

*Grille Size / Designation	Pt	0.03	0.07	0.10	0.13	0.16	0.20	0.25	0.29	0.34	0.40
A1	CFM	38	57	67	76	86	96	105	115	124	134
	NC	<20	<20	<20	20	23	26	29	31	33	36
A2 B1	CFM	53	79	92	106	119	132	145	158	172	185
	NC	<20	<20	<20	21	25	28	30	33	35	37
A3 B2 C1	CFM	69	104	121	138	156	173	190	208	225	242
	NC	<20	<20	<20	22	26	29	31	34	36	38
A4 D1	CFM	82	123	143	164	184	205	225	246	266	287
	NC	<20	<20	<20	23	26	29	32	35	37	39
A5 B3 C2 E1	CFM	95	142	166	190	213	237	261	284	308	332
	NC	<20	<20	20	24	27	30	33	35	37	40
A6 B4 D2 F1	CFM	112	168	196	224	252	280	308	336	364	393
	NC	<20	<20	21	25	28	31	33	36	38	40
A7 C3 G1	CFM	123	185	216	247	278	308	339	370	401	432
	NC	<20	<20	21	25	28	31	34	36	39	41
A8 B5 C4 D3 E2 H1	CFM	141	211	247	282	317	352	388	423	458	493
	NC	<20	<20	22	26	29	32	34	37	39	41
A9 B6 F2 J1	CFM	150	230	270	310	350	390	420	460	500	540
	NC	<20	<20	22	26	29	32	35	37	40	42
B7 C5 D4 E3 G2	CFM	170	260	300	350	390	430	470	520	560	600
	NC	<20	<20	23	26	30	33	35	38	40	42
B8 C6 D5 E4 F3 H2 J2	CFM	200	300	350	400	450	500	550	600	650	700
	NC	<20	<20	23	27	30	33	36	38	41	43
B9 C7 D6 E5 F4 G3	CFM	230	350	400	460	520	580	630	690	750	810
	NC	<20	20	24	28	31	34	37	39	41	43
C8 H3	CFM	250	370	430	490	560	620	680	740	800	870
	NC	<20	20	24	28	31	34	37	39	42	44
C9 D7 E6 F5 G4 J3	CFM	270	410	480	550	620	690	750	820	890	960
	NC	<20	20	25	28	32	35	37	40	42	44
D8 E7 F6 G5 H4	CFM	310	470	550	620	700	780	860	940	1010	1090
	NC	<20	21	25	29	32	35	38	40	43	45
D9 E8 F7 G6 H5 J4	CFM	350	530	610	700	790	880	960	1050	1140	1230
	NC	<20	21	26	29	33	36	38	41	43	45
E9 F8 G7 H6 J5	CFM	400	600	700	800	900	1010	1110	1210	1310	1410
	NC	<20	22	26	30	33	36	39	41	44	46
F9 G8 H7 J6	CFM	460	680	800	910	1030	1140	1250	1370	1480	1590
	NC	<20	23	27	31	34	37	40	42	44	46
G9 H8 J7	CFM	510	770	890	1020	1150	1280	1400	1530	1660	1790
	NC	<20	23	27	31	34	37	40	43	45	47
H9 J8	CFM	570	850	990	1140	1280	1420	1560	1700	1850	1990
	NC	<20	23	28	32	35	38	41	43	45	47
J9	CFM	630	940	1100	1250	1410	1570	1720	1880	2040	2190
	NC	<20	24	28	32	35	38	41	43	46	48

**TEST STANDARD**

- ANSI / ASHRAE Standard 70 & 113
- Isothermal air used during testing.

**SOUND LEVELS**

- NC shown is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10<sup>-12</sup> watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands.

**PRESSURE**

- P<sub>t</sub> represents Total Pressure, inches of water, measured in the supply duct.
- Static pressure may be calculated by subtracting the Velocity pressure from the Total Pressure: P<sub>s</sub> = P<sub>t</sub> - P<sub>v</sub>

## SIZING CHART

\*GRILLE OPENING / DESIGNATION  
ROUGH OPENING SIZES (WIDTH X HEIGHT)

Dimensions in Inches		WIDTH								
		7	9	11	13	15	17	19	21	23
HEIGHT	6	A1	B1	C1	D1	E1	F1	G1	H1	J1
	8	A2	B2	C2	D2	E2	F2	G2	H2	J2
	10	A3	B3	C3	D3	E3	F3	G3	H3	J3
	12	A4	B4	C4	D4	E4	F4	G4	H4	J4
	14	A5	B5	C5	D5	E5	F5	G5	H5	J5
	16	A6	B6	C6	D6	E6	F6	G6	H6	J6
	18	A7	B7	C7	D7	E7	F7	G7	H7	J7
	20	A8	B8	C8	D8	E8	F8	G8	H8	J8
	22	A9	B9	C9	D9	E9	F9	G9	H9	J9

\*Width x Height dimensions are based on rear mounted duct collar. For face mounted deduct 1" from width. For other installation types (consult factory).

**IMPORTANT** It is the specifier's responsibility to properly configure the HVAC system to meet the appropriate level of comfort, safety, security and detention