



NOISE SUPPRESSOR

SERVICE to 500°F

- Standard sizes 3/8" to 8". Consult Factory for additional sizes
- Effective over a broad frequency band (up to 12,000 Hz)
- Noise attenuation up to 26 dBA
- Expansion fittings not required
- Straight through design minimizes pressure drop, permitting normal valve sizing

Canadian Registration # CSA-OH 6266.5R1C

NOISE SUPPRESSORS

APPLICATION DATA

- Steam Pressure Reduction Stations where Noise Reduction is Desired

SUPPRESSOR ENDS

INLET ANSI	OUTLET ANSI
NPT	NPT
NPT	150#
NPT	300#
150#	150#
300#	150#
300#	300#

NOTE: ANSI 150# Flanges are flat faced.

It is recommended that the Noise Suppressor be insulated to reduce condensation formation in the acoustic material.

SIZING INFO
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DIMENSIONS inches (mm) AND WEIGHTS pounds (kg) INLET SIZE 2½" TO 8"

NOMINAL PIPE SIZE			D-INSTALLED LENGTH		APPROX. WEIGHT		Average Attenuation dBa†
A INLET	B OUTLET	C SHELL	150# x 150#	300# x 300#	150# x 150#	300# x 300#	
2½ (65)	4 (100)	6 (150)	47 (1010)	47 (1194)	97 (44)	109 (49)	16
2½ (65)	5 (125)	6 (150)	47½ (1200)	48⅞ (1222)	99 (45)	115 (52)	16
3 (80)	4 (100)	6 (150)	47 (1009)	47¾ (1214)	99 (45)	103 (47)	14
3 (80)	5 (125)	6 (150)	47½ (1207)	48¼ (1227)	101 (46)	119 (54)	14
3 (80)	6 (150)	8 (200)	58⅞ (1488)	59⅝ (1506)	150 (68)	181 (82)	19
4 (100)	5 (125)	6 (150)	47¾ (1214)	48⅞ (1222)	105 (48)	129 (59)	12
4 (100)	6 (150)	8 (200)	54¾ (1392)	55½ (1410)	162 (74)	178 (81)	16
4 (100)	8 (200)	10 (250)	66¼ (1684)	67 (1702)	256 (116)	299 (134)	21
5 (125)	6 (150)	8 (200)	55¼ (1405)	56 (1422)	180 (82)	167 (76)	14
5 (125)	8 (200)	10 (250)	66¾ (1696)	67½ (1715)	289 (131)	247 (130)	19
5 (125)	10 (250)	12 (300)	89⅝ (2268)	90⅝ (2294)	455 (207)	428 (194)	26
6 (150)	8 (200)	10 (350)	66¾ (1697)	67½ (1715)	295 (134)	299 (136)	17
6 (150)	10 (250)	12 (300)	83¾ (2129)	84¾ (2154)	451 (205)	490 (222)	24
8 (200)	10 (250)	12 (300)	84¼ (2141)	85¼ (2166)	468 (213)	507 (230)	21

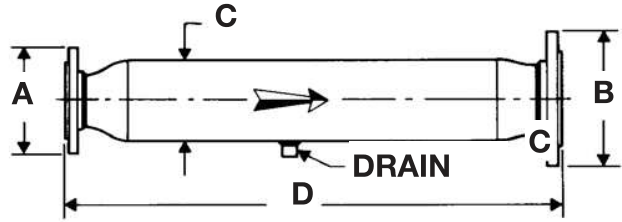
* ±1/4" for 8" Shell and under, otherwise ± 3/8".

† Consult factory for specifics.

NOISE SUPPRESSOR

SPECIFICATION

Noise Suppression equipment shall be of the dissipative reactive type. Suppressor shall not induce back pressure. It shall have expanded outlet flange for attachment to downstream piping. Equipment shall provide a minimum of 10 dBA reduction in noise. Installation must be insulated.



MATERIALS OF CONSTRUCTION

Pressure ShellWelded Steel Components
Acoustic MaterialStainless Steel

MAXIMUM OUTLET VELOCITY

feet per minute
(meters per minute)

NOMINAL PIPE SIZE	MAXIMUM VELOCITY
0 - 2 (0 - 51)	17,000 (5182)
2 1/2 - 8 (64 - 203)	11,000 (3353)
>8 (>203)	9,000 (2734)

DIMENSIONS inches (mm) AND WEIGHTS pounds (kg) INLET SIZES 3/8" TO 2"

NOMINAL PIPE SIZE			D* -- INSTALLED LENGTH			APPROX. WEIGHT					Average Attenuation dBa†
A INLET	B OUTLET	C SHELL	NPTxNPT	150x150#	300x300#	NPT x NPT	150# x 150#	300# x 300#	150# x 150#	300# x 300#	
3/8 (10)	3/4 (20)	2 (50)	18 (457)								16
3/8 (10)	1 (25)	2 (50)	18 5/16 (465)								16
3/8 (10)	1 1/2 (40)	3 (80)	26 5/8 (676)								22
1/2 (15)	1 (25)	2 (50)	21 5/16 (541)	19 7/8 (505)	20 5/16 (516)				12 (5.4)	13 (5.9)	12
1/2 (15)	1 1/4 (32)	2 1/2 (65)	23 15/16 (608)	22 1/8 (561)	22 5/8 (575)				15 (6.8)	17 (7.7)	15
1/2 (15)	1 1/2 (40)	3 (80)	27 1/16 (687)	25 5/8 (650)	22 1/16 (662)	19 (9)	26 (12)	29 (13)			20
3/4 (20)	1 1/4 (32)	3 (80)	28 3/8 (721)	26 5/8 (676)	27 1/8 (689)	19 (9)	25 (11)	28 (13)			16
3/4 (20)	2 (50)	3 (80)	28 5/8 (727)	26 5/8 (676)	27 1/8 (689)	19 (9)	31 (14)	34 (15)			16
1 (25)	1 1/2 (40)	3 (80)	25 3/4 (654)	23 7/8 (607)	24 3/8 (619)	18 (8)	27 (12)	31 (14)			12
1 (25)	2 (50)	4 (100)	36 (914)	34 (864)	34 1/2 (876)	28 (13)	33 (15)	36 (16)			13
1 1/4 (32)	2 (50)	4 (100)	36 1/16 (916)	34 1/16 (86)	34 5/8 (889)	29 (13)	34 (15)	38 (17)			14
1 1/4 (32)	3 (80)	4 (100)		34 3/16 (872)	35 (889)		34 (15)	39 (18)			14
1 1/2 (40)	3 (80)	4 (100)		31 7/16 (798)	32 1/16 (814)		31 (14)	34 (15)			12
2 (50)	3 (80)	4 (100)		31 1/2 (800)	32 1/8 (816)		37 (17)	45 (20)			10
2 (50)	4 (100)	5 (125)		39 3/4 (1010)	40 3/8 (1026)		67 (30)	69 (31)			14

* ±1/4" for 8" Shell and under, otherwise ± 3/8".

† Consult factory for specifics.