SH, 5SH, SHFR, MSH Performance Data: Horizontal Throw

IP DATA: SH, 5SH, SHFR, MSH (NO DAMPER)

						Air Discharge Pattern						
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	1-Way Throw	2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
								Flow	Throw	Flow	Throw	
in.	FPM	"WG	"WG	CFM		ft	ft	CFM	ft	CFM	ft	ft
6" x 6"	200	0.015	0.013	50	-	5 - 8 - 11	3 - 4 - 8	13	1 - 3 - 7	19	2 - 4 - 7	1 - 3 - 7
	400	0.061	0.051	100	-	9 - 11 - 16	5 - 8 - 12	25	4 - 7 - 9	38	3 - 6 - 10	4 - 7 - 9
	600	0.138	0.116	150	19	11 - 14 - 20	8 - 10 - 15	38	7 - 8 - 11	56	6 - 9 - 12	7 - 8 - 11
	800	0.246	0.206	200	27	13 - 16 - 23	10 - 12 - 17	50	8 - 9 - 13	75	8 - 10 - 14	8 - 9 - 13
	1000	0.384	0.322	250	33	15 - 18 - 25	11 - 14 - 19	63	8 - 10 - 15	94	9 - 11 - 16	8 - 10 - 15
	1200	0.553	0.463	300	37	16 - 20 - 28	12 - 15 - 21	75	9 - 11 - 16	113	10 - 12 - 17	9 - 11 - 16
	1300	0.649	0.543	325	40	17 - 21 - 29	13 - 15 - 22	81	10 - 12 - 17	122	10 - 13 - 18	10 - 12 - 17
9" x 9"	200	0.015	0.013	113	-	8 - 11 - 17	4 - 6 - 11	28	2 - 4 - 10	42	4 - 6 - 11	2 - 4 - 10
	400	0.061	0.051	225	11	14 - 17 - 24	8 - 11 - 18	56	7 - 10 - 14	84	7 - 11 - 16	7 - 10 - 14
	600	0.138	0.116	338	22	17 - 21 - 30	11 - 16 - 22	84	10 - 12 - 17	127	11 - 14 - 20	10 - 12 - 17
	800	0.246	0.206	450	30	20 - 24 - 34	15 - 18 - 26	113	11 - 14 - 20	169	13 - 16 - 23	11 - 14 - 20
	1000	0.384	0.322	563	35	22 - 27 - 38	17 - 20 - 29	141	13 - 16 - 22	211	15 - 18 - 25	13 - 16 - 22
	1100	0.465	0.389	619	38	23 - 28 - 40	17 - 21 - 30	155	13 - 16 - 23	232	15 - 19 - 27	13 - 16 - 23
	1200	0.553	0.463	675	40	24 - 30 - 42	18 - 22 - 31	169	14 - 17 - 24	253	16 - 20 - 28	14 - 17 - 24
12" x 12"	200	0.015	0.013	200	-	10 - 15 - 23	5 - 8 - 15	50	3 - 6 - 13	75	5 - 7 - 15	3 - 6 - 13
	400	0.061	0.051	400	13	19 - 23 - 32	10 - 15 - 24	100	9 - 13 - 19	150	10 - 15 - 21	9 - 13 - 19
	600	0.138	0.116	600	24	23 - 28 - 39	15 - 21 - 30	150	13 - 16 - 23	225	15 - 18 - 26	13 - 16 - 23
	800	0.246	0.206	800	31	26 - 32 - 46	20 - 24 - 34	200	15 - 19 - 26	300	17 - 21 - 30	15 - 19 - 26
	1000	0.384	0.322	1000	37	29 - 36 - 51	22 - 27 - 38	250	17 - 21 - 29	375	19 - 24 - 34	17 - 21 - 29
	1100	0.465	0.389	1100	40	31 - 38 - 53	23 - 28 - 40	275	18 - 22 - 31	413	20 - 25 - 35	18 - 22 - 31
	1200	0.553	0.463	1200	42	32 - 39 - 56	24 - 30 - 42	300	19 - 23 - 32	450	21 - 26 - 37	19 - 23 - 32
15" x 15"	200	0.015	0.013	313	-	13 - 19 - 29	6 - 10 - 19	78	3 - 7 - 16	117	6 - 9 - 18	3 - 7 - 16
	400	0.061	0.051	625	15	23 - 29 - 40	13 - 19 - 30	156	11 - 16 - 23	234	12 - 18 - 27	11 - 16 - 23
	600	0.138	0.116	938	25	29 - 35 - 49	19 - 26 - 37	234	16 - 20 - 28	352	18 - 23 - 33	16 - 20 - 28
	800	0.246	0.206	1250	33	33 - 40 - 57	25 - 30 - 43	313	19 - 23 - 33	469	22 - 27 - 38	19 - 23 - 33
	1000	0.384	0.322	1563	39	37 - 45 - 64	28 - 34 - 48	391	21 - 26 - 37	586	24 - 30 - 42	21 - 26 - 37
	1100	0.465	0.389	1719	41	39 - 47 - 67	29 - 35 - 50	430	22 - 27 - 38	645	26 - 31 - 44	22 - 27 - 38
	1200	0.553	0.463	1875	43	40 - 49 - 70	30 - 37 - 52	469	23 - 28 - 40	703	27 - 33 - 46	23 - 28 - 40
18" x 18"	200	0.015	0.013	450	-	15 - 23 - 34	8 - 11 - 23	113	4 - 9 - 20	169	7 - 11 - 22	4 - 9 - 20
	400	0.061	0.051	900	16	28 - 34 - 48	15 - 23 - 36	225	13 - 20 - 28	338	15 - 22 - 32	13 - 20 - 28
	600	0.138	0.116	1350	27	34 - 42 - 59	23 - 31 - 44	338	20 - 24 - 34	506	22 - 28 - 39	20 - 24 - 34
	800	0.246	0.206	1800	34	39 - 48 - 68	30 - 36 - 51	450	23 - 28 - 39	675	26 - 32 - 45	23 - 28 - 39
	900	0.311	0.260	2025	37	42 - 51 - 73	31 - 38 - 54	506	24 - 30 - 42	759	28 - 34 - 48	24 - 30 - 42
	1000	0.384	0.322	2250	40	44 - 54 - 76	33 - 41 - 57	563	25 - 31 - 44	844	29 - 36 - 51	25 - 31 - 44
	1100	0.465	0.389	2475	42	46 - 57 - 80	35 - 42 - 60	619	27 - 33 - 46	928	31 - 38 - 53	27 - 33 - 46

