

*Grille Opening/Designation	Pt	0.04	0.05	0.08	0.09	0.13	0.19	0.25	0.32	0.40	0.48
A1	CFM	21	24	29	31	38	45	52	59	66	73
	NC	<20	<20	<20	<20	20	24	28	31	34	36
A2, B1	CFM	30	35	42	45	55	65	75	85	95	105
	NC	<20	<20	<20	<20	22	26	29	32	35	38
A3, C1	CFM	39	46	55	59	72	85	99	112	125	138
	NC	<20	<20	<20	<20	23	27	31	34	36	39
A4, B2, D1	CFM	47	55	66	71	86	102	118	133	149	165
	NC	<20	<20	<20	<20	23	28	31	34	37	40
A5, B3, C2, E1	CFM	60	70	80	90	110	120	140	160	180	200
	NC	<20	<20	<20	<20	24	29	32	35	38	41
A6, B4, D2, F1	CFM	70	80	100	100	130	150	170	200	220	240
	NC	<20	<20	<20	20	25	29	33	36	39	41
A7, C3, G1	CFM	80	90	110	110	140	160	190	220	240	270
	NC	<20	<20	<20	20	26	30	33	37	39	42
A8, B5, E2, H1	CFM	90	100	120	130	160	180	210	240	270	300
	NC	<20	<20	<20	21	26	30	34	37	40	42
A9, B6, C4, D3, F2, J1	CFM	100	110	130	140	170	210	240	270	300	330
	NC	<20	<20	20	21	26	31	34	37	40	43
B7, C5, D4, E3, G2	CFM	110	130	160	170	200	240	280	320	350	390
	NC	<20	<20	20	22	27	31	35	38	41	44
B8, C6, F3, H2	CFM	130	150	180	190	230	270	320	360	400	440
	NC	<20	<20	21	23	28	32	36	39	42	44
B9, C7, D5, E4, G3, J2	CFM	140	160	200	210	260	300	350	400	440	490
	NC	<20	<20	21	23	28	32	36	39	42	44
C8, D6, E5, F4, H3	CFM	160	190	220	240	290	350	400	460	510	560
	NC	<20	<20	22	24	29	33	37	40	43	45
C9, D7, E6, F5, G4, J3	CFM	180	210	260	270	340	400	460	520	580	640
	NC	<20	<20	23	24	29	34	37	40	43	46
D8, D9, E7, F6, G5, H4, J4	CFM	210	240	290	310	380	450	520	590	660	730
	NC	<20	<20	23	25	30	34	38	41	44	46
E8, F7, G6, H5	CFM	240	280	340	370	450	530	610	690	770	850
	NC	<20	<20	24	26	31	35	38	42	44	47
E9, F8, G7, H6, J5	CFM	270	320	380	410	500	590	690	780	870	960
	NC	<20	20	24	26	31	35	39	42	45	47
F9, G8, H7, J6	CFM	310	360	440	470	570	680	780	890	990	1090
	NC	<20	20	25	27	32	36	39	43	45	48
H8, J7, G9	CFM	350	410	490	530	650	760	880	1000	1120	1230
	NC	<20	21	25	27	32	36	40	43	46	49
H9, J8	CFM	390	460	550	590	720	850	980	1120	1250	1380
	NC	<20	21	26	28	33	37	40	44	46	49
J9	CFM	440	510	610	650	800	950	1090	1240	1380	1530
	NC	<20	22	26	28	33	37	41	44	47	49

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: 10⁻¹² watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands.

PRESSURE

- P_t 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_s = P_t - P_v

SIZING CHART

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

Dimensions in Inches	WIDTH									
	6.4	8.4	10.4	12.4	14.4	16.4	18.4	20.4	22.4	
H E I G H T	5.4	A1	B1	C1	D1	E1	F1	G1	H1	J1
	7.4	A2	B2	C2	D2	E2	F2	G2	H2	J2
	9.4	A3	B3	C3	D3	E3	F3	G3	H3	J3
	11.4	A4	B4	C4	D4	E4	F4	G4	H4	J4
	13.4	A5	B5	C5	D5	E5	F5	G5	H5	J5
	15.4	A6	B6	C6	D6	E6	F6	G6	H6	J6
	17.4	A7	B7	C7	D7	E7	F7	G7	H7	J7
	19.4	A8	B8	C8	D8	E8	F8	G8	H8	J8
	21.4	A9	B9	C9	D9	E9	F9	G9	H9	J9

*Width x Height dimensions are based on rear mounted duct collar.
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