

## 3/16" x 3/16" Openings

Grille Size / Designation	P <sub>T</sub>	.03	.06	.10	.15	.21	.29	.37	.47	.58	.71
	P <sub>S</sub>	.02	.05	.08	.13	.19	.27	.35	.45	.56	.68
A1	CFM	14	22	29	37	45	52	60	68	76	83
	NC	<15	<15	<15	19	24	28	31	35	37	40
	Throw	1   1   3	1   3   5	2   3   6	3   4   7	4   5   8	4   6   8	5   6   9	5   7   9	6   7   10	6   7   10
A2, B1	CFM	20	31	42	54	65	76	87	98	109	121
	NC	<15	<15	15	21	26	30	33	36	39	41
	Throw	1   1   4	1   3   6	3   4   7	4   5   8	4   6   9	5   7   10	6   7   11	6   8   11	7   8   12	7   9   12
A3, C1	CFM	26	41	55	70	85	99	114	129	143	158
	NC	<15	<15	16	22	27	31	34	37	40	42
	Throw	1   1   5	2   4   7	3   5   8	4   6   9	5   7   10	6   8   11	7   9   12	7   9   13	8   10   14	8   10   14
A4, B2, D1	CFM	31	49	66	84	101	119	136	153	171	188
	NC	<15	<15	17	23	28	32	35	38	41	43
	Throw	1   2   5	2   4   8	3   5   9	4   7   10	5   8   11	6   9   12	7   9   13	8   10   14	9   10   15	9   11   16
A5, B3, C2, E1	CFM	38	60	81	102	124	145	166	188	209	230
	NC	<15	<15	18	24	28	32	36	39	42	44
	Throw	1   2   5	2   4   9	4   6   10	5   7   11	6   9   13	7   10   14	8   10   15	9   11   16	9   12   16	10   12   17
A6, B4, D2, F1	CFM	46	72	97	123	148	174	199	225	250	276
	NC	<15	<15	19	24	29	33	37	40	42	45
	Throw	1   2   6	2   5   9	4   6   11	5   8   13	7   10   14	8   11   15	9   11   16	10   12   17	10   13   18	11   13   19
A7, C3, G1	CFM	51	79	107	135	163	192	219	248	276	304
	NC	<15	<15	19	25	30	34	37	40	43	45
	Throw	1   2   6	2   5   10	4   7   12	6   8   13	7   10   14	8   11   16	9   12   17	10   13   18	11   13   19	11   14   20
A8, B5, E2, H1	CFM	57	88	120	151	183	214	245	277	308	340
	NC	<15	<15	19	25	30	34	38	41	43	46
	Throw	1   2   7	2   5   10	4   7   12	6   9   14	7   11   15	8   12   17	10   13   18	11   13   19	11   14   20	12   15   21
A9, B6, C4, D3, F2, J1	CFM	63	99	134	169	204	240	274	310	345	380
	NC	<15	<15	20	26	31	35	38	41	44	46
	Throw	1   2   7	3   6   11	5   8   13	6   9   15	8   11   16	9   12   18	10   13   19	12   14   20	12   15   21	13   16   22
B7, C5, D4, E3, G2	CFM	74	116	156	198	239	280	321	363	403	445
	NC	<15	<15	21	27	31	35	39	42	44	47
	Throw	1   3   8	3   6   12	5   8   14	7   10   16	8   12   17	10   13   19	11   14   20	12   15   22	13   16   23	14   17   24
B8, C6, F3, H2	CFM	84	131	177	224	271	318	364	411	457	504
	NC	<15	<15	21	27	32	36	39	42	45	48
	Throw	1   3   8	3   6   13	5   9   15	7   11   17	9   13   19	10   14   20	12   15   22	13   16   23	14   17   24	15   18   25

SV22 - STAINLESS STEEL S-Vent Premium Risk Resistant Grille

### Test Standard

• ANSI / ASHRAE Standard 70 "Method of Testing the Performance of Air Outlets and Air Inlets"

### Sound Levels

• NC is the Noise Criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10 dB (ref: 10<sup>-12</sup> watts) room attenuation that is subtracted from the sound power levels (L<sub>w</sub>) in each of the 2nd thru 7th octave band

### Throw

• The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to Terminal Velocities (V<sub>T</sub>) = 150, 100, & 50 fpm, with the jet attached to a surface

