

MODEL SEG-6 - Supply Performance Data

Nominal Size		Nom Duct Area, ft ²	# 2" X 2" Holes (7/8" FRET)	Core Vel, fpm	300	400	500	600	700	800	900	1000	1200
W Width	H Height			Ps	0.01	0.02	0.04	0.05	0.07	0.10	0.12	0.15	0.22
6"	6"	0.25	2 x 2 (7/8" FRET)	CFM	30	40	60	70	80	90	100	110	130
				NC	<20	<20	<20	<20	21	25	28	31	36
				Throw	2 4 9	3 6 12	6 9 14	7 11 15	8 12 16	9 12 17	10 13 18	11 14 19	12 15 21
10"	8"	0.56	3 x 2	CFM	50	70	80	100	120	130	150	170	200
				NC	<20	<20	<20	<20	23	27	30	33	38
				Throw	3 6 13	6 9 15	7 10 16	8 13 18	10 14 20	11 15 21	13 16 23	14 17 24	15 18 26
10"	10"	0.69	3 x 3	CFM	80	100	130	150	180	200	230	250	300
				NC	<20	<20	<20	20	25	28	32	34	39
				Throw	4 8 16	6 10 18	9 13 21	10 15 23	12 17 25	14 18 26	16 20 28	17 21 29	18 23 32
12"	12"	1.00	4 x 4	CFM	130	180	220	270	310	360	400	440	530
				NC	<20	<20	<20	23	27	31	34	37	42
				Throw	4 10 20	8 14 25	11 17 27	14 21 30	16 23 32	19 25 35	21 26 37	22 27 39	24 30 42
18"	14"	1.75	6 x 4	CFM	200	270	330	400	470	530	600	670	800
				NC	<20	<20	20	25	29	33	36	39	44
				Throw	6 13 25	10 17 30	14 21 33	17 25 37	20 28 40	22 30 42	25 32 45	27 34 48	30 37 52
18"	18"	2.25	6 x 6	CFM	300	400	500	600	700	800	900	1000	1200
				NC	<20	<20	21	26	31	34	38	40	45
				Throw	7 15 31	12 21 37	17 26 41	21 31 45	24 34 49	28 37 52	31 39 55	34 41 58	37 45 64
24"	24"	4.00	8 x 8	CFM	530	710	890	1070	1240	1420	1600	1780	2130
				NC	<20	<20	24	29	33	37	40	43	48
				Throw	9 20 41	16 27 49	23 34 55	28 41 60	32 46 65	37 49 69	41 52 74	45 55 78	49 60 85
30"	30"	6.25	10 x 10	CFM	830	1110	1390	1670	1940	2220	2500	2780	3330
				NC	<20	20	26	31	35	39	42	45	50
				Throw	11 26 51	20 34 61	29 43 69	34 52 75	40 57 81	46 61 87	52 65 92	56 69 97	61 75 106
36"	36"	9.00	12 x 12	CFM	1200	1600	2000	2400	2800	3200	3600	4000	4800
				NC	<20	21	27	32	37	40	44	46	51
				Throw	14 31 62	24 41 74	34 52 82	41 62 90	48 69 97	55 74 104	62 78 110	67 82 116	74 90 127

Data determined in accordance with ANSI/ASHRAE Standard 70-1991

Data based on Actual Neck Size = Nominal Neck Size - 1/4"

Ps - Static Pressure, inches w.g.

Throw - Distance, in feet, to terminal velocities of 150, 100, 50 fpm, respectively.

NC - Noise Criteria based on room attenuation of 10 dB

For Return use, -Ps = Ps (above), NC = NC (above) +2



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