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for 1-Throw is for [Total CFM] CFM per side. The throw values given for 2-Throw is for [(Total CFM)/2] CFM per side. The throw values given for 4-Throw is for [(Total CFM)/4] CFM per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH Performance Data: Horizontal Throw

IP DATA: SH, 5SH (NO DAMPER)

						Air Discharge Pattern						
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	1-Way Throw	2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
								Flow	Throw	Flow	Throw	
in.	FPM	"WG	"WG	CFM		ft	ft	CFM	ft	CFM	ft	ft
21" x 21"	200	0.015	0.013	613	-	18 - 27 - 40	9 - 13 - 27	153	5 - 10 - 23	230	8 - 13 - 26	5 - 10 - 23
	400	0.061	0.051	1225	17	33 - 40 - 56	18 - 27 - 42	306	16 - 23 - 32	459	17 - 26 - 37	16 - 23 - 32
	600	0.138	0.116	1838	28	40 - 49 - 69	27 - 37 - 52	459	23 - 28 - 40	689	26 - 32 - 46	23 - 28 - 40
	800	0.246	0.206	2450	35	46 - 56 - 80	35 - 42 - 60	613	27 - 32 - 46	919	31 - 37 - 53	27 - 32 - 46
	900	0.311	0.260	2756	38	49 - 60 - 85	37 - 45 - 63	689	28 - 34 - 49	1034	32 - 40 - 56	28 - 34 - 49
	1000	0.384	0.322	3063	41	52 - 63 - 89	39 - 47 - 67	766	30 - 36 - 51	1148	34 - 42 - 59	30 - 36 - 51
	1100	0.465	0.389	3369	43	54 - 66 - 94	40 - 50 - 70	842	31 - 38 - 54	1263	36 - 44 - 62	31 - 38 - 54
24" x 24"	200	0.015	0.013	800	-	20 - 31 - 46	10 - 15 - 30	200	5 - 12 - 26	300	10 - 15 - 29	5 - 12 - 26
	400	0.061	0.051	1600	18	37 - 46 - 64	20 - 30 - 48	400	18 - 26 - 37	600	20 - 29 - 43	18 - 26 - 37
	600	0.138	0.116	2400	28	46 - 56 - 79	30 - 42 - 59	600	26 - 32 - 45	900	29 - 37 - 52	26 - 32 - 45
	700	0.188	0.158	2800	32	49 - 60 - 85	35 - 45 - 64	700	28 - 35 - 49	1050	33 - 40 - 56	28 - 35 - 49
	800	0.246	0.206	3200	36	53 - 64 - 91	39 - 48 - 68	800	30 - 37 - 52	1200	35 - 43 - 60	30 - 37 - 52
	900	0.311	0.260	3600	39	56 - 68 - 97	42 - 51 - 72	900	32 - 39 - 56	1350	37 - 45 - 64	32 - 39 - 56
	1000	0.384	0.322	4000	42	59 - 72 - 102	44 - 54 - 76	1000	34 - 41 - 59	1500	39 - 48 - 68	34 - 41 - 59
30" x 30"	200	0.015	0.013	1250	-	26 - 38 - 57	13 - 19 - 38	313	7 - 15 - 33	469	12 - 18 - 37	7 - 15 - 33
