

MODEL SEG-11 - Supply Performance Data

1" X 1/4" Rectangular Slots with 5/16" Frets

Nominal Size		Nom Duct Area, ft2	Core Vel, fpm	100	150	200	250	300	350	400
W	H			Ps	0.01	0.02	0.03	0.04	0.06	0.08
Width	Height									
6"	6"	0.25	CFM	12	18	23	29	35	41	47
			NC	<20	<20	<20	<20	<20	<20	<20
8"	8"	0.44	CFM	26	39	52	65	78	91	104
			NC	<20	<20	<20	<20	<20	<20	<20
10"	10"	0.69	CFM	46	69	91	114	137	160	183
			NC	<20	<20	<20	<20	<20	22	27
12"	12"	1.00	CFM	71	107	142	178	213	249	284
			NC	<20	<20	<20	<20	<20	24	29
14"	14"	1.36	CFM	102	153	204	255	306	357	408
			NC	<20	<20	<20	<20	21	27	31
18"	18"	2.25	CFM	180	271	361	451	541	632	722
			NC	<20	<20	<20	<20	24	30	35
20"	20"	2.78	CFM	228	342	456	570	684	798	912
			NC	<20	<20	<20	<20	26	32	36
24"	24"	4.00	CFM	340	510	680	850	1020	1189	1359
			NC	<20	<20	<20	22	28	34	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



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MODEL SEG-11 - Return Performance Data

1" X 1/4" Rectangular Slots with 5/16" Frets

Nominal Size		Nom Duct Area, ft2	Core Vel, fpm Ps	100	150	200	250	300	350	400
W Width	H Height			-0.01	-0.02	-0.03	-0.05	-0.07	-0.09	-0.12
6"	6"	0.25	CFM	12	18	23	29	35	41	47
			NC	<20	<20	<20	<20	<20	<20	<20
8"	8"	0.44	CFM	26	39	52	65	78	91	104
			NC	<20	<20	<20	<20	<20	<20	20
10"	10"	0.69	CFM	46	69	91	114	137	160	183
			NC	<20	<20	<20	<20	<20	<20	24
12"	12"	1.00	CFM	71	107	142	178	213	249	284
			NC	<20	<20	<20	<20	<20	21	26
14"	14"	1.36	CFM	102	153	204	255	306	357	408
			NC	<20	<20	<20	<20	<20	23	29
18"	18"	2.25	CFM	180	271	361	451	541	632	722
			NC	<20	<20	<20	<20	<20	26	32
20"	20"	2.78	CFM	228	342	456	570	684	798	912
			NC	<20	<20	<20	<20	21	28	34
24"	24"	4.00	CFM	340	510	680	850	1020	1189	1359
			NC	<20	<20	<20	<20	24	30	36

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



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