

R Silencer

No. 906-11



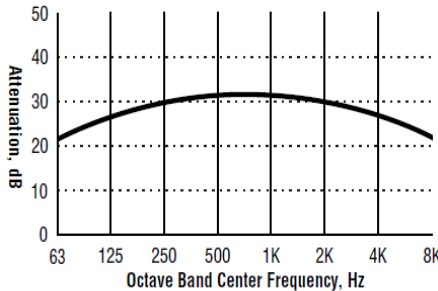
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A DIVISION OF METAL FORM MANUFACTURING

ENGINEERING DATA

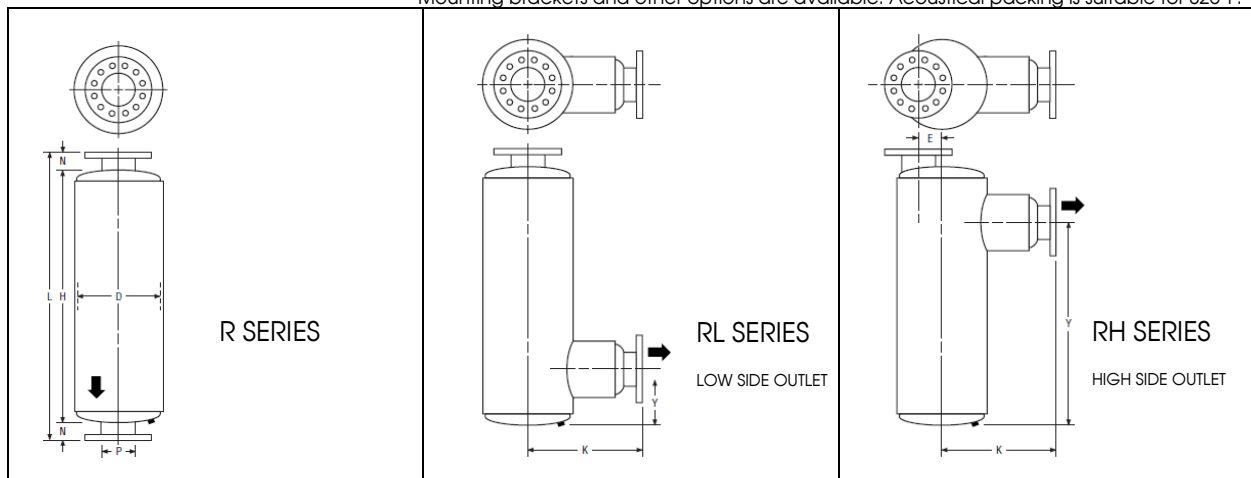
Supersedes No. 906-97

Typical Attenuation Curve



TYPE R COMBINATION CHAMBER-ABSORPTIVE TYPE INLET SILENCER

The R Series Inlet Silencer is a heavy-duty, all welded unit constructed of carbon steel sheet and plate. It features an acoustically treated outlet and will provide pulse control and silencing suitable for critical PLV applications. Sizes 4" and larger are equipped with flanged connections drilled to 125/150 lb. ANSI specifications. Smaller sizes are standard with male threaded pipe nipples. Exterior surfaces receive a shop coat of rust inhibitive primer and may be finished painted in the field if desired. The R Series is the basic model having conventional end inlet/end outlet configuration. The low side inlet version is designated RL Series and high side outlet configuration is designated RH Series. The three types are fundamentally alike and performance is identical. Mounting brackets and other options are available. Acoustical packing is suitable for 325°F.



DIMENSIONS IN INCHES, WEIGHT IN POUNDS

P (SIZE)	D	L	N	H	K		E	Y				WGT.
					RL	RH		RL		RH		
								MIN.	MAX.	MIN.	MAX.	
1 1 1/2 2	6	28 1/2	3	22 1/2	8 1/2	-	-	FIXED AT 6			15	
2 1/2 3 3 1/2	8 6 6	33 28 1/2 28 1/2	3 3 3	27 22 1/2 22 1/2	9 8 1/2 8 1/2	- - -	- - -	FIXED AT 7 FIXED AT 8 FIXED AT 9		2 1/2 THRU 3 1/2 AVAILABLE ON SPECIAL ORDER	25 30 40	
4 5 6	10 12 14	45 57 1/2 64	3 3 3	39 51 1/2 58	12 1/2 15 1/2 17	14 1/2 17 1/2 20	2 1/4 2 3/4 3 1/4	7 1/2 9 9	16 1/2 23 25 1/2	30 1/2 40 49 1/2	32 1/2 43 1/2 54	50 80 190
8 10 12	18 22 26	72 85 98	3 1/2 3 1/2 3 1/2	65 78 91	21 1/2 25 1/2 29 1/2	26 1/2 32 1/2 38	4 5 6	12 13 1/2 15	30 1/2 37 44	49 1/2 61 1/2 69	54 65 1/2 77	190 380 550
14 16 18	30 36 42	111 113 126	3 1/2 3 1/2 3 1/2	104 106 119	30 35 1/2 41	40 49 1/2 57 1/2	7 1/2 0 0	16 1/2 18 1/2 20 1/2	50 51 58 1/2	81 56 1/2 62 1/2	89 1/2 88 1/2 100 1/2	800 1,050 1,350
20 22 24	42 48 54	140 153 167	4 1/2 4 1/2 4 1/2	131 144 158	47 46 1/2 54	62 1/2 65 1/2 75 1/2	0 0 0	22 23 1/2 25 1/2	63 1/2 69 1/2 75	70 78 86	111 123 135	1,500 2,100 2,700
26 28 30	54 60 66	179 193 206	4 1/2 4 1/2 4 1/2	170 184 197	55 1/2 61 66 1/2	76 84 1/2 93 1/2	0 0 0	25 1/2 29 1/2 30 1/2	87 91 98	86 95 103	147 157 170	3,050 3,850 5,150

NOTE: Dimensions and weights are nominal and may vary slightly with production models. Request certified drawings of specific models for exact dimensions

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