	400	0.061	0.051	2500	19	47 - 57 - 81	25 - 38 - 60	625	22 - 33 - 46	938	25 - 37 - 53	22 - 33 - 46
	600	0.138	0.116	3750	30	57 - 70 - 99	38 - 52 - 74	938	33 - 40 - 57	1406	37 - 46 - 65	33 - 40 - 57
	700	0.188	0.158	4375	34	62 - 75 - 107	44 - 56 - 80	1094	35 - 43 - 61	1641	41 - 50 - 71	35 - 43 - 61
	800	0.246	0.206	5000	37	66 - 81 - 114	49 - 60 - 85	1250	38 - 46 - 66	1875	44 - 53 - 76	38 - 46 - 66
	900	0.311	0.260	5625	41	70 - 86 - 121	52 - 64 - 91	1406	40 - 49 - 70	2109	46 - 57 - 80	40 - 49 - 70
	1000	0.384	0.322	6250	43	74 - 90 - 127	55 - 68 - 95	1563	42 - 52 - 73	2344	49 - 60 - 84	42 - 52 - 73
36" x 36"	200	0.015	0.013	1800	-	31 - 46 - 68	15 - 23 - 46	450	8 - 18 - 39	675	14 - 22 - 44	8 - 18 - 39
	400	0.061	0.051	3600	20	56 - 68 - 97	30 - 46 - 72	900	27 - 39 - 56	1350	29 - 44 - 64	27 - 39 - 56
	500	0.096	0.080	4500	26	62 - 76 - 108	38 - 57 - 81	1125	33 - 44 - 62	1688	37 - 51 - 72	33 - 44 - 62
	600	0.138	0.116	5400	31	68 - 84 - 118	46 - 63 - 89	1350	39 - 48 - 68	2025	44 - 55 - 78	39 - 48 - 68
	700	0.188	0.158	6300	35	74 - 90 - 128	53 - 68 - 96	1575	43 - 52 - 74	2363	49 - 60 - 85	43 - 52 - 74
	800	0.246	0.206	7200	39	79 - 97 - 137	59 - 72 - 102	1800	45 - 56 - 79	2700	52 - 64 - 91	45 - 56 - 79
	900	0.311	0.260	8100	42	84 - 103 - 145	63 - 77 - 109	2025	48 - 59 - 83	3038	55 - 68 - 96	48 - 59 - 83
48" x 48"	200	0.015	0.013	3200	-	41 - 61 - 91	20 - 30 - 61	800	11 - 24 - 52	1200	19 - 29 - 59	11 - 24 - 52
	400	0.061	0.051	6400	22	74 - 91 - 129	41 - 61 - 97	1600	36 - 52 - 74	2400	39 - 59 - 85	36 - 52 - 74
	500	0.096	0.080	8000	28	83 - 102 - 144	51 - 76 - 108	2000	44 - 59 - 83	3000	49 - 68 - 96	44 - 59 - 83
	550	0.116	0.097	8800	31	87 - 107 - 151	56 - 80 - 113	2200	49 - 62 - 87	3300	54 - 71 - 100	49 - 62 - 87
	600	0.138	0.116	9600	33	91 - 112 - 158	61 - 84 - 118	2400	52 - 64 - 91	3600	59 - 74 - 105	52 - 64 - 91
	700	0.188	0.158	11200	37	99 - 121 - 171	71 - 90 - 128	2800	57 - 69 - 98	4200	65 - 80 - 113	57 - 69 - 98
	800	0.246	0.206	12800	41	105 - 129 - 182	79 - 97 - 137	3200	61 - 74 - 105	4800	70 - 85 - 121	61 - 74 - 105

