

6" Inlet	36" Long 12" Down Blow (33%)	CFM	90	110	130	140	160	180	200	220	230	240
		Ps	0.05	0.07	0.10	0.12	0.15	0.19	0.24	0.29	0.31	0.34
		NC	<20	20	25	27	30	33	36	38	40	41
		Throw	2 5 10	3 6 12	5 7 14	5 8 15	6 9 17	6 10 19	7 11 22	8 12 24	8 12 25	9 13 26
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11	
	48" Long 12" Down Blow (25%)	CFM	120	140	170	190	220	240	260	290	300	320
		Ps	0.05	0.07	0.11	0.14	0.18	0.22	0.26	0.32	0.34	0.39
		NC	<20	22	27	30	34	36	38	41	42	44
		Throw	3 6 12	4 7 14	6 8 17	6 9 19	7 11 22	8 12 24	9 13 26	10 14 29	10 15 30	11 16 32
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	1 3 9	2 4 10	2 4 10	2 5 11	
	60" Long 12" Down Blow (20%)	CFM	150	180	210	240	270	300	330	360	380	400
		Ps	0.05	0.07	0.10	0.13	0.17	0.20	0.25	0.29	0.33	0.36
NC		20	25	29	32	35	38	41	43	44	46	
Throw		3 7 14	5 8 16	6 10 19	7 11 22	8 12 25	9 14 27	10 15 30	11 16 33	12 17 35	12 18 37	
Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11		
8" Inlet	36" Long 12" Down Blow (33%)	CFM	90	110	130	140	160	180	200	220	230	240
		Ps	0.03	0.05	0.07	0.08	0.10	0.13	0.16	0.19	0.21	0.23
		NC	<20	<20	21	23	26	29	32	34	36	37
		Throw	2 5 10	3 6 12	5 7 14	5 8 15	6 9 17	6 10 19	7 11 22	8 12 24	8 12 25	9 13 26
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11	
	48" Long 12" Down Blow (25%)	CFM	120	140	170	190	220	240	260	290	300	320
		Ps	0.04	0.05	0.07	0.09	0.12	0.14	0.17	0.21	0.22	0.25
		NC	<20	<20	23	26	30	32	34	37	38	40
		Throw	3 6 12	4 7 14	6 8 17	6 9 19	7 11 22	8 12 24	9 13 26	10 14 29	10 15 30	11 16 32
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	1 3 9	2 4 10	2 4 10	2 5 11	
	60" Long 12" Down Blow (20%)	CFM	150	180	210	240	270	300	330	360	380	400
		Ps	0.04	0.06	0.08	0.10	0.13	0.16	0.19	0.23	0.26	0.28
NC		<20	21	25	28	31	34	37	39	40	42	
Throw		3 7 14	5 8 16	6 10 19	7 11 22	8 12 25	9 14 27	10 15 30	11 16 33	12 17 35	12 18 37	
Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11		
10" Inlet	36" Long 12" Down Blow (33%)	CFM	90	110	130	140	160	180	200	220	230	240
		Ps	0.02	0.04	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.17
		NC	<20	<20	<20	20	23	26	29	31	33	34
		Throw	2 5 10	3 6 12	5 7 14	5 8 15	6 9 17	6 10 19	7 11 22	8 12 24	8 12 25	9 13 26
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11	
	48" Long 12" Down Blow (25%)	CFM	120	140	170	190	220	240	260	290	300	320
		Ps	0.03	0.04	0.06	0.08	0.10	0.12	0.14	0.18	0.19	0.22
		NC	<20	<20	20	23	27	29	31	34	35	37
		Throw	3 6 12	4 7 14	6 8 17	6 9 19	7 11 22	8 12 24	9 13 26	10 14 29	10 15 30	11 16 32
	Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	1 3 9	2 4 10	2 4 10	2 5 11	
	60" Long 12" Down Blow (20%)	CFM	150	180	210	240	270	300	330	360	380	400
		Ps	0.03	0.05	0.06	0.08	0.10	0.13	0.15	0.18	0.21	0.23
NC		<20	<20	23	26	29	32	35	37	38	40	
Throw		3 7 14	5 8 16	6 10 19	7 11 22	8 12 25	9 14 27	10 15 30	11 16 33	12 17 35	12 18 37	
Vertical Proj	1 1 3	1 1 4	1 1 6	1 2 6	1 2 7	1 3 8	2 3 9	2 4 10	2 5 10	2 5 11		
Model FSRB Return Air Performance Data	CFM/FOOT	20	30	40	50	60	70	80	90	100	110	
	-Ps	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.13	

Test Standard

- ANSI / ASHRAE standard 70
- Isothermal air used during testing.

Sound Levels

- NC is 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

Throw

- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150, 100, & 50 fpm, with the jet attached to the ceiling surface.

Vertical Projection

- The numbers shown are projection distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150, 100, & 50 fpm, with a 12" down-blow section.

Pressure

- PS represents Static Pressure, inches of water
- -PS represents static pressure, inches of water, for ceiling plenum return applications