SERIES 7600 PERFORMANCE DATA

Module	Neck Size	fpm Neck Velocity		300	400	500	600	700	800	1000	1200
		Pv		.006	.010	.016	.022	.031	.040	.062	.090
12 x 12	6	CFM		60	80	100	120	135	155	195	235
		Pt		.015	.026	.041	.060	.075	.099	.157	.229
		NC		<15	<15	<15	19	23	26	30	35
		Throw	4-Way*	1-1-2	1-2-3	1-2-4	2-2-5	2-3-5	2-3-6	3-4-6	3-5-7
			4-Way	1-2-4	2-3-5	2-4-6	3-4-6	3-5-7	4-5-7	5-6-8	5-6-9
			3-Way	2-2-5	2-3-6	3-4-7	3-5-7	4-5-8	4-6-8	5-6-9	6-7-10
			2-Way	2-3-5	2-3-6	3-4-7	3-5-8	4-6-8	4-6-9	6-7-10	6-8-11
			1-Way	4-6-9	5-7-10	7-8-11	7-9-12	8-9-13	8-10-14	9-11-16	10-12-17
	8	CFM		105	140	175	210	245	280	350	420
		Pt		.016	.028	.044	.063	.086	.112	.175	.252
		NC		<15	<15	<15	19	24	27	31	37
		Throw	4-Way*	1-2-3	1-2-4	2-3-5	2-3-6	2-4-7	3-4-8	3-5-8	4-6-9
			4-Way	2-3-6	3-4-7	3-5-8	4-6-9	4-7-9	5-7-10	6-8-11	7-9-12
			3-Way	2-3-6	3-4-8	3-5-9	4-6-9	5-7-10	6-8-11	7-9-12	8-9-13
			2-Way	2-3-7	3-5-9	4-6-10	5-7-11	5-8-11	6-9-12	8-10-14	9-11-15
			1-Way	5-8-12	7-9-13	9-11-15	9-12-16	10-12-18	11-13-19	12-15-21	13-16-23
24 x 24	6	CFM		60	80	100	120	135	155	195	235
		Pt		.015	.026	.041	.060	.075	.099	.157	.229
		NC		<15	<15	<15	19	23	26	30	35
		Throw	4-Way*	1-1-2	1-2-3	1-2-4	2-2-5	2-3-6	2-3-6	3-4-7	3-5-7
			4-Way	1-2-5	2-3-6	3-4-6	3-5-7	3-5-7	4-5-8	5-6-9	6-7-10
			3-Way	2-3-5	2-3-6	3-4-7	3-5-7	4-6-8	4-6-9	5-7-10	6-7-10
			2-Way	2-3-5	2-4-7	3-5-8	4-5-8	4-6-9	5-7-10	6-8-11	7-8-12
			1-Way	4-6-9	6-8-11	7-8-12	8-9-13	8-10-14	9-10-15	10-12-17	11-13-18
	8	CFM		105	140	175	210	245	280	350	420
		Pt		.016	.028	.044	.063	.086	.112	.175	.252
		NC		<15	<15	<15	19	24	27	31	37
		Throw	4-Way*	1-2-3	1-2-4	2-3-5	2-3-7	3-4-7	3-4-8	4-5-9	4-7-10
			4-Way	2-3-6	3-4-7	3-5-8	4-6-9	5-7-10	5-7-10	7-8-12	7-9-13
			3-Way	2-3-7	3-4-8	4-5-9	4-7-10	5-8-11	6-8-11	7-9-13	8-10-14
			2-Way	2-4-7	3-5-9	4-6-10	5-7-11	6-8-12	6-9-13	8-10-14	9-11-16
			1-Way	5-8-12	7-10-14	9-11-16	10-12-17	11-13-19	11-14-20	13-16-22	14-17-24

