

## Silencers Model SM1T

Turbo  
Residential  
25-28 dBA

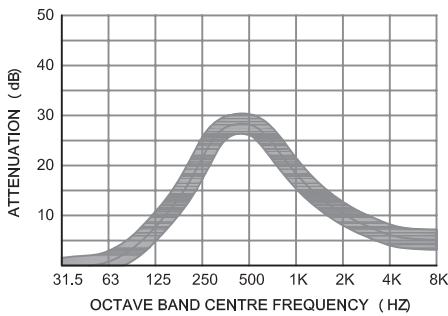
### Applications and Performance

Model SM1T silencers is a straight through design and has an unobstructed passage through the silencer with no reversal flow. The result is a very low pressure drop. The silencers are recommended for use in areas where the surrounding noise level is comparatively high. These silencers achieve a good noise reduction by utilizing a multi chamber design that incorporates a series of non-resonant tube arrangements which allow the exhaust gases to flow from one chamber to another. This creates a reversal of flow and develops a predictable amount of back pressure.

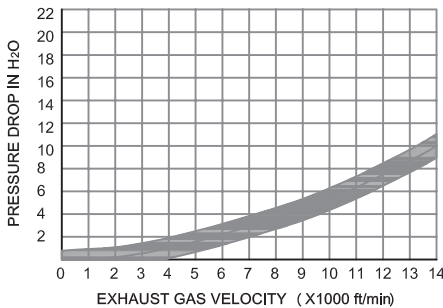
### Selecting The Right Silencer

In selecting a proper size silencer for a given application, consideration must be given to the amount of back pressure that will be imposed by the silencer. Other considerations in the selection of silencers are exhaust velocity and the amount of pipe that will be used in conjunction with the exhaust system. Custom designs are available. Optional features include mounting brackets, stainless steel and high heat black or silver paint.

ATTENUATION CURVE

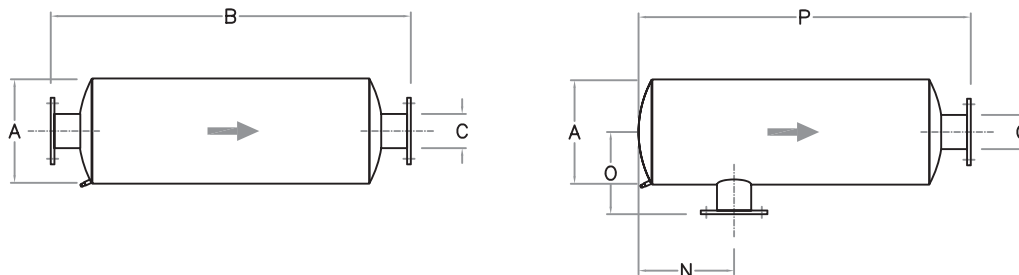


PRESSURE DROP



Model	A		B		C		N / min		N / max		O		P		Weight.	
	in	(mm)	in	(mm)	in	(mm)	in	(mm)	in	(mm)	in	(mm)	in	(mm)	Lb	(Kg)
SM1T-1½	6	(152)	28	(711)	1 1/2	(38)	3	(76)	8	(203)	6	(152)	25	(635)	15	(7)
SM1T-2	8	(203)	28	(711)	2	(51)	3 1/2	(89)	8	(203)	7	(178)	25	(635)	22	(10)
SM1T-2½	8	(203)	32	(813)	2 1/2	(64)	4 1/2	(114)	10	(254)	7	(178)	29	(737)	27	(12)
SM1T-3	9	(229)	34	(864)	3	(76)	5 1/2	(140)	11	(279)	7 1/2	(191)	31	(787)	33	(15)
SM1T-3½	9	(229)	36	(914)	3 1/2	(89)	6	(152)	13	(330)	7 1/2	(191)	33	(838)	37	(17)
SM1T-4	10	(254)	38	(965)	4	(102)	6	(152)	14	(356)	8	(203)	35	(889)	41	(19)
SM1T-5	12	(305)	42	(1067)	5	(127)	6	(152)	16	(406)	10	(254)	38	(965)	55	(25)
SM1T-6	14	(356)	44	(1118)	6	(152)	7	(178)	19	(483)	11	(279)	40	(1016)	70	(32)
SM1T-8	18	(457)	56	(1422)	8	(203)	8	(203)	25	(635)	13	(330)	52	(1321)	127	(58)
SM1T-10	22	(559)	58	(1473)	10	(254)	11	(279)	26	(660)	15	(381)	54	(1372)	176	(80)
SM1T-12	26	(660)	70	(1778)	12	(305)	12	(305)	30	(762)	17	(432)	66	(1676)	301	(137)
SM1T-14	36	(914)	80	(2032)	14	(356)	14	(356)	33	(838)	23	(584)	75	(1905)	469	(213)
SM1T-16	40	(1016)	90	(2286)	16	(406)	17	(432)	39	(991)	25	(635)	85	(2159)	650	(295)
SM1T-18	42	(1067)	102	(2591)	18	(457)	19	(483)	44	(1118)	26	(660)	97	(2464)	765	(348)
SM1T-20	48	(1219)	108	(2743)	20	(508)	21	(533)	47	(1194)	29	(737)	103	(2616)	942	(428)
SM1T-22	54	(1372)	118	(2997)	22	(559)	22	(559)	51	(1295)	33	(838)	112	(2845)	1511	(687)
SM1T-24	60	(1524)	132	(3353)	24	(610)	24	(610)	57	(1448)	36	(914)	126	(3200)	2289	(1041)
SM1T-26	64	(1626)	140	(3556)	26	(660)	26	(660)	62	(1575)	38	(965)	134	(3404)	2611	(1187)
SM1T-28	68	(1727)	155	(3937)	28	(711)	28	(711)	70	(1778)	40	(1016)	149	(3785)	3022	(1373)
SM1T-30	72	(1829)	166	(4216)	30	(762)	30	(762)	75	(1905)	42	(1067)	160	(4064)	3466	(1575)

All sizes and measurements are in inches (mm) and pounds (kg)



Flange connection conform to ANSI 150lbs.  
Sizes 3½" and smaller have N.P.T connections

The silencer may be installed at any angle. When mounting horizontally allow for a 3/8" per foot to provide drainage.

Mounting brackets, side inlet connections, clean out doors and companion flanges are available at additional cost.

The silencer is of an all welded construction and the exterior surfaces are given a coat of high temperature paint.