

Dual Side Inlet Vortex Assisted Exhaust for Low Pressure Drop

SIZE MODEL	DWG #	A1	A	B	C	D	E	F	G	H	I	WT (Lbs.)
1034VRS2-8x2-8x4	1100A-1	2.5	4	10	34	39.125	0.875	4.25	5.5	4	33.5	65
1236VRS3x3x5	1101A-1	3	5	12	36	41.625	0.875	4.75	5.5	4	36	145
1648VRS4x4x6	1102A-1	4	6	16	48	53.75	1	4.75	5.5	4	48	168
2060VRS5x5x8	1103A-1	5	8	20	60	70.5	3.25	7.25	9.75	4	60.75	395
2468VRS6x6x10	1104A-1	6	10	24	68	79.5	3.75	7.75	11	6	68.5	596
2878VRS8x8x12	1105A-1	8	12	28	78	90.625	4.375	8.25	12.5	6	79	835
30108VRS8x8x14	1106A-1	8	14	30	108	121	4.5	8.5	12.5	6	108.5	1255
36120VRS10x10x16	1107A-1	10	16	36	120	134.5	5.25	9.25	13.25	8	121.25	1417
42138VRS12x12x18	1108A-1	12	18	42	138	154.625	6.625	10	15.25	8	139.75	1985
54150VRS12x12x20	1109A-1	12	20	54	150	173.25	10	13.25	18.25	8	153.25	2679
60180VRS18x18x30	1110A-1	18	30	60	180	205.25	10	15.25	21.75	8	183.25	3566
72218VRS20x20x36	1111A-1	20	36	72	218	246.87	12.12	16.75	24.25	8	209.75	897

*For price information see Section 2 Page 5

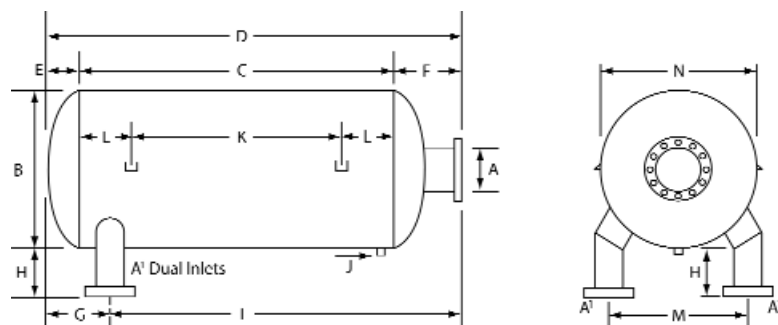
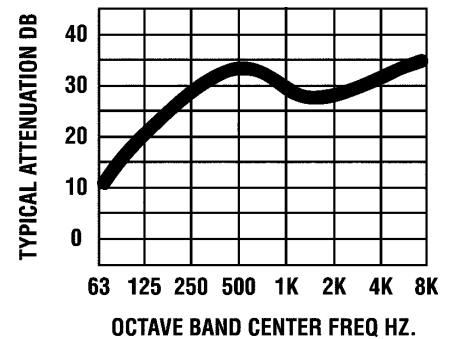
*Note Estimated weight only

Features:

- Attenuation 19-32 dBA
- The rotation of exhaust gas allows for a clean transition through the silencer with limited pressure loss
- This type of design allows for a change in the noise frequency to a higher band, the results are a much simpler sound to attenuate
- This is accomplished by the absorbing and annulling of the noise by a series of chambers with acoustical packing.
- The multi-chambered design also allows us to attenuate the lower frequency bands present in the exhaust
- A side branch designed chamber provides the last step to de-energize the noise
- Hanger brackets and condensation drain included
- Exhaust gases flow through the silencer in a vortex motion and noise reduction is accomplished by a combination of absorption & annulling of noise waves resulting in reduced silencer diameters
- Sound data is based on **Flow Velocity Not To Exceed 9000 FPM**, see engineering section chart
- Standard heavy duty all welded steel construction with high temperature primer and black paint
- Optional stainless steel construction or zinc based high heat and high corrosion resistant paint

Applications:

- Hospitals
- Ships, Tug and Fishing Boats
- Waste Water Plants
- Schools
- High Tech Industries
- And other environmental impact areas



- Mounting Bands
- Hanger Brackets
- Wye Connectors
- Wall and Roof Thimbles
- High Temp Exhaust Blankets
- Support Legs for Vertical Mounting
- Exhaust Pipe Spools
- Backfire Relief Vents
- Flanges of all types
- Clean Outs or Inspection Ports
- Gaskets - Hi Temp
- Nuts & Bolts