SERIES 7600 PERFORMANCE DATA

Module	Neck Size	fpm Neck Velocity		300	400	500	600	700	800	1000	1200
		Pv		.006	.010	.016	.022	.031	.040	.062	.090
24 x 24	10	CFM		165	220	275	325	380	435	545	655
		Pt		.017	.030	.047	.066	.090	.118	.186	.268
		NC		<15	<15	<15	20	25	29	34	39
		Throw	4-Way*	1-2-4	2-3-5	2-3-7	3-4-8	3-5-9	4-5-10	5-7-11	5-8-12
			4-Way	2-4-8	3-5-9	4-6-10	5-7-11	6-9-12	7-9-13	8-10-15	9-11-16
			3-Way	3-4-8	4-6-10	5-7-11	5-8-12	6-9-13	7-10-14	9-11-16	10-12-18
			2-Way	3-4-9	4-6-11	5-7-13	6-9-14	7-10-15	8-11-16	10-13-18	11-14-20
			1-Way	7-10-15	9-12-18	11-14-20	12-15-21	13-16-23	14-18-25	16-20-28	18-21-30
	12	CFM		235	315	395	470	550	630	785	940
		Pt		.018	.033	.052	.074	.101	.133	.206	.295
		NC		<15	<15	15	22	27	31	36	42
		Throw	4-Way*	2-2-5	2-3-7	3-4-8	3-5-10	4-6-11	4-7-12	5-8-13	7-10-15
			4-Way	3-5-9	4-6-11	5-8-12	6-9-13	7-10-15	8-11-16	10-12-17	11-13-19
			3-Way	3-5-10	4-7-12	5-8-14	7-10-15	8-11-16	9-12-17	11-14-19	12-15-21
			2-Way	4-5-11	5-7-14	6-9-15	7-11-17	8-12-18	9-14-19	12-15-21	14-17-23
			1-Way	8-12-18	11-15-21	14-17-24	15-18-26	16-20-28	17-21-30	19-24-33	21-26-36
	14	CFM		320	430	535	640	750	855	1070	1285
		Pt		.017	.031	.048	.068	.094	.122	.191	.276
		NC		<15	<15	16	24	29	33	38	44
		Throw	4-Way*	2-3-6	3-4-8	3-5-10	4-6-11	4-7-13	5-8-14	6-10-16	8-11-17
			4-Way	3-5-11	5-7-13	6-9-14	7-11-16	8-12-17	9-13-18	12-14-20	13-16-22
			3-Way	4-6-11	5-8-14	6-10-16	8-11-17	9-13-19	10-14-20	13-16-22	14-17--25
			2-Way	4-6-12	6-8-16	7-10-18	8-12-19	10-15-21	11-16-22	14-18-25	16-19-27
			1-Way	9-14-21	13-17-25	16-19-27	17-21-30	19-23-33	20-25-35	22-27-39	25-30-43
	16	CFM		420	560	700	840	975	1115	1395	1675
		Pt		.019	.033	.052	.075	.101	.132	.206	.297
		NC		<15	<15	17	25	30	34	39	46
		Throw	4-Way*	2-3-7	3-4-9	4-5-11	4-7-13	5-8-15	6-9-16	7-11-18	9-13-20
			4-Way	4-6-12	5-8-15	7-10-16	8-12-18	9-14-19	11-15-21	13-16-23	15-18-25
			3-Way	4-7-13	6-9-16	7-11-18	9-13-20	10-15-21	12-16-23	15-18-26	16-20-28
			2-Way	5-7-14	6-9-18	8-12-20	9-14-22	11-17-24	13-18-26	16-20-29	18+22-31
			1-Way	10-16-24	15-20-28	18-22-31	20-24-34	21-26-37	23-28-40	26-31-44	28-34-49

