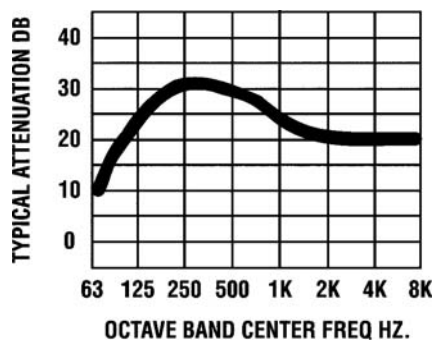


HAPCO Residential Grade - RSL Series End Inlet - End Outlet

SIZE INLET MODEL	DWG #	A	B	C	D	E	WT (Lbs.)
624RSL1-4	2200A-1	1.25	6	24	29	2.5	13
724RSL1-8	2201A-1	1.5	7	24	30	3	15
7524RSL2	2202A-1	2	7.5	24	30	3	18
826RSL2-8	2203A-1	2.5	8	26	32.75	3.375	31
930RSL3	2204A-1	3	9	30	36.5	3.25	52.5
1030RSL3-8	2205A-1	3.5	10	30	36.25	3.125	52.5
1136RSL4	2206A-1	4	11	36	44.75	4.375	80
1242RSL5	2207A-1	5	12	42	50.75	4.375	88
1448RSL6	2208A-1	6	14	48	56.75	4.375	141
2052RSL8	2209A-1	8	20	52	65.5	6.75	285
2472RSL10	2210A-1	10	24	72	88	8	419
2872RSL12	2211A-1	12	28	72	86.25	7.125	498
3080RSL14	2212A-1	14	30	80	94.75	7.375	726
3688RSL16	2213A-1	16	36	88	104.75	8.375	898
3698RSL18	2214A-1	18	36	98	114.75	8.375	980
42130RSL20	2215A-1	20	42	130	152	11	1700
48142RSL22	2216A-1	22	48	142	170.5	14.25	2200
48152RSL24	2217A-1	24	48	152	180.5	14.25	2400
54168RSL26	2218A-1	26	54	168	196.5	14.25	3300
60177RSL28	2219A-1	28	60	177	205.5	14.25	5400
66185RSL30	2220A-1	30	66	185	216	15.5	6500
72185RSL36	2221A-1	36	72	185	216	15.5	8200

*For price information see Section 2 Page 2

*Note Estimated weight only



Recommended Applications:

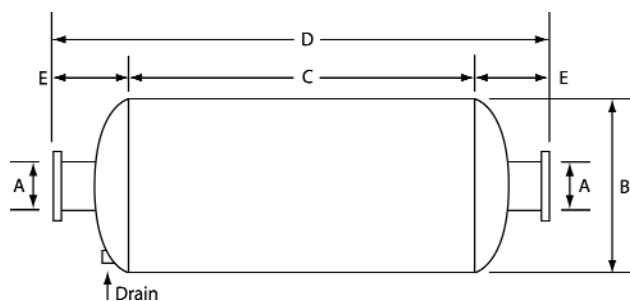
- Emergency Diesel Generator Sets
- Mobile Equipment
- Air intake silencer on diesel engines
- Other types of applications where the surrounding noise level is medium
- Marine
- Oil Field Equipment
- Railroad Rightaway Equipment
- Airport Equipment
- Logging & Construction
- Military Equipment

Features:

- Attenuation 18 - 23 dBA
- All welded heavy steel construction

Accessories:

- Flexible Connectors
- Mounting Bands
- Hanger Brackets
- Gaskets HiTemp
- Nuts & Bolts
- Flanges
- Wye Connectors
- Optional materials available like Corten and Stainless Steel
- Explosion Relief Vents
- Inspection Ports
- Wall & Roof Thimbles
- Insulated Blankets
- Mitered Exhaust Pipe Extension with Bird Screen
- Rain Caps
- Flanged Spools