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for 1-Throw is for [Total CFM] CFM per side. The throw values given for 2-Throw is for [(Total CFM)/2] CFM per side. The throw values given for 4-Throw is for [(Total CFM)/4] CFM per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH, MSH Performance Data: Horizontal Throw

IP DATA: SH, 5SH, MSH, ULTRA THROW (NO DAMPER)

						Discharge Air Pattern					
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	D2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
							Flow	Throw	Flow	Throw	
in.	FPM	"WG	"WG	CFM		ft	CFM	ft	CFM	ft	ft
6" x 6"	200	0.017	0.014	50	-	3 - 4 - 7	13	1 - 3 - 6	19	2 - 4 - 6	1 - 3 - 6
	400	0.068	0.058	100	12	5 - 7 - 10	25	4 - 6 - 8	38	3 - 6 - 8	4 - 6 - 8
	600	0.152	0.130	150	22	7 - 9 - 12	38	6 - 7 - 10	56	6 - 7 - 10	6 - 7 - 10
	800	0.270	0.230	200	30	8 - 10 - 14	50	6 - 8 - 11	75	7 - 8 - 12	6 - 8 - 11
	1000	0.422	0.360	250	36	9 - 11 - 16	63	7 - 9 - 12	94	8 - 9 - 13	7 - 9 - 12
	1200	0.608	0.518	300	40	10 - 12 - 18	75	8 - 10 - 14	113	8 - 10 - 14	8 - 10 - 14
	1300	0.714	0.608	325	43	11 - 13 - 18	81	8 - 10 - 14	122	9 - 11 - 15	8 - 10 - 14
9" x 9"	200	0.017	0.014	113	-	4 - 6 - 11	28	2 - 4 - 8	42	4 - 6 - 10	2 - 4 - 8
	400	0.068	0.058	225	14	8 - 11 - 15	56	7 - 8 - 12	84	7 - 10 - 13	7 - 8 - 12
	600	0.152	0.130	338	25	11 - 13 - 19	84	8 - 10 - 14	127	10 - 12 - 17	8 - 10 - 14
	800	0.270	0.230	450	33	12 - 15 - 22	113	10 - 12 - 17	169	11 - 13 - 19	10 - 12 - 17
	1000	0.422	0.360	563	38	14 - 17 - 24	141	11 - 13 - 19	211	12 - 15 - 21	11 - 13 - 19
	1100	0.511	0.436	619	41	15 - 18 - 25	155	11 - 14 - 19	232	13 - 16 - 22	11 - 14 - 19
	1200	0.608	0.518	675	43	15 - 19 - 26	169	12 - 14 - 20	253	13 - 17 - 23	12 - 14 - 20
12" x 12"	200	0.017	0.014	200	-	5 - 8 - 14	50	3 - 6 - 11	75	5 - 7 - 13	3 - 6 - 11
	400	0.068	0.058	400	16	10 - 14 - 20	100	9 - 11 - 16	150	10 - 13 - 18	9 - 11 - 16
	600	0.152	0.130	600	27	14 - 18 - 25	150	11 - 14 - 19	225	13 - 16 - 22	11 - 14 - 19
	800	0.270	0.230	800	34	17 - 20 - 29	200	13 - 16 - 22	300	15 - 18 - 25	13 - 16 - 22
	1000	0.422	0.360	1000	40	19 - 23 - 32	250	14 - 17 - 25	375	16 - 20 - 28	14 - 17 - 25
	1100	0.511	0.436	1100	43	19 - 24 - 34	275	15 - 18 - 26	413	17 - 21 - 30	15 - 18 - 26
	1200	0.608	0.518	1200	45	20 - 25 - 35	300	16 - 19 - 27	450	18 - 22 - 31	16 - 19 - 27
15" x 15"	200	0.017	0.014	313	-	6 - 10 - 18	78	3 - 7 - 14	117	6 - 9 - 16	3 - 7 - 14
	400	0.068	0.058	625	18	13 - 18 - 25	156	11 - 14 - 20	234	12 - 16 - 22	11 - 14 - 20
	600	0.152	0.130	938	28	18 - 22 - 31	234	14 - 17 - 24	352	16 - 19 - 28	14 - 17 - 24
	800	0.270	0.230	1250	36	21 - 25 - 36	313	16 - 20 - 28	469	18 - 22 - 32	16 - 20 - 28
	1000	0.422	0.360	1563	42	23 - 28 - 40	391	18 - 22 - 31	586	21 - 25 - 36	18 - 22 - 31
	1100	0.511	0.436	1719	44	24 - 30 - 42	430	19 - 23 - 32	645	22 - 26 - 37	19 - 23 - 32
	1200	0.608	0.518	1875	46	25 - 31 - 44	469	20 - 24 - 34	703	22 - 28 - 39	20 - 24 - 34
18" x 18"	200	0.017	0.014	450	-	8 - 11 - 22	113	4 - 9 - 17	169	7 - 11 - 19	4 - 9 - 17
	400	0.068	0.058	900	19	15 - 22 - 31	225	13 - 17 - 23	338	15 - 19 - 27	13 - 17 - 23
	600	0.152	0.130	1350	30	22 - 26 - 37	338	17 - 20 - 29	506	19 - 23 - 33	17 - 20 - 29
	800	0.270	0.230	1800	37	25 - 31 - 43	450	19 - 23 - 33	675	22 - 27 - 38	19 - 23 - 33
	900	0.342	0.292	2025	40	26 - 32 - 46	506	20 - 25 - 35	759	23 - 29 - 40	20 - 25 - 35
	1000	0.422	0.360	2250	43	28 - 34 - 48	563	21 - 26 - 37	844	25 - 30 - 43	21 - 26 - 37
	1100	0.511	0.436	2475	45	29 - 36 - 51	619	22 - 27 - 39	928	26 - 32 - 45	22 - 27 - 39

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for D2-Throw is for [(Total CFM)/2] CFM per side. The throw values given for 4-Throw is for [(Total CFM)/4] CFM per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH Performance Data: Horizontal Throw

IP DATA: SH, 5SH, ULTRA THROW, (NO DAMPER)

