Relief Air Vent
Data Sheet
Cross Talk Silencers

Peace NOISE & VIBRATION CONTROL

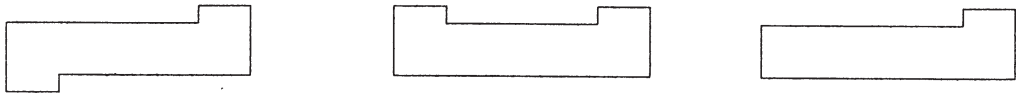
Quality Endorsed Company

The passage of ventilation air from one area to another is often associated with the problem of preventing noise utilising the same path. The Peace standard range of relief Air Vent or Cross Talk Silencers, is an economical solution to this problem. Available in three configurations and ten sizes the Peace RAV silencer range offers a wide choice of alternatives to suit most applications.

RAV silencers are manufactured in zincanneal steel sheet and all absorption infill is protected against sagging and erosion by facing scrim and the incorporation of perforated steel sheet trays.

NOISE REDUCTION PERFORMANCE								
OCTAVE BAND FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
NOISE REDUCTION dB	3	8	11	18	23	24	23	20

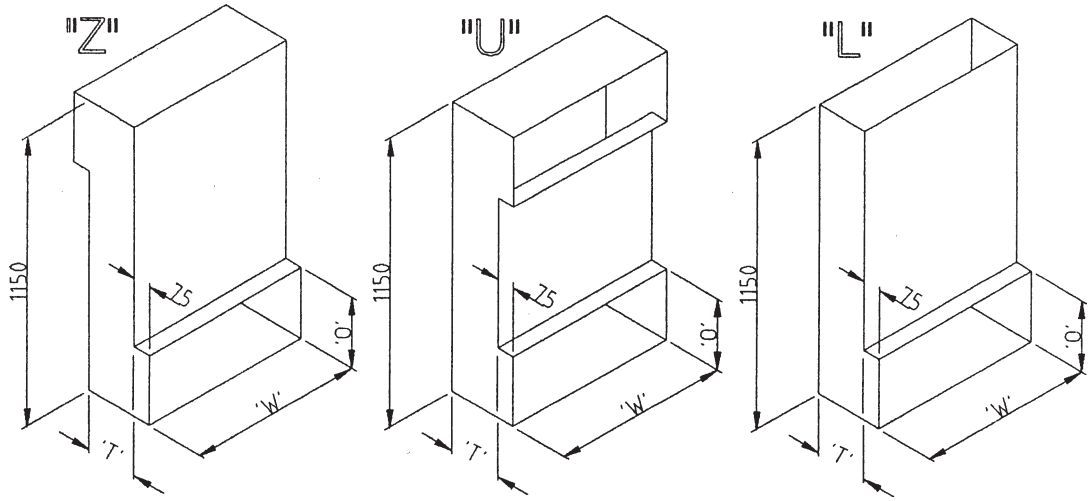
"Z" "U" "L"



Typical Uses: Hallways, Reception Areas, Business Offices, Laboratories, Conference Rooms, Auditoriums, etc.

Applications: Air Shafts, Ceilings, Walls, Doors, etc.

Options: Colorbond, Painted Finishes, Plaster Frames, Grilles, Cetrifugal Fans, Custom Shapes and Sizes.



SIZES				
Model	'H'	'W'	'O'	'T'
RAV1	1050	750	150	88
2	1050	1050	150	88
3	1000	750	200	125
4	1000	1050	200	125
5	950	750	250	175
6	950	1050	250	175
7	1050	350	150	88
8	1000	350	200	125
9	950	350	250	175
10	1000	600	200	125
Available in 'Z', 'U' and 'L' configurations.				

PRESSURE DROP PASCALS Pa					
Model	10	25	40	50	63
RAV1	105	150	181	205	229
2	140	210	248	286	324
3	162	228	276	324	357
4	220	319	381	438	486
5	257	371	493	509	562
6	357	505	619	700	772
7	50	69	83	95	107
8	76	107	128	150	167
9	119	171	207	236	262
10	128	181	219	257	286
Air flow Litres / Second l/s					

Accoustic Louvres

Data Sheet

AL2 Series

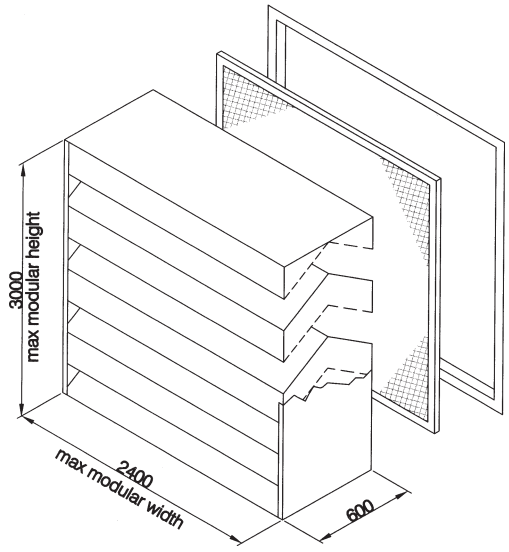
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

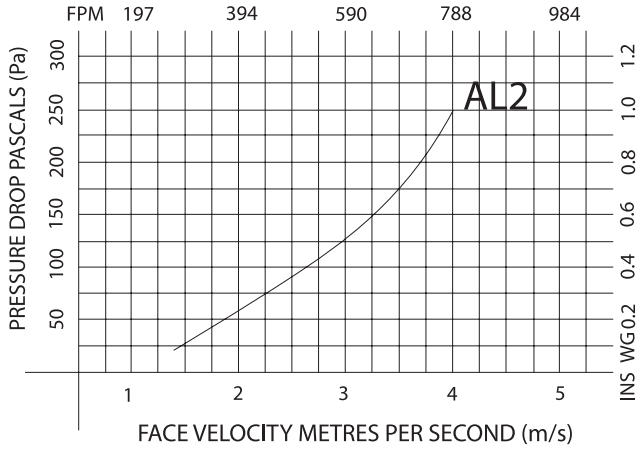
* Accoustic Louvre 2 * Bird Screens and Slip On Angle Flanges Optional

