



MODEL SEG-15D SUPPLY PERFORMANCE DATA

5/16" Openings

DUCT SIZE	DUCT AREA	P _s	0.06	0.09	0.13	0.18	0.24	0.30	0.37
6 x 6	0.25	CFM	40	50	60	70	80	90	100
		NC	<20	<20	<20	20	24	27	30
		THROW	3 4 6	4 5 7	4 5 7	4 5 8	5 6 8	5 6 9	5 7 9
8 x 8	0.44	CFM	70	90	110	130	150	160	180
		NC	<20	<20	20	23	27	30	33
		THROW	4 5 8	5 6 9	6 7 10	6 7 10	7 8 11	7 18 12	7 9 12
9 x 9	0.56	CFM	90	120	140	170	190	210	240
		NC	<20	<20	21	24	28	31	34
		THROW	5 6 9	6 7 10	6 8 11	7 8 12	7 9 13	8 9 13	8 10 14
10 x 10	0.69	CFM	120	150	180	210	240	270	300
		NC	<20	<20	20	25	29	32	35
		THROW	6 7 10	7 8 11	7 9 12	8 9 13	8 10 14	9 11 15	9 11 16
12 x 12	1.00	CFM	180	220	260	310	350	400	440
		NC	<20	<20	22	27	30	34	37
		THROW	7 9 12	8 10 14	9 10 15	9 11 16	10 12 17	11 13 18	11 14 19
15 x 15	1.56	CFM	280	350	420	490	560	630	710
		NC	<20	<20	24	29	32	36	39
		THROW	8 11 15	10 12 17	11 13 19	12 14 20	13 15 22	14 18 25	15 18 26
16 x 16	1.78	CFM	320	400	480	570	650	930	810
		NC	<20	<20	25	29	33	37	39
		THROW	9 12 16	11 13 18	12 14 20	13 16 22	14 17 23	16 20 28	15 18 26
18 x 18	2.25	CFM	410	520	620	720	830	930	1030
		NC	<20	20	26	30	34	37	41
		THROW	10 13 19	12 15 21	13 16 23	14 17 25	15 19 26	16 20 28	17 21 30
20 x 20	2.78	CFM	510	640	770	900	1030	1160	1290
		NC	<20	21	27	31	35	38	41
		THROW	11 15 21	13 16 23	15 18 26	16 20 28	17 21 30	18 22 31	19 23 33
22 x 22	3.36	CFM	630	780	940	1100	1250	1410	1570
		NC	<20	22	28	32	36	39	42
		THROW	13 16 23	15 18 26	16 20 28	18 22 30	19 23 33	20 24 35	21 26 36
24 x 24	4.00	CFM	750	940	1130	1310	1500	1690	1880
		NC	<20	23	28	33	37	40	43
		THROW	14 18 25	16 20 28	18 20 31	19 24 33	21 25 38	22 27 38	23 28 40

PERFORMANCE NOTES:

- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 1991
- Duct size is the nominal size. Actual size used in testing is nominal size – 1/4"
- NC – noise criteria based on room attenuation of 10 dB
- For return use, -P_s = P_s (above) x 1.2, NC = NC (above) + 2