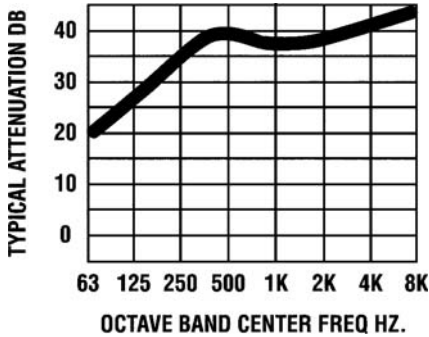


HAPCO
Residential Grade - RSL Series
Side Inlet - End Outlet

SIZE INLET MODEL	DWG #	A	B	C	D	E	F	G	H	I	WT (Lbs.)
624RSL1-4 SI	2300A-1	1.25	6	24	27.5	0.5	2.25	3	2	24.5	15
726RSL1-8 SI	2300A-5	1.5	7	26	28.75	0.5	2.25	3	2	25.75	20
752RSL2 SI	2300A-7	2	7.5	28	30.75	0.5	2.25	3	2	27.75	20
832RSL2-8 SI	2301A-1	2.5	8	32	36.125	0.75	3.375	3.125	2.5	33	22
932RSL3 SI	2302A-1	3	9	32	36.125	0.75	3.375	3.375	2.5	32.5	40
1036RSL3-8 SI	2303A-1	3.5	10	36	40	0.875	3.125	4	2.5	36	63
1138RSL4 SI	2304A-1	4	11	38	43.25	0.875	4.375	4.25	3.5	39	68
1248RSL5 SI	2305A-1	5	12	48	53.25	0.875	4.375	4.75	3.5	48.5	86
1458RSL6 SI	2306A-1	6	14	58	63.25	0.875	4.375	5.5	3.5	57.5	113
2064RSL8 SI	2307A-1	8	20	64	77.5	3.25	6.75	10.75	4	68.5	270
2286RSL10 SI	2308A-1	10	22	86	97	3.5	7.5	10.75	4	86.25	475
2690RSL12 SI	2309A-1	12	26	90	102	4	8	12.5	4	89.5	575
3094RSL14 SI	2310A-1	14	30	94	107	4.5	8.5	15.5	4	91.5	850
3610RSL16 SI	2311A-1	16	36	106	120.5	5.25	9.25	17.25	4	103.25	975
36112RSL18 SI	2312A-1	18	36	112	127.25	5.25	10	18.25	4	109	1170
42130RSL20 SI	2313A-1	20	42	130	146.875	3.25	10.25	20.625	4	126.25	1570
42148RSL22 SI	2314A-1	22	42	148	168.25	6.625	10.62	22.25	4	143	1750
48176RSL24 SI	2315A-1	24	48	176	202	8.25	14.25	24.25	5	177.75	2600
54194RSL26SI	2316A-1	26	54	194	218.25	10	14.25	27	5	197.25	3700
60202RSL28 SI	2317A-1	28	60	202	230.5	10	16	28	5	202.5	5800
66224RSL30 SI	2318A-1	30	66	224	245	11	17	30	5	215	7200
72224RSL36 SI	2319A-1	36	72	224	253.12	12.12	17	31.12	5	215	8400

*For price information see Section 2 Page 2

*Note Estimated weight only



Recommended Applications:

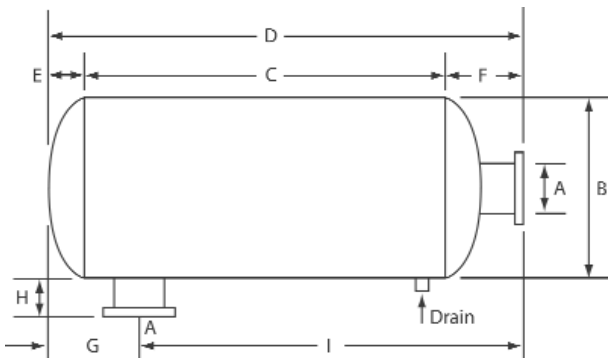
- Emergency Diesel Generator Sets
- Mobile Equipment
- Air intake silencer on diesel engines
- Other types of applications where the surrounding noise level is medium
- Marine
- Oil Field Equipment
- Railroad Rightaway Equipment
- Airport Equipment
- Logging & Construction
- Military Equipment