Features

Modular Sections Allow Ease of Transport, Site Assembly and Installation.
Other Options Include: Custom Built Sizes * Mounting Flanges * Wrapped Acoustic Infills * Anti-Bird Screens
* Once-Piece Crane Lift Sections * Alternative Base Materials; Aluminium, PVC, Copper, Stainless Steel, etc.
* Various Finish Coatings and Colours * Special Performance Units * Load Bearing Units.



INSERTION LOSS ATTENUATION								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
AL2 dB	7	9	12	21	32	32	26	22



Pressure Loss

FACE VELOCITY IN METRES PER SECOND (m/s)

$$\frac{\text{LITRES PER SECOND}}{\text{OPENING AREA IN SQUARE METRES X 1000}} \quad \text{or} \quad \frac{\text{l/s}}{\text{m2 X 1000}}$$

m/s

In accordance with our policy of continual design improvement, we reserve the right to amend any detail contained in this publication. Drawings are indicative only and not to scale.

Accoustic Louvres

Data Sheet

AL1 Series

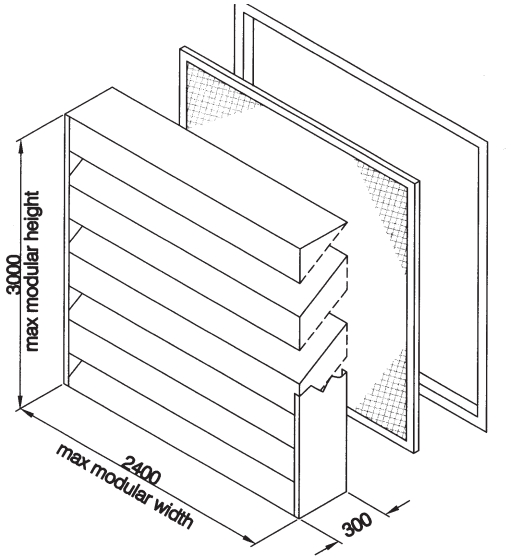
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

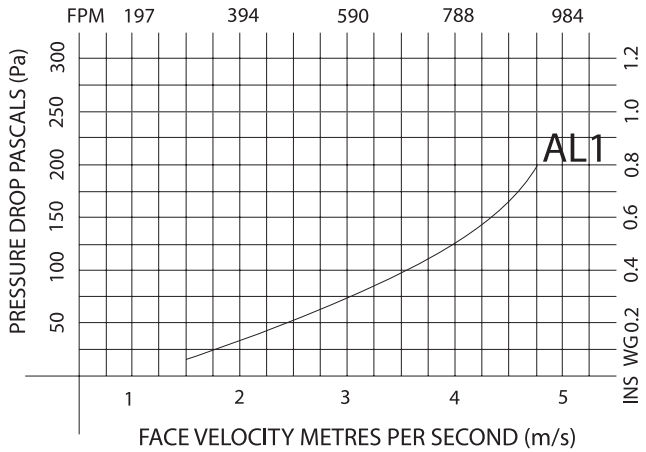
* Accoustic Louvre 1 * Bird Screens and Slip On Angle Flanges Optional

Features

Modular Sections Allow Ease of Transport, Site Assembly and Installation.
Other Options Include: * Custom Built Sizes * Mounting Flanges * Wrapped Acoustic Infills * Anti-Bird Screens
* Once-Piece Crane Lift Sections * Alternative Base Materials; Aluminium, PVC, Copper, Stainless Steel, etc.
* Various Finish Coatings and Colours * Special Performance Units * Load Bearing Units.



INSERTION LOSS ATTENUATION								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
AL1 dB	4	5	8	12	18	18	16	15



Pressure Loss

FACE VELOCITY IN METRES PER SECOND (m/s)

$$\frac{\text{LITRES PER SECOND}}{\text{OPENING AREA IN SQUARE METRES X 1000}} \quad \text{or} \quad \frac{\text{l/s}}{\text{m2 X 1000}}$$

m/s

In accordance with our policy of continual design improvement, we reserve the right to amend any detail contained in this publication. Drawings are indicative only and not to scale.

Duct/Fan Silencers

Data Sheet

SR Series

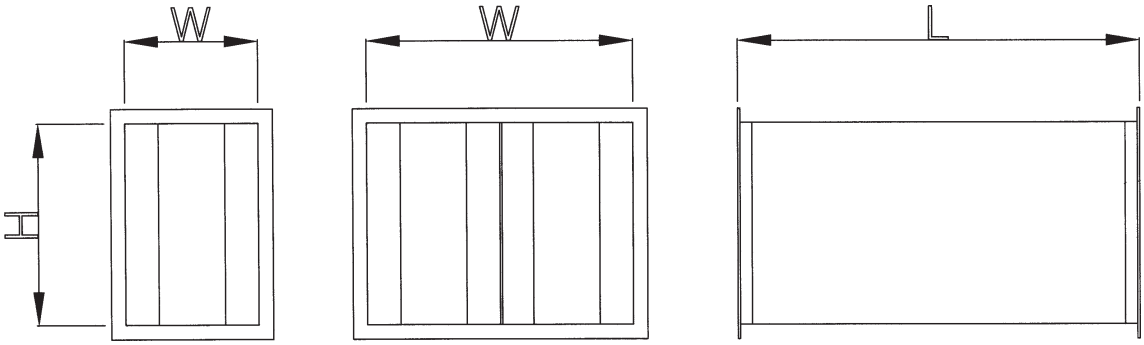
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* Standard Resistance * Weather Hoods And Bird Screens Optional

Features

Flanges: Up to 300 x 450 modules, 32 x 32 angle drilled. To 600 x 900 modules, 38 x 38 angle undrilled. Over 600 x 900 modules, 50 x 50 angle undrilled.



