

MODEL XS800-3

3-3/4" HIGH

Nom Length	CFM / FOOT	100	125	150	175	200	225	250	275	275	300
	Ps	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.13	0.16
24	CFM	200	250	300	350	400	450	500	550	550	600
	NC	<20	22	27	31	35	38	41	44	44	46
	Throw	3 5 8	5 7 10	7 8 12	8 10 14	9 11 16	10 12 18	11 14 20	12 15 22	12 15 22	13 17 24
36	CFM	300	375	450	525	600	675	750	825	825	900
	NC	<20	23	28	32	36	39	42	45	45	47
	Throw	4 6 10	6 8 12	8 10 15	9 12 17	11 14 20	12 15 22	14 17 25	15 19 27	15 19 27	16 20 30
48	CFM	400	500	600	700	800	900	1000	1100	1100	1200
	NC	<20	24	29	33	37	40	43	46	46	48
	Throw	5 7 11	7 10 14	9 12 17	11 14 20	13 16 23	14 18 26	16 20 28	17 21 31	17 21 31	19 23 34
60	CFM	500	630	750	880	1000	1130	1250	1380	1380	1500
	NC	<20	25	30	34	38	41	44	47	47	49
	Throw	5 8 13	8 11 16	10 13 19	12 15 22	14 17 25	16 20 29	17 22 32	19 24 35	19 24 35	21 26 38
72	CFM	600	750	900	1050	1200	1350	1500	1650	1650	1800
	NC	20	26	31	35	39	42	45	48	48	50
	Throw	6 9 14	9 12 17	11 14 21	13 17 24	15 19 28	17 22 31	19 24 35	21 26 38	21 26 38	23 29 42
96	CFM	800	1000	1200	1400	1600	1800	2000	2200	2200	2400
	NC	21	27	32	36	40	43	46	49	49	51
	Throw	7 10 16	10 14 20	13 17 24	15 19 28	18 22 32	20 25 36	22 28 40	24 30 44	24 30 44	27 33 48
120	CFM	1000	1250	1500	1750	2000	2250	2500	2750	2750	3000
	NC	22	28	33	37	41	44	47	50	50	52
	Throw	7 12 18	12 15 22	15 19 27	17 22 31	20 25 36	22 28 40	25 31 45	27 34 49	27 34 49	30 37 54
144	CFM	1200	1500	1800	2100	2400	2700	3000	3300	3300	3600
	NC	23	29	34	38	42	45	48	51	51	53
	Throw	8 13 20	13 17 25	16 20 30	19 24 34	22 27 39	24 30 44	27 34 49	30 37 54	30 37 54	32 41 59

MODEL XS800-7

7" HIGH

Nom Length	CFM / FOOT	100	125	150	175	200	225	250	275	275	300
	Ps	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
24	CFM	200	250	300	350	400	450	500	550	550	600
	NC	<20	<20	21	25	29	32	35	38	38	40
	Throw	1 2 4	2 3 6	3 4 8	4 6 9	5 7 11	6 8 12	7 9 13	8 10 15	8 10 15	9 11 16
36	CFM	300	375	450	525	600	675	750	825	825	900
	NC	<20	<20	22	26	30	33	36	39	39	41
	Throw	2 2 5	2 4 8	3 5 10	5 7 11	6 9 13	8 10 15	9 11 16	10 12 18	10 12 18	11 13 20
48	CFM	400	500	600	700	800	900	1000	1100	1100	1200
	NC	<20	<20	23	27	31	34	37	40	40	42
	Throw	2 3 6	3 4 9	4 6 11	5 8 13	7 10 15	9 12 17	10 13 19	11 14 21	11 14 21	12 16 23
60	CFM	500	630	750	880	1000	1130	1250	1380	1380	1500
	NC	<20	<20	24	28	32	35	38	41	41	43
	Throw	2 3 6	3 5 10	4 7 13	6 9 15	8 12 17	10 13 19	12 14 21	13 16 23	13 16 23	14 17 25
72	CFM	600	750	900	1050	1200	1350	1500	1650	1650	1800
	NC	<20	20	25	29	33	36	39	42	42	44
	Throw	2 3 7	3 5 11	5 8 14	7 10 16	9 13 18	11 14 21	13 16 23	14 17 25	14 17 25	15 19 28
96	CFM	800	1000	1200	1400	1600	1800	2000	2200	2200	2400
	NC	<20	21	26	30	34	37	40	43	43	45
	Throw	2 4 8	4 6 13	6 9 16	8 12 19	10 15 21	13 16 24	15 18 27	16 20 29	16 20 29	18 22 32
120	CFM	1000	1250	1500	1750	2000	2250	2500	2750	2750	3000
	NC	<20	22	27	31	35	38	41	44	44	46
	Throw	3 4 9	4 7 14	6 10 18	8 13 21	11 16 24	14 18 27	16 20 30	18 23 33	18 23 33	20 25 36
144	CFM	1200	1500	1800	2100	2400	2700	3000	3300	3300	3600
	NC	<20	24	29	33	37	40	43	46	46	48
	Throw	3 5 10	5 7 16	7 11 20	9 15 23	12 18 26	15 20 29	18 22 33	20 25 36	20 25 36	22 27 39

Test Standard

- ANSI / ASHRAE standard 70

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 (Horizontal Pattern)

- The numbers shown in table 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 a surface. These are TWO way patterns.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream

Pressure

- PS represents Static Pressure, inches of water