Features:

- Attenuation 18 - 23 dBA
- Heavy duty all welded steel construction
- High temperature primer and paint
- Condensation drain included
- 3" inlet size and larger flanged

Accessories:

- Flexible Connectors
- Mounting Bands
- Hanger Brackets
- Gaskets HiTemp
- Nuts & Bolts
- Flanges
- Wye Connectors
- Optional materials available like Corten and Stainless Steel
- Explosion Relief Vents
- Inspection Ports
- Wall & Roof Thimbles
- Insulated Blankets
- Mitered Exhaust Pipe Extension with Bird Screen
- Rain Caps
- Flanged Spools



HAPCO

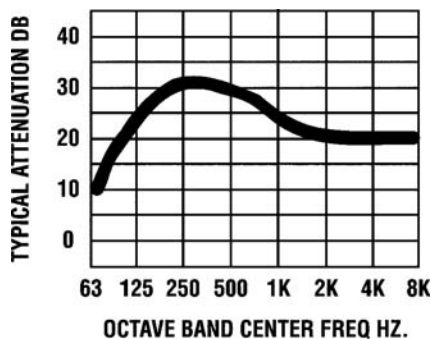
Residential Grade Marine VMS Series

Compact Design - End Inlet - End Outlet

MODEL INLET SIZE	DWG #	A	B	C	D	E	WT (Lbs.)
528VMS2	2400A-1	2	5	28	35	3.5	19
635VMS2-8	2401A-1	2.5	6	35	43	4	39
740VMS3	2402A-1	3	7	40	48	4	56
848VMS3-8	2403A-1	3.5	8	48	56.75	4.375	62
948VMS4	2404A-1	4	9	48	56.75	4.375	87
1148VMS5	2405A-1	5	11	48	56.75	4.375	110
1154VMS6	2406A-1	6	11	54	63.75	4.875	148
1457VMS8	2407A-1	8	14	57	66.75	4.875	208
1874VMS10	2408A-1	10	18	74	88	7	345
2280VMS12	2409A-1	12	22	80	95	7.5	485
2490VMS14	2410A-1	14	24	90	105.5	7.75	630
2896VMS16	2411A-1	16	28	96	112	8	760

*For price information see Section 2 Page 2

*Note Estimated weight only



Recommended Applications:

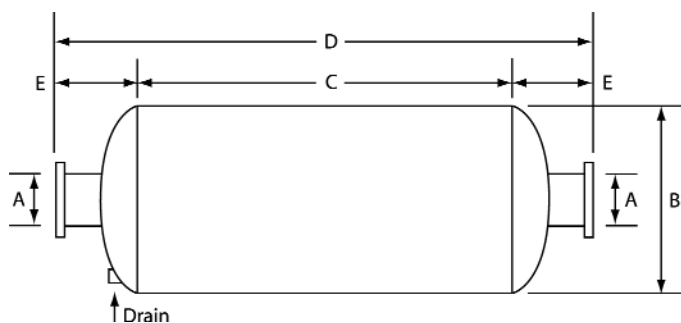
- Diesel exhaust on Marine applications where the silencer exhaust diameter is limited

Features:

- Attenuation 18 - 26 dBA
- All welded steel or optional stainless steel
- High temperature primer and paint
- Flanged connections

Accessories:

- Flexible Connectors
- Mounting Bands
- Hanger Brackets
- Gaskets HiTemp
- Nuts & Bolts
- Flanges
- Wye Connectors
- Optional materials available like Corten and Stainless Steel
- Explosion Relief Vents
- Inspection Ports
- Wall & Roof Thimbles
- Insulated Blankets
- Mitered Exhaust Pipe Extension with Bird Screen
- Rain Caps
- Flanged Spools