SINGLE MULTI-SPLITTER

INSERTION LOSS ATTENUATION DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
9SR	4	6	15	20	31	39	33	20
12SR	5	8	20	25	32	39	34	25
15SR	7	11	25	34	39	40	39	27
18SR	8	12	28	36	39	41	40	27
21SR	9	15	35	43	39	43	42	29
24SR	10	17	38	46	40	44	42	30

L	STATIC RESISTANCE PASCALS Pa						
900	4	8	10	25	40	50	60
1200	6	9	15	30	50	65	80
1500	8	10	20	40	60	80	95
1800	9	15	30	57	85	115	135
2100	10	20	40	75	115	150	185
2400	12	30	50	90	160	180	235

W x H	AIR VOLUME LITRES PER SECOND l/s						
300 x 150	90	135	165	235	295	340	380
300 x 300	182	265	325	465	595	680	765
300 x 450	275	393	485	700	895	1015	1145
300 x 600	365	525	650	935	1195	1355	1530
300 x 750	455	656	810	1170	1490	1695	1910
300 x 900	545	790	975	1405	1790	2035	2290
600 x 450	545	790	975	1405	1790	2035	2290
600 x 600	730	1050	1295	1970	2390	2710	3050
600 x 750	910	1315	1620	2340	2985	3390	3820
600 x 900	1090	1575	1945	2804	3580	4065	4585

Duct/Fan Silencers

Data Sheet

LR Series

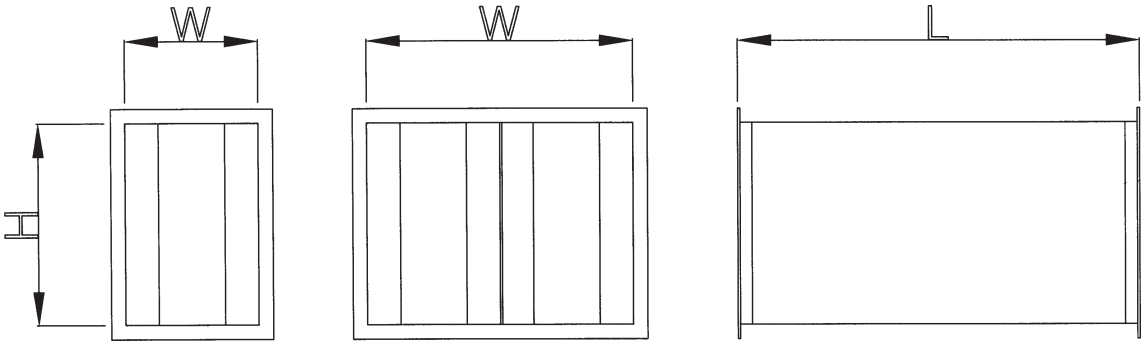
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* Low Resistance * Weather Hoods and Bird Screens Optional

Features

Flanges: Up to 300 x 450 modules, 32 x 32 angle drilled. To 600 x 900 modules, 38 x 38 angle undrilled. Over 600 x 900 modules, 50 x 50 angle undrilled.



INSERTION LOSS ATTENUATION DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
9LR	1	3	12	17	26	35	25	16
12LR	3	5	16	23	30	35	27	21
15LR	5	11	23	32	40	43	37	22
18LR	5	9	26	33	40	42	38	23
21LR	6	11	29	39	40	42	42	28
24LR	6	12	30	41	40	42	42	29

L	STATIC RESISTANCE PASCALS Pa						
900	4	8	10	25	40	50	60
1200	6	9	15	30	50	65	80
1500	8	10	20	40	60	80	95
1800	9	15	30	57	85	115	135
2100	10	20	40	75	115	150	185
2400	12	30	50	90	160	180	235

W x H	AIR VOLUME LITRES PER SECOND l/s						
300 x 150	135	190	238	345	430	495	560
300 x 300	270	385	480	690	860	995	1125
300 x 450	400	575	715	1035	1290	1490	1685
300 x 600	535	765	955	1375	1720	1985	2245
300 x 750	670	955	1195	1720	2150	2480	2805
300 x 900	805	1145	1435	2060	2580	2980	3365
600 x 450	805	1145	1435	2060	2580	2980	3365
600 x 600	1070	1530	1910	2750	3440	3970	4490
600 x 750	1340	1910	2385	3440	4295	4965	5610
600 x 900	1605	2290	2865	4125	5155	5954	6730

