

6" Inlet	24" Long	CFM	60	80	100	100	120	130	140	160	170	180
		Ps	0.04	0.06	0.10	0.10	0.14	0.17	0.19	0.25	0.28	0.32
		NC	<20	<20	21	21	26	28	30	34	35	37
		Throw	2 5 10	4 6 13	5 8 16	5 8 16	6 10 19	7 11 21	8 11 23	9 13 26	9 14 27	10 15 28
	36" Long	CFM	90	120	140	150	180	200	220	230	250	270
		Ps	0.05	0.08	0.11	0.13	0.18	0.23	0.28	0.30	0.36	0.42
		NC	<20	<20	22	24	29	32	34	35	37	39
		Throw	3 6 12	5 8 16	6 9 18	7 10 20	8 12 24	9 13 26	10 15 29	10 15 30	11 16 33	12 18 35
	48" Long	CFM	120	160	190	200	240	260	290	310	340	360
		Ps	0.05	0.09	0.13	0.15	0.21	0.25	0.31	0.35	0.42	0.48
		NC	<20	22	26	27	32	34	37	39	41	43
		Throw	3 7 14	6 9 18	7 11 22	8 11 23	9 14 27	10 15 30	11 17 33	12 18 35	13 19 39	14 21 40
60" Long	CFM	150	200	240	260	300	330	360	390	420	450	
	Ps	0.05	0.09	0.13	0.16	0.21	0.25	0.30	0.35	0.41	0.47	
	NC	<20	23	27	29	33	36	38	40	42	44	
	Throw	4 8 15	6 10 20	8 12 25	9 13 27	10 15 31	11 17 34	12 18 37	13 20 40	14 21 43	15 23 45	

8" Inlet	24" Long	CFM	60	80	100	100	120	130	140	160	170	180
		Ps	0.02	0.04	0.07	0.07	0.09	0.11	0.13	0.17	0.19	0.21
		NC	<20	<20	<20	<20	21	23	25	29	30	32
		Throw	2 5 10	4 6 13	5 8 16	5 8 16	6 10 19	7 11 21	8 11 23	9 13 26	9 14 27	10 15 28
	36" Long	CFM	90	120	140	150	180	200	220	230	250	270
		Ps	0.03	0.05	0.07	0.08	0.12	0.14	0.17	0.19	0.22	0.26
		NC	<20	<20	<20	20	25	28	30	31	33	35
		Throw	3 6 12	5 8 16	6 9 18	7 10 20	8 12 24	9 13 26	10 15 29	10 15 30	11 16 33	12 18 35
	48" Long	CFM	120	160	190	200	240	260	290	310	340	360
		Ps	0.04	0.07	0.10	0.11	0.16	0.19	0.24	0.27	0.33	0.37
		NC	<20	<20	21	22	27	29	32	34	36	38
		Throw	3 7 14	6 9 18	7 11 22	8 11 23	9 14 27	10 15 30	11 17 33	12 18 35	13 19 39	14 21 40
60" Long	CFM	150	200	240	260	300	330	360	390	420	450	
	Ps	0.05	0.08	0.12	0.14	0.19	0.23	0.27	0.31	0.36	0.42	
	NC	<20	<20	23	25	29	32	34	36	38	40	
	Throw	4 8 15	6 10 20	8 12 25	9 13 27	10 15 31	11 17 34	12 18 37	13 20 40	14 21 43	15 23 45	

10" Inlet	24" Long	CFM	60	80	100	100	120	130	140	160	170	180
		Ps	0.02	0.03	0.04	0.04	0.06	0.07	0.08	0.11	0.12	0.14
		NC	<20	<20	<20	<20	<20	21	23	27	28	30
		Throw	2 5 10	4 6 13	5 8 16	5 8 16	6 10 19	7 11 21	8 11 23	9 13 26	9 14 27	10 15 28
	36" Long	CFM	90	120	140	150	180	200	220	230	250	270
		Ps	0.02	0.04	0.06	0.07	0.10	0.12	0.14	0.16	0.19	0.22
		NC	<20	<20	<20	<20	22	25	27	28	30	32
		Throw	3 6 12	5 8 16	6 9 18	7 10 20	8 12 24	9 13 26	10 15 29	10 15 30	11 16 33	12 18 35
	48" Long	CFM	120	160	190	200	240	260	290	310	340	360
		Ps	0.03	0.05	0.07	0.08	0.12	0.14	0.17	0.20	0.24	0.26
		NC	<20	<20	<20	<20	24	26	29	31	33	35
		Throw	3 7 14	6 9 18	7 11 22	8 11 23	9 14 27	10 15 30	11 17 33	12 18 35	13 19 39	14 21 40
60" Long	CFM	150	200	240	260	300	330	360	390	420	450	
	Ps	0.03	0.06	0.09	0.10	0.14	0.17	0.20	0.24	0.27	0.31	
	NC	<20	<20	20	22	26	29	31	33	35	37	
	Throw	4 8 15	6 10 20	8 12 25	9 13 27	10 15 31	11 17 34	12 18 37	13 20 40	14 21 43	15 23 45	

Model FSR 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.

Pressure

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

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.