SERIES 7650 PERFORMANCE DATA

Module	Neck Size	fpm Neck Velocity		300	400	500	600	700	800	1000	1200
		Pv		.006	.010	.016	.022	.031	.040	.062	.090
12 x 12	6 x 6	CFM		75	100	125	150	175	200	250	300
		Pt		.017	.031	.048	.070	.095	.124	.194	.279
		NC		<15	<15	<15	16	21	25	30	36
		Throw	4-Way*	1-1-3	1-2-3	1-2-4	2-3-5	2-3-6	2-3-6	3-4-7	3-5-8
			4-Way	1-2-5	2-3-6	3-4-7	3-5-7	4-6-8	4-6-8	5-7-9	6-7-10
			3-Way	2-3-5	2-4-7	3-4-7	4-5-8	4-6-9	5-7-9	6-7-10	7-8-11
			2-Way	2-3-6	3-4-7	3-5-8	4-6-9	4-7-10	5-7-10	6-8-11	7-9-13
			1-Way	4-7-10	6-8-11	7-9-13	8-10-14	9-11-15	9-11-16	10-13-18	11-14-20
	8 x 8	CFM		135	180	220	265	310	355	445	535
		Pt		.020	.036	.054	.079	.108	.141	.222	.321
		NC		<15	<15	<15	16	21	25	30	36
		Throw	4-Way*	1-1-3	1-2-4	2-2-5	2-3-6	2-3-6	2-4-7	3-5-8	4-6-8
			4-Way	2-3-5	2-3-6	3-4-7	3-5-8	4-6-8	5-6-9	6-7-10	6-8-11
			3-Way	2-3-6	2-4-7	3-5-8	4-6-8	4-6-9	5-7-10	6-8-11	7-8-12
			2-Way	2-3-6	3-4-8	3-5-9	4-6-9	5-7-10	5-8-11	7-9-12	8-9-13
			1-Way	4-7-10	6-8-12	8-9-13	8-10-15	9-11-16	10-12-17	11-13-19	12-15-21
24 x 24	6 x 6	CFM		75	100	125	150	175	200	250	300
		Pt		.017	.031	.048	.070	.095	.124	.194	.279
		NC		<15	<15	<15	16	21	25	30	36
		Throw	4-Way*	1-1-3	1-2-4	2-2-5	2-3-6	2-3-6	2-4-7	3-5-8	4-6-8
			4-Way	2-3-5	2-3-6	3-4-7	3-5-8	4-6-8	5-6-9	6-7-10	6-8-11
			3-Way	2-3-6	2-4-7	3-5-8	4-6-8	46-9	5-7-10	6-8-11	7-8-12
			2-Way	2-3-6	3-4-8	3-5-9	4-6-9	5-7-10	5-8-11	7-9-12	8-9-13
			1-Way	4-7-10	6-8-12	8-9-13	8-10-15	9-11-16	10-12-17	11-13-19	12-15-21
	8 x 8	CFM		135	180	220	265	310	355	445	535
		Pt		.020	.036	.054	.079	.108	.141	.222	.321
		NC		<15	<15	<15	16	21	25	30	36
		Throw	4-Way*	1-2-4	2-2-5	2-3-6	2-4-7	3-4-8	3-5-9	4-6-10	5-7-11
			4-Way	2-3-7	3-5-8	4-6-9	5-7-10	5-8-11	6-8-12	8-9-13	8-10-14
			3-Way	2-4-7	3-5-9	4-6-10	5-7-11	6-9-12	7-9-13	8-10-14	9-11-16
			2-Way	3-4-8	4-5-10	4-7-11	5-8-12	6-9-13	7-10-14	9-11-16	10-12-18
			1-Way	6-9-14	8-11-16	10-12-18	11-14-19	12-15-21	13-16-22	14-18-25	16-19-27