HAPCO
Semi - Residential Grade IRTS Series
End Inlet - End Outlet

SIZE MODEL	DWG #	A	B	C	D	E	WT (Lbs.)
1024IRTS3-8	2500A-1	3.5	10	24	32.75	4.375	40
1130IRTS4	2501A-1	4	11	30	38.75	4.375	65
1230IRTS5	2502A-1	5	12	30	38.75	4.375	70
1248IRTS6	2503A-1	6	12	48	56.75	4.375	98
1658IRTS8	2504A-1	8	16	58	68	5	170
1860IRTS10	2505A-1	10	18	60	74	7	250
2467IRTS12	2506A-1	12	24	67	82	7.75	300
2674IRTS14	2507A-1	14	26	74	90	8	320
2890IRTS16	2508A-1	16	28	90	106.75	8.375	550
30103IRTS18	2509A-1	18	30	103	120	8.5	670
36123IRTS20	2510A-1	20	36	123	143.5	10.25	985
42132IRTS22	2511A-1	22	42	132	155.25	11.625	1310
42156IRTS24	2512A-1	24	42	156	179.25	11.625	1600
48169IRTS26	2513A-1	26	48	169	195.5	13.25	2100
48193IRTS28	2514A-1	28	48	193	219.5	13.25	2600
54233IRTS30	2515A-1	30	54	233	259.5	13.25	3000

*For price information see Section 2 Page 3

*Note Estimated weight only

Features:

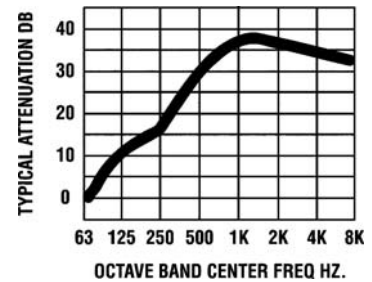
- Attenuation 22-27dBA for low pressure drop applications
- All welded steel or optional stainless steel
- High temperature primer and paint
- Flanged connections

Recommended Applications:

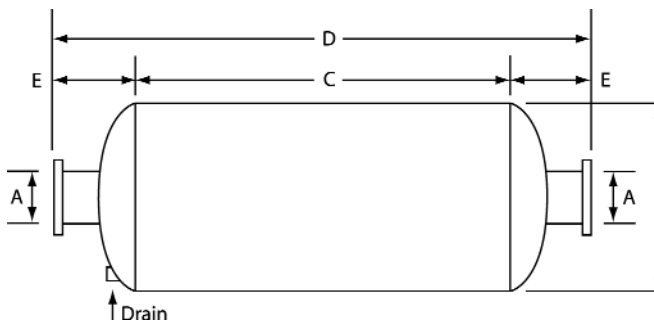
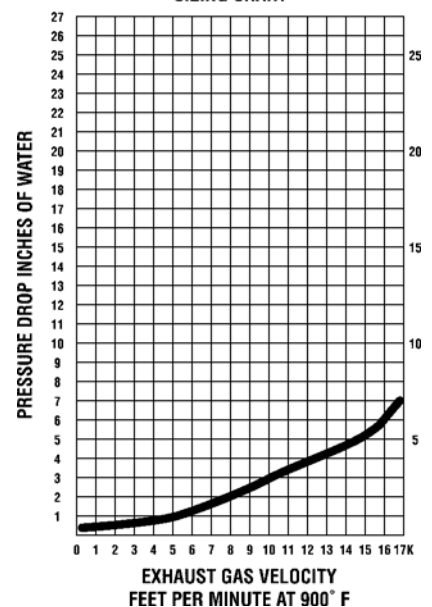
- Absorptive type design
- Designed for high frequency noise commonly found in:
 - Gas Turbine
 - Vacuum Pump Discharge
 - Centrifugal Compressors
 - Blower Discharge
 - Some Diesel Exhaust Systems

Accessories:

