

# 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	0.11
Width	Height										
6"	6"	0.25	CFM	12	18	23	29	35	41	47	
			NC	<20	<20	<20	<20	<20	<20	<20	<20
			CFM	26	39	52	65	78	91	104	
8"	8"	0.44	NC	<20	<20	<20	<20	<20	<20	23	
			CFM	46	69	91	114	137	160	183	
			NC	<20	<20	<20	<20	<20	22	27	
10"	10"	0.69	CFM	71	107	142	178	213	249	284	
			NC	<20	<20	<20	<20	<20	24	29	
			CFM	102	153	204	255	306	357	408	
12"	12"	1.00	NC	<20	<20	<20	<20	<20	21	27	
			CFM	180	271	361	451	541	632	722	
			NC	<20	<20	<20	<20	24	30	35	
14"	14"	1.36	CFM	228	342	456	570	684	798	912	
			NC	<20	<20	<20	<20	26	32	36	
			CFM	340	510	680	850	1020	1189	1359	
18"	18"	2.25	NC	<20	<20	<20	<20	22	28	34	
			CFM	340	510	680	850	1020	1189	1359	
			NC	<20	<20	<20	<20	22	28	34	
20"	20"	2.78	CFM	340	510	680	850	1020	1189	1359	
			NC	<20	<20	<20	<20	22	28	34	
			CFM	340	510	680	850	1020	1189	1359	
24"	24"	4.00	NC	<20	<20	<20	<20	22	28	34	
			CFM	340	510	680	850	1020	1189	1359	
			NC	<20	<20	<20	<20	22	28	34	

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									
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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