SERIES 7650 PERFORMANCE DATA

Module	Neck Size	fpm Neck Velocity		300	400	500	600	700	800	1000	1200
		Pv		.006	.010	.016	.022	.031	.040	.062	.090
24 x 24	10 x 10	CFM		210	280	345	415	485	555	695	835
		Pt		.023	.040	.061	.089	.089	.159	.249	.359
		NC		<15	<15	<15	20	26	29	36	42
		Throw	4-Way*	2-2-5	2-3-6	3-4-8	3-5-9	4-5-11	4-6-11	5-8-13	6-9-14
			4-Way	3-4-9	4-6-10	5-7-12	6-8-13	7-10-14	8-10-15	9-12-16	10-13-18
			3-Way	3-5-9	4-6-11	5-8-13	6-9-14	7-11-15	8-11-18	10-13-18	11-14-20
			2-Way	3-5-10	4-7-13	6-8-14	7-10-16	8-12-17	9-13-18	11-14-20	13-16-22
			1-Way	7-12-17	10-14-20	13-16-22	14-17-24	15-18-26	16-20-28	18-22-31	20-24-34
	12 x 12	CFM		300	400	500	600	700	800	1000	1200
		Pt		.023	.040	.063	.090	.123	.160	.250	.360
		NC		<15	<15	<15	18	23	28	34	40
		Throw	4-Way*	2-3-6	2-4-7	3-5-9	4-6-11	4-6-13	5-7-14	6-9-15	7-11-17
			4-Way	3-5-10	5-7-12	6-9-14	7-10-15	8-12-16	9-12-18	11-14-20	12-15-22
			3-Way	4-6-11	5-7-14	6-9-15	7-11-17	9-13-18	10-14-19	12-15-22	14-17-24
			2-Way	4-6-12	5-8-15	7-10-17	8-12-19	9-14-20	11-15-22	13-17-24	15-19-26
			1-Way	9-14-21	12-17-24	15-19-27	17-21-29	18-22-31	19-24-34	22-27-38	24-29-41
	14 x 14	CFM		410	545	680	815	955	1090	1360	1630
		Pt		.023	.040	.062	.089	.121	.159	.248	.356
		NC		<15	<15	<15	21	28	33	41	49
		Throw	4-Way*	2-3-6	3-4-9	4-5-11	4-6-13	5-7-15	6-9-16	7-11-18	9-13-19
			4-Way	4-6-12	5-8-15	7-10-16	8-12-18	9-14-19	11-15-21	13-16-23	15-18-25
			3-Way	4-7-13	6-9-16	7-11-18	9-13-20	10-15-21	12-16-23	14-18-25	16-20-28
			2-Way	5-7-14	6-9-18	8-12-20	9-14-22	11-16-24	12-18-25	16-20-28	18-23-31
			1-Way	10-16-24	14-20-28	18-23-31	20-24-34	21-26-37	23-28-29	25-31-44	28-34-48
	16 x 16	CFM		535	710	890	1070	1245	1425	1780	2135
		Pt		.027	.047	.074	.108	.146	.191	.298	.428
		NC		<15	<15	15	23	30	35	42	50
		Throw	4-Way*	2-4-7	3-5-10	4-6-12	5-7-15	6-9-17	7-10-18	8-12-20	10-15-22
			4-Way	4-7-14	6-9-17	8-11-19	9-14-20	11-16-22	12-17-23	15-19-26	17-20-29
			3-Way	5-7-15	7-10-18	8-12-20	10-15-22	12-17-24	13-18-26	16-20-29	18-22-32
			2-Way	5-8-16	7-11-20	9-13-23	11-16-25	12-19-27	14-20-29	18-23-32	20-25-35
			1-Way	12-18-27	16-22-32	20-25-35	22-27-39	24-30-42	26-32-45	29-35-50	32-39-55

PERFORMANCE NOTES FOR SERIES 7500/7550/7600/7650

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM	*Cubic Feet per Minute (air)*
fpm	*Velocity of air stream in Feet per Minute*
Pv	*Velocity pressure (inches of water column)*
Pt	*Total pressure (inches of water column)*
Ps	*Static pressure = Pt–Pv (inches of water column)*
*Throw**	*Non-isothermal horizontal throw (supply air temperature 15°F colder than average room temperature); values are for 150, 100 and 50fpm velocities*
Throw	*Isothermal throw (supply air temperature the same as average room temperature); values are for 150, 100 and 50fpm velocities*
NC	*Noise criterion, sound pressure level NC ratings are based on sound power level (Lw) re: 10^{-12} watts minus a 10dB room attenuation in all octave bands*