23	39	59	83	118						
	NR								<10	<10	<10	<10	<10	<10	<10	16	28	36	43	49	>50						
	THROW								2.1	2.7	3	3.3	3.7	4	4.3	6.2	9.4	11.3	12.8	14	15.2						
0.18	S.P.													2.4	2.6	5.1	12	19	29	41	56	73					
	NR													<10	<10	10	20	28	34	40	45	>50					
	THROW													2.7	3	5.1	7.8	10.3	12.4	13.8	15.1	16					
0.245	S.P.															2.8	6.3	11	17	23	32	41	51	63			
	NR															<10	15	22	27	33	37	42	47	>50			
	THROW															3.8	6.7	8.9	10	13.2	14.8	15.9	16.8	17.9			
0.32	S.P.																3.8	6.4	9.6	14	19	25	30	37	143		
	NR																11	17	22	27	31	35	38	43	>50		
	THROW																5.8	7.7	9.6	11.4	13.4	15.5	16.7	17.8	>24		
0.40	S.P.																2.4	4.1	6.1	8.8	13	16	19	24	88		
	NR																<10	14	19	23	27	30	33	36	>50		
	THROW																4.2	6.7	8.6	10.2	12	13.7	15.5	16.9	>24		
0.50	S.P.																	2.6	4	5.8	7.9	10	13	17	59		
	NR																	11	16	20	23	26	29	32	>50		
	THROW																	5.1	7.6	9.2	10.9	12.3	13.8	15.5	>24		
0.66	S.P.																		2.4	3.5	4.8	6.1	7.6	9.4	35	77	
	NR																		12	16	19	23	25	27	50	>50	
	THROW																		5.4	7.6	9.5	10.9	12.1	13.7	>24	>24	
0.91	S.P.																				2.5	3.2	4.1	5	19	40	
	NR																				17	19	21	24	40	>50	
	THROW																				6.6	8.4	10.2	11.4	22.7	>24	
1.28	S.P.																						2.1	2.6	10	22	37
	NR																						18	21	34	47	>50
	THROW																						6.5	8	19	>24	>24

- Result of performance is tested under NATA
- SP – Static Pressure drops are in Pascals
- NR – Noise rating in dB re 10^{-12} watts. Room correction of -6dB
- CAP – Capacity of flow in litre per second
- Throw – Throw at 0.5 m/s Terminal Velocity in metres (as per ADC 1062 - R3)



BORDER TYPES AVAILABLE:

A) STANDARD FRAME



B) SLIM FRAME