						Discharge Air Pattern					
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	D2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
							Flow	Throw	Flow	Throw	
in.	FPM	"WG	"WG	CFM		ft	CFM	ft	CFM	ft	ft
21" x 21"	200	0.017	0.014	613	-	9 - 13 - 25	153	5 - 10 - 19	230	8 - 13 - 22	5 - 10 - 19
	400	0.068	0.058	1225	20	18 - 25 - 36	306	16 - 19 - 27	459	17 - 22 - 31	16 - 19 - 27
	600	0.152	0.130	1838	31	25 - 31 - 44	459	19 - 24 - 33	689	22 - 27 - 39	19 - 24 - 33
	800	0.270	0.230	2450	38	29 - 36 - 50	613	22 - 27 - 39	919	26 - 31 - 45	22 - 27 - 39
	900	0.342	0.292	2756	41	31 - 38 - 53	689	24 - 29 - 41	1034	27 - 33 - 47	24 - 29 - 41
	1000	0.422	0.360	3063	44	33 - 40 - 56	766	25 - 31 - 43	1148	29 - 35 - 50	25 - 31 - 43
	1100	0.511	0.436	3369	46	34 - 42 - 59	842	26 - 32 - 45	1263	30 - 37 - 52	26 - 32 - 45
24" x 24"	200	0.017	0.014	800	-	10 - 15 - 29	200	5 - 12 - 22	300	10 - 15 - 25	5 - 12 - 22
	400	0.068	0.058	1600	21	20 - 29 - 41	400	18 - 22 - 31	600	20 - 25 - 36	18 - 22 - 31
	600	0.152	0.130	2400	31	29 - 35 - 50	600	22 - 27 - 38	900	25 - 31 - 44	22 - 27 - 38
	700	0.207	0.176	2800	35	31 - 38 - 54	700	24 - 29 - 41	1050	27 - 34 - 48	24 - 29 - 41
	800	0.270	0.230	3200	39	33 - 41 - 58	800	26 - 31 - 44	1200	29 - 36 - 51	26 - 31 - 44
	900	0.342	0.292	3600	42	35 - 43 - 61	900	27 - 33 - 47	1350	31 - 38 - 54	27 - 33 - 47
	1000	0.422	0.360	4000	45	37 - 45 - 64	1000	29 - 35 - 49	1500	33 - 40 - 57	29 - 35 - 49
30" x 30"	200	0.017	0.014	1250	-	13 - 19 - 36	313	7 - 15 - 28	469	12 - 18 - 32	7 - 15 - 28
	400	0.068	0.058	2500	22	25 - 36 - 51	625	22 - 28 - 39	938	25 - 32 - 45	22 - 28 - 39
	600	0.152	0.130	3750	33	36 - 44 - 62	938	28 - 34 - 48	1406	32 - 39 - 55	28 - 34 - 48
	700	0.207	0.176	4375	37	39 - 48 - 67	1094	30 - 37 - 52	1641	34 - 42 - 59	30 - 37 - 52
	800	0.270	0.230	5000	40	42 - 51 - 72	1250	32 - 39 - 55	1875	37 - 45 - 64	32 - 39 - 55
	900	0.342	0.292	5625	44	44 - 54 - 76	1406	34 - 41 - 59	2109	39 - 48 - 67	34 - 41 - 59
	1000	0.422	0.360	6250	46	46 - 57 - 80	1563	36 - 44 - 62	2344	41 - 50 - 71	36 - 44 - 62
36" x 36"	200	0.017	0.014	1800	-	15 - 23 - 43	450	8 - 18 - 33	675	14 - 22 - 38	8 - 18 - 33
	400	0.068	0.058	3600	23	30 - 43 - 61	900	27 - 33 - 47	1350	29 - 38 - 54	27 - 33 - 47
	500	0.106	0.090	4500	29	38 - 48 - 68	1125	30 - 37 - 52	1688	35 - 43 - 60	30 - 37 - 52
	600	0.152	0.130	5400	34	43 - 53 - 75	1350	33 - 41 - 57	2025	38 - 47 - 66	33 - 41 - 57
	700	0.207	0.176	6300	38	47 - 57 - 81	1575	36 - 44 - 62	2363	41 - 50 - 71	36 - 44 - 62
	800	0.270	0.230	7200	42	50 - 61 - 86	1800	38 - 47 - 66	2700	44 - 54 - 76	38 - 47 - 66
	900	0.342	0.292	8100	45	53 - 65 - 92	2025	41 - 50 - 70	3038	47 - 57 - 81	41 - 50 - 70
48" x 48"	200	0.017	0.014	3200	-	20 - 30 - 58	800	11 - 24 - 44	1200	19 - 29 - 51	11 - 24 - 44
	400	0.068	0.058	6400	25	41 - 58 - 81	1600	36 - 44 - 63	2400	39 - 51 - 72	36 - 44 - 63
	500	0.106	0.090	8000	31	51 - 64 - 91	2000	40 - 49 - 70	3000	46 - 57 - 80	40 - 49 - 70
	550	0.128	0.109	8800	34	55 - 67 - 95	2200	42 - 52 - 73	3300	49 - 60 - 84	42 - 52 - 73
	600	0.152	0.130	9600	36	58 - 70 - 100	2400	44 - 54 - 77	3600	51 - 62 - 88	44 - 54 - 77
	700	0.207	0.176	11200	40	62 - 76 - 108	2800	48 - 58 - 83	4200	55 - 67 - 95	48 - 58 - 83
	800	0.270	0.230	12800	44	66 - 81 - 115	3200	51 - 63 - 88	4800	59 - 72 - 102	51 - 63 - 88

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for D2-Throw is for [(Total CFM)/2] CFM per side. The throw values given for 4-Throw is for [(Total CFM)/4] CFM per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH, SHFR, MSH Performance Data: Horizontal Throw

METRIC DATA: SH, 5SH, SHFR, MSH (NO DAMPER)

