

MODEL SEC-10 - Supply Performance Data

Without air deflecting bars behind screen

Nominal Size		Nom Duct Area, ft2	Core Vel, fpm	400	500	600	700	800	900
W	H								
Width	Height		Ps	0.02	0.04	0.05	0.07	0.09	0.12
6"	6"	0.25	CFM	60	80	90	110	130	140
			NC	<20	<20	<20	<20	<20	23
8"	8"	0.44	CFM	130	160	190	220	250	280
			NC	<20	<20	<20	<20	22	26
10"	8"	0.56	CFM	160	210	250	290	330	370
			NC	<20	<20	<20	<20	23	27
10"	10"	0.69	CFM	210	270	320	370	430	480
			NC	<20	<20	<20	20	24	28
12"	12"	1.00	CFM	320	400	480	560	640	720
			NC	<20	<20	<20	22	26	30
14"	14"	1.36	CFM	450	560	680	790	900	1020
			NC	<20	<20	<20	23	28	31
18"	14"	1.75	CFM	590	740	890	1040	1190	1330
			NC	<20	<20	20	24	29	32
18"	18"	2.25	CFM	780	970	1170	1360	1560	1750
			NC	<20	<20	21	26	30	34
20"	20"	2.78	CFM	980	1220	1460	1710	1950	2200
			NC	<20	<20	22	27	31	35
24"	24"	4.00	CFM	1440	1800	2160	2520	2880	3230
			NC	<20	<20	23	28	33	36
32"	32"	7.11	CFM	2630	3280	3940	4600	5250	5910
			NC	<20	20	26	31	35	39

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.

NC - Noise Criteria based on room attenuation of 10 dB