



MODEL SEG-14B SUPPLY PERFORMANCE DATA

3/16" x 3/16" Openings

DUCT SIZE	DUCT AREA	P _s	0.04	0.05	0.08	0.11	0.14	0.18	0.22
6 x 6	0.25	CFM	30	40	50	60	70	80	90
		NC	<20	<20	<20	25	31	36	41
8 x 8	0.44	CFM	70	80	100	120	140	150	170
		NC	<20	<20	21	28	34	39	44
10 x 8	0.56	CFM	90	110	130	150	170	200	220
		NC	<20	<20	22	29	35	40	45
10 x 10	0.69	CFM	110	140	170	200	220	250	280
		NC	<20	<20	23	30	36	41	46
12 x 12	1.00	CFM	170	210	250	290	340	380	420
		NC	<20	<20	25	32	38	43	47
14 x 14	1.36	CFM	230	290	350	410	470	530	590
		NC	<20	<20	27	33	39	44	49
18 x 14	1.75	CFM	310	380	460	530	610	690	760
		NC	<20	20	28	35	40	45	50
18 x 18	2.25	CFM	400	500	600	700	800	900	1000
		NC	<20	21	29	36	42	47	51
20 x 20	2.78	CFM	500	630	750	880	1000	1130	1250
		NC	<20	22	30	37	42	48	52
22 x 22	3.36	CFM	610	770	920	1070	1220	1380	1530
		NC	<20	23	31	38	43	48	53
24 x 24	4.00	CFM	730	920	1100	1290	1470	1650	1840
		NC	<20	24	32	38	44	49	54

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
- For return use, NC = NC (above) + 2
- For sizes not listed, reference the listed size with closest duct area or consult factory