						Discharge Air Pattern						
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	1-Way Throw	2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
								Flow	Throw	Flow	Throw	
mm	m/s	Pa	Pa	L/s		m	m	L/s	m	L/s	m	m
152 x 152	1.02	3.8	3.2	24	-	1.6 - 2.3 - 3.5	0.8 - 1.2 - 2.3	6	0.4 - 0.9 - 2.0	9	0.7 - 1.1 - 2.2	0.4 - 0.9 - 2.0
	2.03	15.3	12.8	47	-	2.8 - 3.5 - 4.9	1.5 - 2.3 - 3.7	12	1.3 - 2.0 - 2.8	18	1.1 - 1.8 - 3.0	1.3 - 2.0 - 2.8
	3.05	34.4	28.8	71	19	3.5 - 4.2 - 6.0	2.3 - 3.2 - 4.5	18	2.0 - 2.4 - 3.5	27	1.8 - 2.6 - 3.7	2.0 - 2.4 - 3.5
	4.06	61.2	51.2	94	27	4.0 - 4.9 - 6.9	3.0 - 3.7 - 5.2	24	2.3 - 2.8 - 4.0	35	2.4 - 3.0 - 4.3	2.3 - 2.8 - 4.0
	5.08	95.6	80.1	118	33	4.5 - 5.5 - 7.7	3.4 - 4.1 - 5.8	29	2.6 - 3.2 - 4.5	44	2.8 - 3.4 - 4.8	2.6 - 3.2 - 4.5
	6.10	137.7	115.3	142	37	4.9 - 6.0 - 8.5	3.7 - 4.5 - 6.4	35	2.8 - 3.5 - 4.9	53	3.0 - 3.7 - 5.2	2.8 - 3.5 - 4.9
	6.60	161.6	135.3	153	40	5.1 - 6.2 - 8.8	3.8 - 4.7 - 6.6	38	2.9 - 3.6 - 5.1	58	3.1 - 3.8 - 5.4	2.9 - 3.6 - 5.1
229 x 229	1.02	3.8	3.2	53	-	2.3 - 3.5 - 5.2	1.2 - 1.7 - 3.5	13	0.6 - 1.4 - 3.0	20	1.1 - 1.7 - 3.4	0.6 - 1.4 - 3.0
	2.03	15.3	12.8	106	11	4.2 - 5.2 - 7.4	2.3 - 3.5 - 5.5	27	2.0 - 3.0 - 4.2	40	2.2 - 3.4 - 4.9	2.0 - 3.0 - 4.2
	3.05	34.4	28.8	159	22	5.2 - 6.4 - 9.0	3.5 - 4.8 - 6.7	40	3.0 - 3.7 - 5.2	60	3.4 - 4.2 - 6.0	3.0 - 3.7 - 5.2
	4.06	61.2	51.2	212	30	6.0 - 7.4 - 10.4	4.5 - 5.5 - 7.8	53	3.5 - 4.2 - 6.0	80	4.0 - 4.9 - 6.9	3.5 - 4.2 - 6.0
	5.08	95.6	80.1	265	35	6.7 - 8.2 - 11.6	5.0 - 6.2 - 8.7	66	3.9 - 4.7 - 6.7	100	4.4 - 5.4 - 7.7	3.9 - 4.7 - 6.7
	5.59	115.7	96.9	292	38	7.0 - 8.6 - 12.2	5.3 - 6.5 - 9.1	73	4.1 - 5.0 - 7.0	110	4.7 - 5.7 - 8.1	4.1 - 5.0 - 7.0
	6.10	137.7	115.3	319	40	7.4 - 9.0 - 12.7	5.5 - 6.7 - 9.5	80	4.2 - 5.2 - 7.3	119	4.9 - 6.0 - 8.4	4.2 - 5.2 - 7.3
305 x 305	1.02	3.8	3.2	94	-	3.1 - 4.7 - 6.9	1.5 - 2.3 - 4.6	24	0.8 - 1.8 - 4.0	35	1.5 - 2.2 - 4.5	0.8 - 1.8 - 4.0
	2.03	15.3	12.8	189	13	5.7 - 6.9 - 9.8	3.1 - 4.6 - 7.3	47	2.7 - 4.0 - 5.6	71	3.0 - 4.5 - 6.5	2.7 - 4.0 - 5.6
	3.05	34.4	28.8	283	24	6.9 - 8.5 - 12.0	4.6 - 6.4 - 9.0	71	4.0 - 4.9 - 6.9	106	4.5 - 5.6 - 8.0	4.0 - 4.9 - 6.9