• Terminal velocity is the air speed, in feet per minute, measured in the supply air stream

• Velocity: Feet Per Minute (fpm)

### Pressure

• P<sub>T</sub> represents Total Pressure, inches of water  
 • P<sub>S</sub> represents Static Pressure, inches of water

### Return Use

• Return -P<sub>S</sub> = Supply P<sub>T</sub>  
 • Return NC = Supply NC + 3

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

## 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
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).



You can also generate data for this model by downloading Anemostat's **FLO Product Selection Software** at [www.Anemostat-hvac.com](http://www.Anemostat-hvac.com)



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	P <sub>S</sub>	.02	.05	.08	.13	.19	.27	.35	.45	.56	.68
B9, C7, D5, E4, G3, J2	CFM	93	145	197	249	300	352	403	456	507	559
	NC	<15	<15	22	28	32	36	40	43	45	48
	Throw	1   3   9	3   7   13	6   9   16	8   12   18	9   14   20	11   15   21	12   16   23	14   17   24	15   18   25	15   19   27
C8, D6, E5, F4, H3	CFM	107	167	226	286	345	405	464	524	583	643
	NC	<15	15	22	28	33	37	40	43	46	49
	Throw	1   3   9	3   7   14	6   10   17	8   12   19	10   15   21	12   16   23	13   17   24	15   18   26	16   19   27	17   20   29
C9, D7, E6, F5, G4, J3	CFM	122	190	257	325	392	460	527	596	663	731
	NC	<15	15	23	29	33	37	41	44	47	49
	Throw	1   3   10	4   8   15	6   10   18	9   13   20	11   16   22	12   17   24	14   18   26	16   20   28	17   21   29	18   22   31
D8, D9, E7, F6, G5, H4, J4	CFM	142	222	300	380	459	538	617	696	775	854
	NC	<15	16	23	29	34	38	42	45	47	50
	Throw	1   3   11	4   8   17	7   11   20	9   14   22	11   17   24	13   19   26	15   20   28	17   21   30	18   22   31	19   23   33
E8, F7, G6, H5	CFM	163	254	343	434	524	615	705	796	885	976
	NC	<15	16	24	30	35	39	42	45	48	50
	Throw	1   4   11	4   9   18	7   12   21	10   15   24	12   18   26	14   20   28	16   21   30	18   23   32	19   24   34	20   25   35
E9, F8, G7, H6, J5	CFM	183	285	386	488	589	691	792	894	995	1097
	NC	<15	17	24	30	35	39	43	46	48	51
	Throw	1   4   12	4   9   19	8   13   22	11   16   25	13   19   27	15   21   30	17   23   32	20   24   34	21   25   36	22   26   37
F9, G8, H7, J6	CFM	208	325	440	557	671	788	903	1019	1134	1251
	NC	<15	17	25	31	36	40	43	46	49	51
	Throw	1   4   13	5   10   20	8   14   24	12   17   27	14   21   29	16   22   32	19   24   34	21   26   36	22   27   38	23   28   40
H8, J7, G9	CFM	235	367	496	628	757	888	1018	1149	1279	1410
	NC	<15	18	26	32	36	40	44	47	50	52
	Throw	1   4   14	5   11   21	9   14   25	12   18   28	15   22   31	17   24   34	20   26   36	22   27   38	23   29   40	25   30   42
H9, J8	CFM	263	410	554	701	845	992	1137	1284	1428	1575
	NC	<15	18	26	32	37	41	44	47	50	52
	Throw	1   5   15	5   11   23	9   15   27	13   19   30	16   23   33	18   25   36	21   27   38	23   29   41	25   30   43	26   32   45
J9	CFM	291	454	614	777	937	1100	1260	1423	1583	1746
	NC	<15	19	27	32	37	41	45	48	50	53
	Throw	1   5   15	5   12   24	10   16   28	14   20   32	16   24   35	19   27   38	22   28   40	25   30   43	26   32   45	27   33   47

SV22 - STAINLESS STEEL S-Vent Premium Risk Resistant Grille

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### Return Use

- Return -P<sub>S</sub> = Supply P<sub>T</sub>
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## SIZING CHART

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Dimensions in Inches	WIDTH									
	6.4	8.4	10.4	12.4	14.4	16.4	18.4	20.4	22.4	
HEIGHT	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

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