Duct/Fan Silencers

Data Sheet

XLR Series

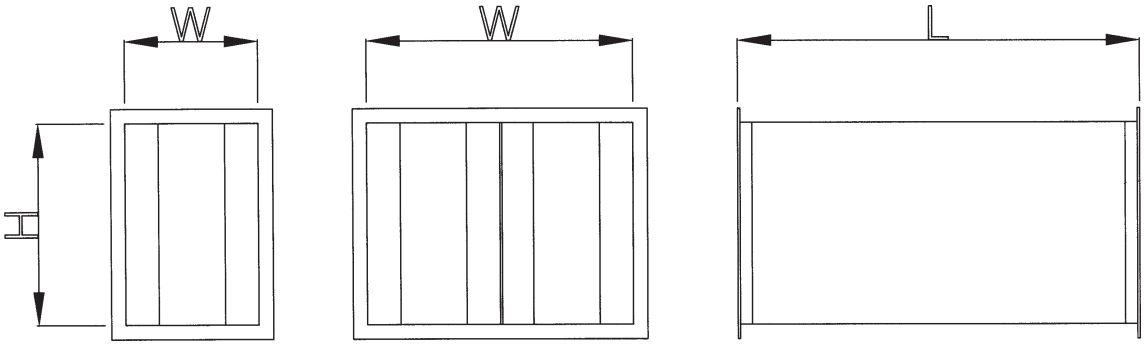
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* Extra Low Resistance * Weather Hoods and Bird Screens Optional

Features

Flanges: Up to 300 x 450 modules, 32 x 32 angle drilled. To 600 x 900 modules, 38 x 38 angle undrilled. Over 600 x 900 modules, 50 x 50 angle undrilled.



INSERTION LOSS ATTENUATION DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
9XLR	*	1	6	10	17	22	13	11
12XLR	1	3	10	14	20	27	18	12
15XLR	4	8	14	19	32	34	21	15
18XLR	4	8	15	20	33	38	24	16
21XLR	5	9	17	24	37	44	26	17
24XLR	5	10	18	26	37	42	28	18

L	STATIC RESISTANCE PASCALS Pa						
900	4	8	10	25	40	50	60
1200	6	9	15	30	50	65	80
1500	8	10	20	40	60	80	95
1800	9	15	30	57	85	115	135
2100	10	20	40	75	115	150	185
2400	12	30	50	90	160	180	235

W x H	AIR VOLUME LITRES PER SECOND l/s						
300 x 150	165	216	300	435	550	625	705
300 x 300	330	435	595	870	1100	1250	1415
300 x 450	495	650	895	1255	1650	1875	2120
300 x 600	625	880	1195	1740	2195	2500	2825
300 x 750	825	1095	1490	2152	2745	3125	3535
300 x 900	990	1305	1790	2604	3295	3750	4240
600 x 450	990	1305	1790	2604	3295	3750	4240
600 x 600	1315	1755	2390	3475	4390	5000	5650
600 x 750	1650	2175	2985	4345	5490	6255	7065
600 x 900	1975	2605	3580	5215	6590	7505	8475

Vent Silencers

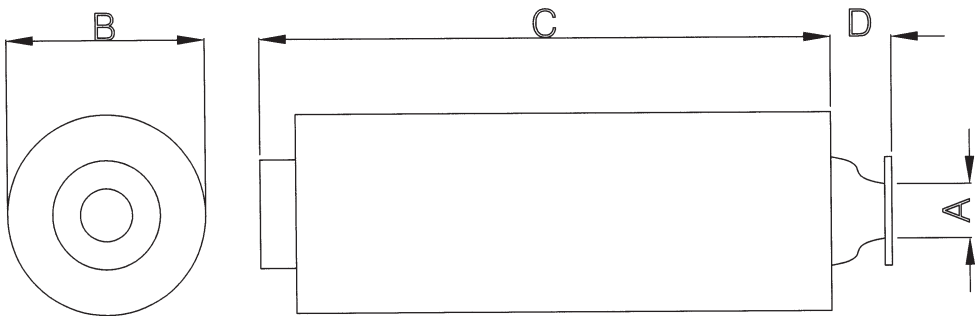
Data Sheet

VLR Series

* Low Resistance * Small Size * Suitable For Steam, Air and Gas

Features

* Heavy Duty Construction * Demountable For Refurbishing * Hot Dip Galvanised Or High Temperature Paint Finish * Optional Noise Reduction Performance 20dBA, 30dBA, 40dBA Or Custom Built * Optional Mounting Brackets And Lifting Eyes * STD Drain Connection 25mm NB Socket * High Temperature Acoustic Absorption Infill With Glass Cloth Facing * Stainless Steel Wire Mesh Erosion Barrier * Perforated Stainless Steel Infill Retaining Screens



PART No.	A RANGE	B	C	D	VOLUME tonne/h	REDUCTION dBA	MASS kg (approx)
VLR 1.1	50	350	1200	75	0.5	20	150
VLR 1.2	50	350	1800	75	0.5	30	200
VLR 2.1	75	400	1200	100	1.2	20	160
VLR 2.2	75	400	1800	100	1.2	30	200
VLR 3.1	100	450	1500	125	2.1	20	220
VLR 3.2	100	450	2400	125	2.1	30	340
VLR 4.1	150	550	1500	150	4.8	20	260
VLR 4.2	150	550	2400	150	4.8	30	420

Vent Silencers

Data Sheet

VMR Series

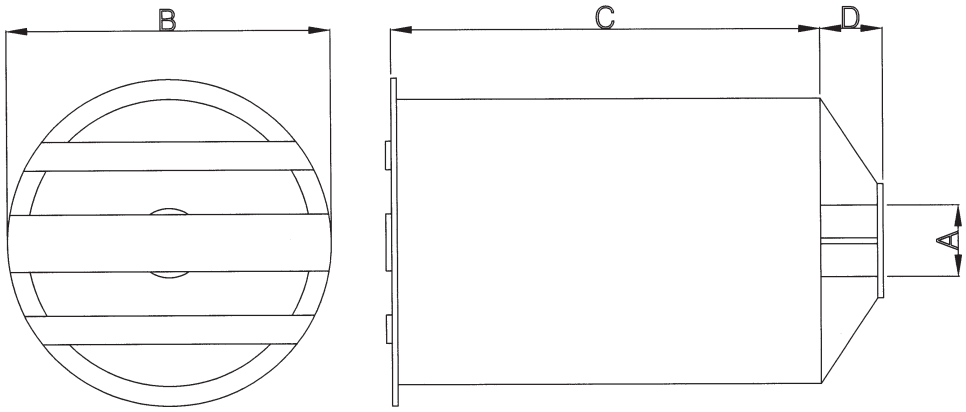
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* High Performance * Mid Range * Built-in Diffuser * Suitable For Steam, Air and Gas

