

Silencers - Cylindrical

Silencer Selection

Call Sillex for immediate assistance in selecting the appropriate silencer that best suits your application's acoustical and backpressure requirements or consult the silencer selection guide in our catalogue. You can also use Sillex's exclusive Silencer Sizing and Selection Program "Sillex Digital Engineer" found on the Company's secure website at www.sillex.com.

Application & Performance

The Critical Grade series are reactive silencers with good acoustical performance. All of the silencers are manufactured from light to heavy gauge steel and finished with high temperature paint. A drain is included as a standard component on the silencer.

Dimensions

Model	A	B In(mm)	C In(mm)	D In(mm)	F** In(mm)	G In(mm)	H In(mm)	Wgt. Lb(kg)
JB-1.5	1.5	9 (229)	24 (610)	30 (762)	4.0 (102)	7.5 (191)	27 (686)	21 (10)
JB-2	2	9 (229)	24 (610)	30 (762)	4.5 (114)	7.5 (191)	27 (686)	22 (10)
JB-2.5	2.5	10 (254)	28 (711)	34 (864)	5.0 (127)	8.0 (203)	31 (787)	31 (14)
JB-3	3	12 (305)	32 (813)	38 (660)	5.5 (140)	9.0 (229)	35 (889)	44 (20)
JB-3.5	3.5	14 (356)	36 (914)	42 (1067)	6.0 (152)	10.0 (254)	39 (991)	63 (29)
JB-4	4	14 (356)	40 (1016)	48 (1219)	6.0 (152)	11.0 (279)	44 (1118)	77 (35)
JB-5	5	16 (406)	49 (1245)	57 (1448)	7.0 (178)	12.0 (305)	53 (1346)	103 (47)
JB-6	6	18 (457)	55 (1397)	63 (1600)	8.0 (203)	13.0 (330)	59 (1499)	130 (59)
JB-8	8	22 (559)	68 (1727)	76 (1930)	9.5 (241)	15.0 (381)	72 (1829)	204 (93)
JB-10	10	26 (660)	81 (2057)	89 (2261)	11.5 (292)	17.0 (432)	85 (2159)	401 (182)
JB-12	12	30 (762)	94 (2388)	102 (2591)	13.0 (330)	19.0 (483)	98 (2489)	535 (243)
JB-14	14	36 (914)	99 (2515)	109 (2769)	15.5 (394)	23.0 (584)	104 (2642)	684 (310)
JB-16	16	40 (1016)	109 (2769)	119 (3023)	16.5 (419)	25.0 (635)	114 (2896)	1114 (505)
JB-18	18	45 (1143)	117 (2972)	127 (3226)	18.0 (457)	27.5 (699)	122 (3099)	1579 (716)
JB-20	20	50 (1270)	127 (3226)	137 (3480)	20.5 (521)	30.0 (762)	132 (3353)	2189 (993)
JB-22	22	54 (1372)	139 (3531)	149 (3785)	22.5 (572)	32.0 (813)	144 (3658)	2538 (1151)
JB-24	24	60 (1524)	152 (3861)	162 (4115)	24.0 (610)	35.0 (889)	157 (3988)	3116 (1413)
JB-26	26	64 (1626)	173 (4394)	183 (4648)	25.5 (648)	37.0 (940)	178 (4521)	3778 (1714)
JB-28	28	68 (1727)	190 (4826)	200 (5080)	26.5 (673)	39.0 (991)	195 (4953)	4342 (1970)
JB-30	30	72 (1829)	206 (5232)	216 (5486)	28.0 (711)	41.0 (1041)	211 (5359)	4946 (2244)

**For F dimension other than that specified, please contact Sillex.

Available in sizes up to 60" inlet

Options

- Aluminized steel, 304L or 316L stainless steel, Corten Steel
- Dual inlet or Custom inlet/outlet configurations
- Thermal insulation blankets to suit all configurations
- Mounting brackets, gussets and lifting lugs

Metric dimensions rounded to nearest mm.

Dimensions and weights are nominal and may vary slightly in production models.

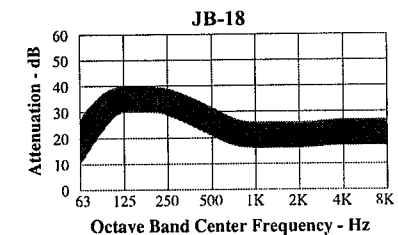
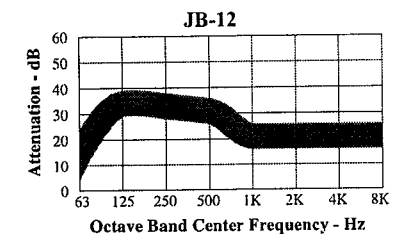
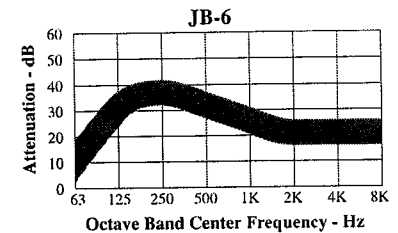
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The inlet and outlet on silencers up to 3½" are Sch. 40 NPT pipe. On silencers 4" and larger the inlet and discharge are flanged, manufactured from minimum ½" thick plate and drilled to ANSI class 150.

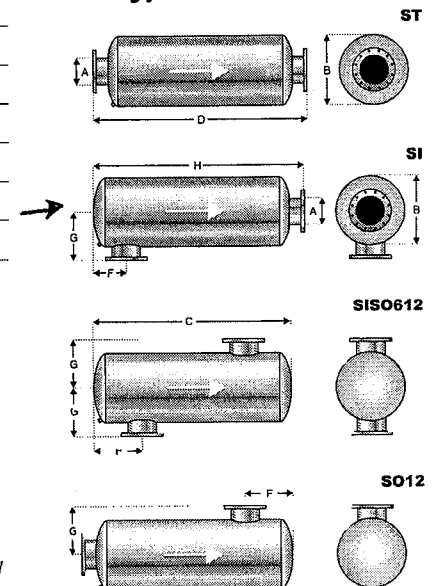
JB Series 25 - 32 dBA

Critical Grade

Typical Attenuation Curve



Typical Orientations



800 387 7818