	4.06	61.2	51.2	378	31	8.0 - 9.8 - 13.9	6.0 - 7.3 - 10.4	94	4.6 - 5.6 - 8.0	142	5.3 - 6.5 - 9.2	4.6 - 5.6 - 8.0
	5.08	95.6	80.1	472	37	8.9 - 11.0 - 15.5	6.7 - 8.2 - 11.6	118	5.1 - 6.3 - 8.9	177	5.9 - 7.3 - 10.3	5.1 - 6.3 - 8.9
	5.59	115.7	96.9	519	40	9.4 - 11.5 - 16.3	7.0 - 8.6 - 12.2	130	5.4 - 6.6 - 9.4	195	6.2 - 7.6 - 10.8	5.4 - 6.6 - 9.4
	6.10	137.7	115.3	566	42	9.8 - 12.0 - 17.0	7.3 - 9.0 - 12.7	142	5.6 - 6.9 - 9.8	212	6.5 - 8.0 - 11.2	5.6 - 6.9 - 9.8
381 x 381	1.02	3.8	3.2	147	-	3.9 - 5.8 - 8.7	1.9 - 2.9 - 5.8	37	1.0 - 2.3 - 5.0	55	1.8 - 2.8 - 5.6	1.0 - 2.3 - 5.0
	2.03	15.3	12.8	295	15	7.1 - 8.7 - 12.3	3.9 - 5.8 - 9.2	74	3.4 - 5.0 - 7.1	111	3.7 - 5.6 - 8.1	3.4 - 5.0 - 7.1
	3.05	34.4	28.8	442	25	8.7 - 10.6 - 15.0	5.8 - 7.9 - 11.2	111	5.0 - 6.1 - 8.6	166	5.6 - 7.0 - 9.9	5.0 - 6.1 - 8.6
	4.06	61.2	51.2	590	33	10.0 - 12.3 - 17.3	7.5 - 9.2 - 13.0	147	5.8 - 7.1 - 10.0	221	6.6 - 8.1 - 11.5	5.8 - 7.1 - 10.0
	5.08	95.6	80.1	737	39	11.2 - 13.7 - 19.4	8.4 - 10.3 - 14.5	184	6.4 - 7.9 - 11.1	277	7.4 - 9.1 - 12.8	6.4 - 7.9 - 11.1
	5.59	115.7	96.9	811	41	11.7 - 14.4 - 20.3	8.8 - 10.8 - 15.2	203	6.8 - 8.3 - 11.7	304	7.8 - 9.5 - 13.5	6.8 - 8.3 - 11.7
	6.10	137.7	115.3	885	43	12.3 - 15.0 - 21.2	9.2 - 11.2 - 15.9	221	7.1 - 8.6 - 12.2	332	8.1 - 9.9 - 14.1	7.1 - 8.6 - 12.2
457 x 457	1.02	3.8	3.2	212	-	4.7 - 7.0 - 10.4	2.3 - 3.5 - 6.9	53	1.2 - 2.7 - 6.0	80	2.2 - 3.4 - 6.7	1.2 - 2.7 - 6.0
	2.03	15.3	12.8	425	16	8.5 - 10.4 - 14.7	4.6 - 6.9 - 11.0	106	4.0 - 6.0 - 8.5	159	4.5 - 6.7 - 9.7	4.0 - 6.0 - 8.5
	3.05	34.4	28.8	637	27	10.4 - 12.7 - 18.0	6.9 - 9.5 - 13.5	159	6.0 - 7.3 - 10.4	239	6.7 - 8.4 - 11.9	6.0 - 7.3 - 10.4
	4.06	61.2	51.2	850	34	12.0 - 14.7 - 20.8	9.0 - 11.0 - 15.6	212	6.9 - 8.5 - 12.0	319	8.0 - 9.7 - 13.8	6.9 - 8.5 - 12.0
	4.57	77.4	64.9	956	37	12.7 - 15.6 - 22.1	9.5 - 11.7 - 16.5	239	7.3 - 9.0 - 12.7	358	8.4 - 10.3 - 14.6	7.3 - 9.0 - 12.7
	5.08	95.6	80.1	1062	40	13.4 - 16.4 - 23.2	10.1 - 12.3 - 17.4	265	7.7 - 9.5 - 13.4	398	8.9 - 10.9 - 15.4	7.7 - 9.5 - 13.4
	5.59	115.7	96.9	1168	42	14.1 - 17.2 - 24.4	10.5 - 12.9 - 18.3	292	8.1 - 9.9 - 14.0	438	9.3 - 11.4 - 16.1	8.1 - 9.9 - 14.0