Features

* Heavy Duty Construction * Demountable For Refurbishing * Hot Dip Galvanised Or High Temperature Paint Finish Of All MS Parts * Optional Noise Reduction Performance 20dBA, 30dBA, 40dBA Or Custom Built * Optional Mounting Brackets And Lifting Eyes * STD Drain Connection 25mm NB Socket * High Temperature Acoustic Absorption Infill With Glass Cloth Facing * Plated Steel Perforated Plate Infill Retaining Screens



PART No.	A RANGE	B	C	D	VOLUME tonne/h	REDUCTION dBA	MASS kg (approx)
VMR 1.1	100 - 150	600	1500	200	5	20	370
VMR 1.2	100 - 150	600	2400	200	5	30	590
VMR 1.3	100 - 150	600	3000	200	5	40	740
VMR 2.1	150 - 300	800	1500	200	9	20	490
VMR 2.2	150 - 300	800	2400	200	9	30	780
VMR 2.3	150 - 300	800	3000	200	9	40	980
VMR 3.1	250 - 400	1000	1500	200	13	20	612
VMR 3.2	250 - 400	1000	2400	200	13	30	980
VMR 3.3	250 - 400	1000	3000	200	13	40	1225
VMR 4.1	300 - 400	1000	1800	150	18	20	*
VMR 4.2	300 - 400	1000	2700	150	18	30	*
VMR 4.3	300 - 400	1000	3300	250	18	40	1350
VMR 5.1	350 - 500	1200	1800	250	25	20	880
VMR 5.2	350 - 500	1200	2700	250	25	30	1320
VMR 5.3	350 - 500	1200	3300	250	25	40	1610
VMR 6.1	400 - 600	1500	1800	250	34	20	1100
VMR 6.2	400 - 600	1500	2700	250	34	30	1650
VMR 6.3	400 - 600	1500	3300	250	34	40	2020
NOISE REDUCTION PERFORMANCE AND MASS ARE CALCULATED							

Vent Silencers

Data Sheet

VPR Series

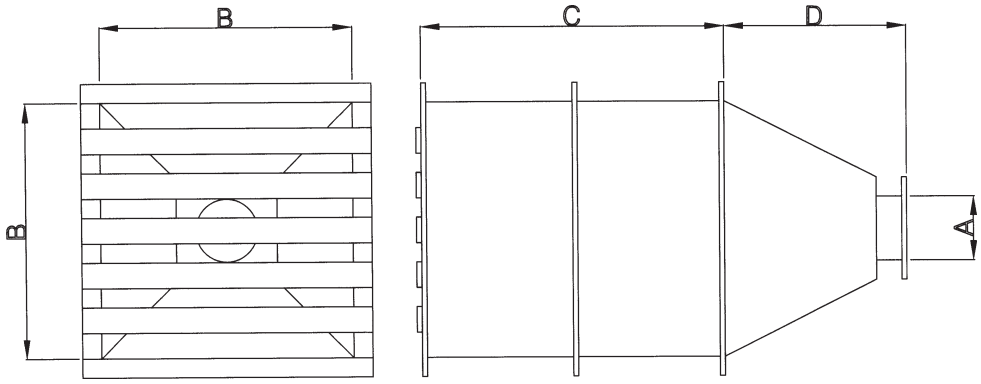
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* High Performance * Large Volume * Built-in Diffuser * Suitable For Steam, Air and Gas

Features

* Heavy Duty Construction * Demountable For Refurbishing * Hot Dip Galvanised Or High Temperature Paint Finish * Optional Noise Reduction Performance 20dBA, 30dBA, 40dBA Or Custom Built * Optional Mounting Brackets And Lifting Eyes * STD Drain Connection 25mm NB Socket * High Temperature Acoustic Absorption Infill With Glass Cloth Facing * Stainless Steel Wire Mesh Erosion Barrier * Perforated Stainless Steel Infill Retaining Screens



PART No.	A RANGE	B	C	D	VOLUME tonne/h	REDUCTION dBA	MASS kg (approx)
VPR 1.1	75 - 150	600	1200	400	8	20	*
VPR 1.2	75 - 150	600	1800	400	8	30	*
VPR 1.3	75 - 150	600	2000	400	8	40	*
VPR 2.1	100 - 200	750	1200	400	12	20	*
VPR 2.2	100 - 200	750	1800	400	12	30	*
VPR 2.3	100 - 200	750	2000	400	12	40	*
VPR 3.1	100 - 250	900	1200	600	21	20	*
VPR 3.2	100 - 250	900	1800	600	21	30	*
VPR 3.3	100 - 250	900	2000	600	21	40	*
VPR 4.1	150 - 300	1000	1200	600	26	20	*
VPR 4.2	150 - 300	1000	1800	600	26	30	*
VPR 4.3	150 - 300	1000	2000	600	26	40	*
VPR 5.1	200 - 350	1200	1200	800	37	20	720
VPR 5.2	200 - 300	1200	1800	800	37	30	960
VPR 5.3	200 - 350	1200	2000	800	37	40	1150
VPR 6.1	250 - 400	1500	1200	900	58	20	900
VPR 6.2	250 - 400	1500	1800	900	58	30	1200
VPR 6.3	250 - 400	1500	2000	900	58	40	1440
VPR 7.1	300 - 450	1800	1500	900	85	20	1080
VPR 7.2	300 - 450	1800	2000	900	85	30	1440
VPR 7.3	300 - 450	1800	2400	1200	85	40	1730
VPR 8.1	350 - 600	2100	1500	1200	114	20	*
VPR 8.2	350 - 600	2100	1800	1200	114	30	*
VPR 8.3	350 - 600	2100	2400	1200	114	40	*
VPR 9.1	400 - 800	2400	1500	1200	150	20	1440
VPR 9.2	400 - 800	2400	2000	1200	150	30	1920
VPR 9.3	400 - 800	2400	2400	1200	150	40	2300
NOISE REDUCTION PERFORMANCE AND MASS ARE CALCULATED							