- Flexible Connectors
- Mounting Bands
- Hanger Brackets
- Gaskets HiTemp
- Nuts & Bolts
- Flanges
- Wye Connectors
- Optional materials available like Corten and Stainless Steel
- Explosion Relief Vents
- Inspection Ports
- Wall & Roof Thimbles
- Insulated Blankets
- Mitered Exhaust Pipe Extension with Bird Screen
- Rain Caps
- Flanged Spools



EXHAUST VELOCITY PRESSURE LOSS SIZING CHART

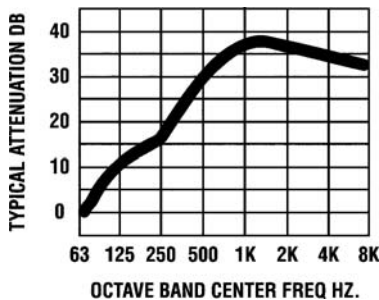


HAPCO
SEMI - Residential Grade IRTS Series
Side Inlet - End Outlet

SIZE MODEL	DWG #	A	B	C	D	E	F	G	H	I	WT (Lbs.)
1029IRTS3-8SI	2600A-1	3.5	10	29	34.25	0.875	4.375	3.5	3.5	30.75	48
1137IRTS4SI	2601A-1	4	11	37	42.25	0.875	4.375	3.75	3.5	38.5	61
1242IRTS5SI	2602A-1	5	12	42	47.25	0.875	4.375	4.5	3.5	42.75	73
1248IRTS6SI	2603A-1	6	12	48	53.25	0.875	4.375	5	3.5	48.25	85
1660IRTS8SI	2604A-1	8	16	60	66	1	5	6	4	60	196
1866IRTS10SI	2605A-1	10	18	66	76	3	7	10.25	4	65.75	272
2478IRTS12SI	2606A-1	12	24	78	88.75	3.75	7	11.25	4	77.5	455
2688IRTS14SI	2607A-1	14	26	88	99.125	4	7.125	12.375	4	86.75	560
2896IRTS16SI	2608A-1	16	28	96	107.375	4.375	7	14.75	4	92.75	620
30105IRTS18SI	2609A-1	18	30	105	116.875	4.5	7.375	17.125	4	99.75	795
36124IRTS20SI	2610A-1	20	36	124	138.625	5.25	9.375	9.375	5	120.75	1182
42143IRTS22SI	2611A-1	22	42	143.5	160.625	6.625	10.5	6.625	5	141	1500
42198IRTS24SI	2612A-1	24	42	198.5	215.875	6.625	10.75	22.375	5	193.5	1710
48212IRTS26SI	2613A-1	26	48	212	233.25	8.25	13	23.25	5	209	2400
48225IRTS28SI	2614A-1	28	48	225	246.75	8.25	13.5	24.25	5	221.5	3240
54253IRTS30SI	2615A-1	30	54	253.5	276.75	10	13.25	26.25	5	250.5	3992
60274IRTS36SI	2616A-1	36	60	274.5	297.75	10	13.25	30.75	5	267	4906

*For price information see Section 2 Page 3

*Note Estimated weight only



Recommended Applications:

- Absorptive type design
- Designed for high frequency noise commonly found in:
 - Gas Turbine
 - Vacuum Pump Discharge
 - Centrifugal Compressors
 - Blower Discharge
 - Some Diesel Exhaust Systems

Features:

- Attenuation 22-27dBA for low pressure drop applications
- All welded steel or optional stainless steel
- High temperature primer and paint
- Condensation drain included
- Flanged connections

Accessories:

- Flexible Connectors
- Mounting Bands
- Hanger Brackets
- Gaskets HiTemp
- Nuts & Bolts
- Flanges
- Wye Connectors
- Optional materials available like Corten and Stainless Steel
- Explosion Relief Vents
- Inspection Ports
- Wall & Roof Thimbles
- Insulated Blankets
- Mitered Exhaust Pipe Extension with Bird Screen
- Rain Caps
- Flanged Spools