Duct/Fan Silencers

Data Sheet

MSP Series

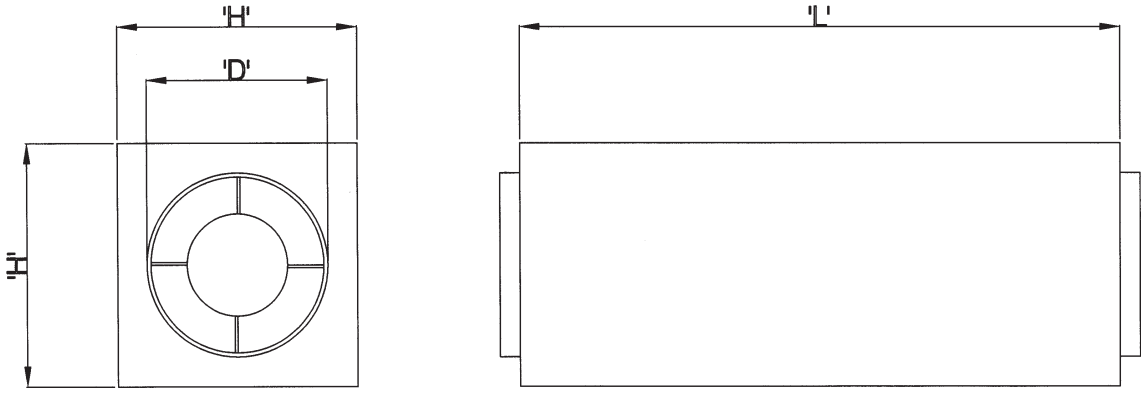
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* Multi-Section with Pod * Weather Hoods and Bird Screens Optional

Features

Connections: Sheet Steel Spigot (Standard). Rolled Angle Flange Built-in (Optional Extra). Flanged Spigot (Optional Extra).



INSERTION LOSS ATTENUATION IN DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
MODEL MSP ('L' = 3 X 'D')	5	8	22	31	38	37	27	19
MODEL MSP ('L' = 2 X 'D')	3	6	17	23	21	15	13	15

STATIC RESISTANCE PASCALS Pa							
MODEL MSP ('L' = 3 X 'D')	20	40	60	80	100	120	140
MODEL MSP ('L' = 2 X 'D')	15	35	55	75	95	125	135

'D'	'H'	'L' (3 X 'D')	'L' (2 X 'D')	AIR VOLUME LITRES PER SECOND l/s						
300	500	900	600	509	623	800	885	1020	1138	1240
350	500	1050	700	695	847	1090	1204	1386	1552	1692
400	600	1200	800	904	1109	1430	1570	1810	2023	2212
450	600	1350	900	1147	1404	1811	1990	2295	2561	2800
500	700	1500	1000	1414	1733	2235	2456	2830	3166	3460
550	700	1650	1100	1714	2095	2705	2970	3424	3828	4193
600	800	1800	1200	2038	2495	3220	3530	4076	4557	4990
650	800	1950	1300	2395	2928	3780	4146	4790	5352	5860
700	900	2100	1400	2776	3395	4381	4810	5550	6204	6793
750	900	2250	1500	3185	3900	5035	5518	6372	7119	7800
800	1000	2400	1600	3623	4438	5730	6275	7248	8100	8874
900	1100	2700	1800	4585	5614	7248	7942	9172	10252	11232
1000	1200	3000	2000	5661	6933	8955	9805	11324	12657	13870
1200	1400	3600	2400	8152	9980	12890	14119	16305	18228	19974
1400	1600	4200	2800	11095	13585	17550	19214	22190	24809	27190

Duct/Fan Silencers

Data Sheet

MSS Series

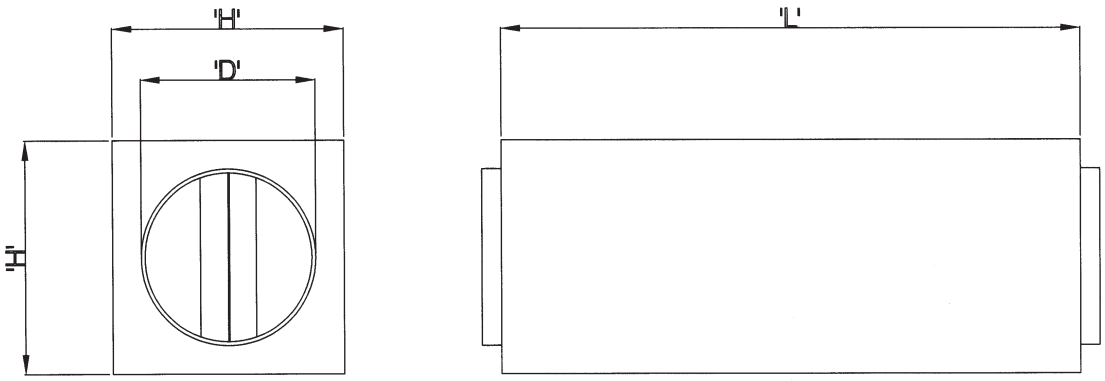
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

* Multi-Section with Splitter * Weather Hoods and Bird Screens Optional

Features

Connections: Sheet Steel Spigot (Standard). Rolled Angle Flange Built-in (Optional Extra). Flanged Spigot (Optional Extra).



INSERTION LOSS ATTENUATION IN DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
MODEL MSS ('L' = 3 X 'D')	4	7	22	30	37	36	25	18
MODEL MSS ('L' = 2 X 'D')	3	6	17	23	23	17	15	15

STATIC RESISTANCE PASCALS Pa							
MODEL MSS ('L' = 3 X 'D')	20	40	60	80	100	120	140
MODEL MSS ('L' = 2 X 'D')	15	35	55	75	95	125	135

'D'	'H'	'L' (3 X 'C')	'L' (2 X 'D')	AIR VOLUME LITRES PER SECOND l/s						
300	500	900	600	509	623	800	885	1020	1138	1240
350	500	1050	700	695	847	1090	1204	1386	1552	1692
400	600	1200	800	904	1109	1430	1570	1810	2023	2212
450	600	1350	900	1147	1404	1811	1990	2295	2561	2800
500	700	1500	1000	1414	1733	2235	2456	2830	3166	3460
550	700	1650	1100	1714	2095	2705	2970	3424	3828	4193
600	800	1800	1200	2038	2495	3220	3530	4076	4557	4990
650	800	1950	1300	2395	2928	3780	4146	4790	5352	5860
700	900	2100	1400	2776	3395	4381	4810	5550	6204	6793
750	900	2250	1500	3185	3900	5035	5518	6372	7119	7800
800	1000	2400	1600	3623	4438	5730	6275	7248	8100	8874
900	1100	2700	1800	4585	5614	7248	7942	9172	10252	11232
1000	1200	3000	2000	5661	6933	8955	9805	11324	12657	13870
1200	1400	3600	2400	8152	9980	12890	14119	16305	18228	19974
1400	1600	4200	2800	11095	13585	17550	19214	22190	24809	27190

Duct/Fan Silencers

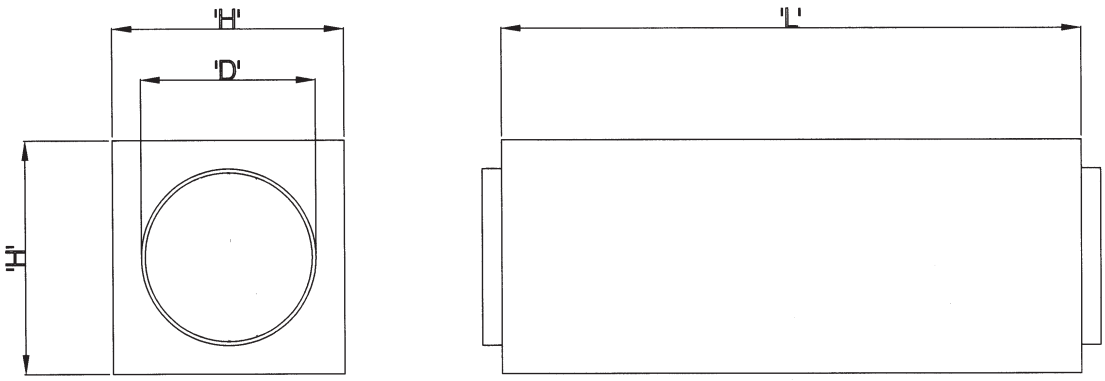
Data Sheet

MS Series

* Multi-Section * Weather Hoods and Bird Screens Optional

Features

Connections: Sheet Steel Spigot (Standard). Rolled Angle Flange Built-in (Optional Extra). Flanged Spigot (Optional Extra).



INSERTION LOSS ATTENUATION IN DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
MODEL MS ('L' = 3 X 'D')	1	4	9	14	11	9	9	9
MODEL MS ('L' = 2 X 'D')	*	3	7	11	10	9	8	8

STATIC RESISTANCE PASCALS Pa							
MODEL MS ('L' = 3 X 'D')	7	15	22	30	37	44	52
MODEL MS ('L' = 2 X 'D')	6	14	20	25	30	40	45

'D'	'H'	'L' (3 X 'C')	'L' (2 X 'D')	AIR VOLUME LITRES PER SECOND l/s						
300	500	900	600	509	623	800	885	1020	1138	1240
350	500	1050	700	695	847	1090	1204	1386	1552	1692
400	600	1200	800	904	1109	1430	1570	1810	2023	2212
450	600	1350	900	1147	1404	1811	1990	2295	2561	2800
500	700	1500	1000	1414	1733	2235	2456	2830	3166	3460
550	700	1650	1100	1714	2095	2705	2970	3424	3828	4193
600	800	1800	1200	2038	2495	3220	3530	4076	4557	4990
650	800	1950	1300	2395	2928	3780	4146	4790	5352	5860
700	900	2100	1400	2776	3395	4381	4810	5550	6204	6793
750	900	2250	1500	3185	3900	5035	5518	6372	7119	7800
800	1000	2400	1600	3623	4438	5730	6275	7248	8100	8874
900	1100	2700	1800	4585	5614	7248	7942	9172	10252	11232
1000	1200	3000	2000	5661	6933	8955	9805	11324	12657	13870
1200	1400	3600	2400	8152	9980	12890	14119	16305	18228	19974
1400	1600	4200	2800	11095	13585	17550	19214	22190	24809	27190

Duct/Fan Silencers

Data Sheet

Cylindrical Silencers

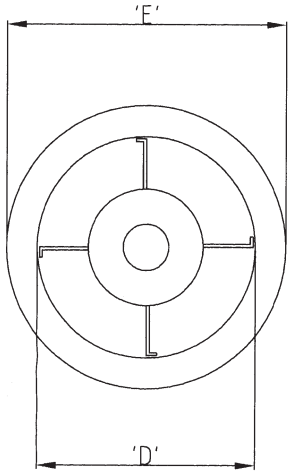
With And Without Pod

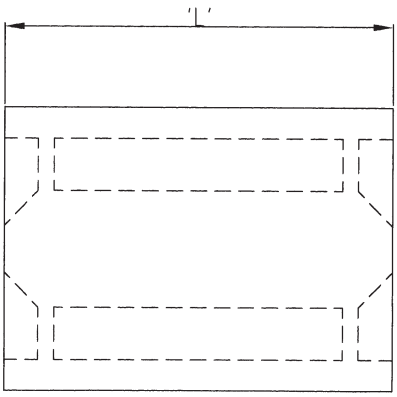
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

Features

Connections Options: Pre Drilled To Suit Flange. External Rolled Angle Flange. Spigot Without Flange. Galvanised Steel Sheet Construction. Heavy Duty Construction.





INSERTION LOSS ATTENUATION IN DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
CIRCULAR SILENCER WITH POD 2 X D	3	6	16	27	34	32	25	16
CIRCULAR SILENCER WITHOUT POD 2 X D	*	3	7	11	10	9	8	8
CIRCULAR SILENCER WITHOUT POD 3 X D	1	4	9	14	11	9	9	9

STATIC RESISTANCE PASCALS Pa							
MODEL CB 2 X D WITH POD	20	40	60	80	100	120	140

MODEL	'D'	'E'	'L'	AIR VOLUME LITRES PER SECOND l/s						
CB300	300	500	600	542	675	865	955	1100	1225	1342
CB350	350	550	750	742	920	1180	1298	1495	1670	1828
CB400	400	600	800	971	1200	1540	1695	1952	2180	2390
CB450	450	650	900	1228	1519	1950	2140	2471	2760	3023
CB500	700	700	1000	1518	1870	2400	2645	3047	3408	3733
CB550	700	750	1100	1837	2265	2918	3200	3452	4120	4519
CB600	600	800	1200	2190	2695	3470	3810	4390	4906	5376
CB650	650	850	1300	2571	3165	4075	4475	5157	5764	6314
CB700	700	900	1400	2980	3665	4720	5185	5976	6676	7319
CB750	750	950	1500	3423	4209	5420	5950	6862	7670	8400
CB800	800	1000	1600	3900	4785	6170	6765	7804	8725	9557
CB900	900	1100	1800	4933	6055	7808	8565	9880	11045	12095
CB1000	1000	1200	2000	6095	7475	9640	10570	12195	13635	14933
CB1200	1200	1400	2400	8775	10765	13883	15224	17561	19635	21504
CB1400	1400	1600	2800	11947	14650	18895	20720	23904	26728	29295

Duct/Fan Silencers

Data Sheet

Insert Pods & Splitters

For Cylindrical Ducts

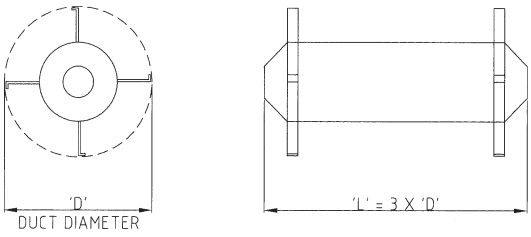
Peace NOISE & VIBRATION CONTROL

Quality Endorsed Company

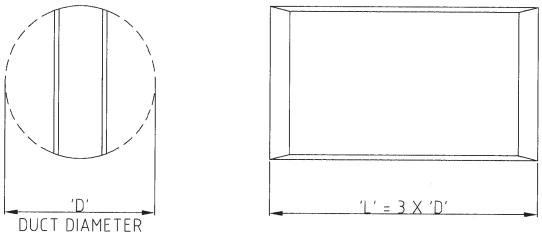
Features

Designed To Fit Into Existing Ducts

MODEL CIP



MODEL CIS



INSERTION LOSS ATTENUATION IN DECIBELS dB								
OCTAVE BAND CENTRE FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
CIP & CIS LENGTH 3 X D	1	4	9	13	14	14	12	8

STATIC RESISTANCE PASCALS Pa							
CIP ➪ (INSERT POD)	20	40	60	80	100	120	140
CIP ➨ (INSERT SPLITTER)	25	50	70	90	120	140	160

'D' EXISTING DUCT INTERNAL DIAMETER	AIR VOLUME LITRES PER SECOND l/s						
400	900	1110	1430	1570	1810	2020	2219
450	1140	1400	1810	1990	2295	2560	2809
500	1410	1735	2235	2456	2828	3165	3466
550	1710	2095	2700	2970	3423	3825	4200
600	2030	2495	3220	3530	4076	4555	4995
650	2390	2930	3780	4145	4790	5350	5866
700	2770	3400	4380	4810	5547	4203	6800
750	3180	3900	5030	5520	6371	7118	7804
800	3620	4440	5730	6257	7247	8100	8880
900	4580	5620	7250	7940	9171	10250	11238

NOMINATION OF SELECTED INSERT: DIAMETER OF EXISTING DUCT X INSERT TYPE
e.g. 450 CIP – Pod type for 450 diameter duct.

INSERT PODS & SPLITTERS: Are a cost effective alternative to fitting a full silencer. Where the situation allows insertion of a POD or SPLITTER can provide the required noise reduction without the complication of introducing a full silencer into an existing POD.