NOTES: Throw values are given for isothermal conditions and terminal velocities of 0.75, 0.50, and 0.25 m/s. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for 1-Throw is for [Total L/s] L/s per side. The throw values given for 2-Throw is for [(Total L/s)/2] L/s per side. The throw values given for 4-Throw is for [(Total L/s)/4] L/s per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH Performance Data: Horizontal Throw

METRIC DATA: SH, 5SH (NO DAMPER)

						Discharge Air Pattern						
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	1-Way Throw	2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
								Flow	Throw	Flow	Throw	
mm	m/s	Pa	Pa	L/s		m	m	L/s	m	L/s	m	m
533 x 533	1.02	3.8	3.2	289	-	5.4 - 8.1 - 12.1	2.7 - 4.0 - 8.1	72	1.4 - 3.2 - 7.0	108	2.5 - 3.9 - 7.8	1.4 - 3.2 - 7.0
	2.03	15.3	12.8	578	17	9.9 - 12.1 - 17.2	5.4 - 8.1 - 12.9	145	4.7 - 7.0 - 9.9	217	5.2 - 7.8 - 11.4	4.7 - 7.0 - 9.9
	3.05	34.4	28.8	867	28	12.1 - 14.9 - 21.0	8.1 - 11.1 - 15.7	217	7.0 - 8.5 - 12.1	325	7.8 - 9.8 - 13.9	7.0 - 8.5 - 12.1
	4.06	61.2	51.2	1156	35	14.0 - 17.2 - 24.3	10.5 - 12.9 - 18.2	289	8.1 - 9.9 - 14.0	434	9.3 - 11.4 - 16.1	8.1 - 9.9 - 14.0
	4.57	77.4	64.9	1301	38	14.9 - 18.2 - 25.7	11.1 - 13.6 - 19.3	325	8.5 - 10.5 - 14.8	488	9.8 - 12.0 - 17.0	8.5 - 10.5 - 14.8
	5.08	95.6	80.1	1445	41	15.7 - 19.2 - 27.1	11.7 - 14.4 - 20.3	361	9.0 - 11.0 - 15.6	542	10.4 - 12.7 - 18.0	9.0 - 11.0 - 15.6
	5.59	115.7	96.9	1590	43	16.4 - 20.1 - 28.4	12.3 - 15.1 - 21.3	397	9.5 - 11.6 - 16.4	596	10.9 - 13.3 - 18.8	9.5 - 11.6 - 16.4
610 x 610	1.02	3.8	3.2	378	-	6.2 - 9.3 - 13.9	3.1 - 4.6 - 9.2	94	1.6 - 3.6 - 8.0	142	2.9 - 4.5 - 8.9	1.6 - 3.6 - 8.0
	2.03	15.3	12.8	755	18	11.3 - 13.9 - 19.6	6.2 - 9.2 - 14.7	189	5.4 - 8.0 - 11.3	283	6.0 - 8.9 - 13.0	5.4 - 8.0 - 11.3
	3.05	34.4	28.8	1133	28	13.9 - 17.0 - 24.0	9.2 - 12.7 - 18.0	283	8.0 - 9.8 - 13.8	425	8.9 - 11.2 - 15.9	8.0 - 9.8 - 13.8
	3.56	46.8	39.2	1321	32	15.0 - 18.3 - 25.9	10.8 - 13.7 - 19.4	330	8.6 - 10.6 - 14.9	496	9.9 - 12.1 - 17.2	8.6 - 10.6 - 14.9
	4.06	61.2	51.2	1510	36	16.0 - 19.6 - 27.7	12.0 - 14.7 - 20.8	378	9.2 - 11.3 - 16.0	566	10.6 - 13.0 - 18.4	9.2 - 11.3 - 16.0
	4.57	77.4	64.9	1699	39	17.0 - 20.8 - 29.4	12.7 - 15.6 - 22.0	425	9.8 - 12.0 - 16.9	637	11.2 - 13.8 - 19.5	9.8 - 12.0 - 16.9
	5.08	95.6	80.1	1888	42	17.9 - 21.9 - 31.0	13.4 - 16.4 - 23.2	472	10.3 - 12.6 - 17.8	708	11.9 - 14.5 - 20.5	10.3 - 12.6 - 17.8
762 x 762	1.02	3.8	3.2	590	-	7.8 - 11.6 - 17.3	3.9 - 5.8 - 11.6	147	2.0 - 4.5 - 10.0	221	3.6 - 5.6 - 11.2	2.0 - 4.5 - 10.0
	2.03	15.3	12.8	1180	19	14.1 - 17.3 - 24.5	7.7 - 11.6 - 18.4	295	6.7 - 10.0 - 14.1	442	7.5 - 11.2 - 16.2	6.7 - 10.0 - 14.1
	3.05	34.4	28.8	1770	30	17.3 - 21.2 - 30.0	11.6 - 15.9 - 22.5	442	10.0 - 12.2 - 17.3	664	11.2 - 14.1 - 19.9	10.0 - 12.2 - 17.3
	3.56	46.8	39.2	2065	34	18.7 - 22.9 - 32.4	13.5 - 17.2 - 24.3	516	10.8 - 13.2 - 18.7	774	12.4 - 15.2 - 21.5	10.8 - 13.2 - 18.7
	4.06	61.2	51.2	2360	37	20.0 - 24.5 - 34.7	15.0 - 18.4 - 26.0	590	11.5 - 14.1 - 19.9	885	13.3 - 16.2 - 23.0	11.5 - 14.1 - 19.9
	4.57	77.4	64.9	2655	41	21.2 - 26.0 - 36.8	15.9 - 19.5 - 27.5	664	12.2 - 15.0 - 21.2	996	14.1 - 17.2 - 24.3	12.2 - 15.0 - 21.2
	5.08	95.6	80.1	2950	43	22.4 - 27.4 - 38.7	16.8 - 20.5 - 29.0	737	12.9 - 15.8 - 22.3	1106	14.8 - 18.1 - 25.7	12.9 - 15.8 - 22.3
914 x 914	1.02	3.8	3.2	850	-	9.3 - 14.0 - 20.8	4.6 - 6.9 - 13.9	212	2.4 - 5.4 - 12.0	319	4.4 - 6.7 - 13.4	2.4 - 5.4 - 12.0
	2.03	15.3	12.8	1699	20	17.0 - 20.8 - 29.4	9.2 - 13.9 - 22.0	425	8.1 - 12.0 - 16.9	637	8.9 - 13.4 - 19.5	8.1 - 12.0 - 16.9
	2.54	23.9	20.0	2124	26	19.0 - 23.2 - 32.9	11.6 - 17.3 - 24.6	531	10.1 - 13.4 - 18.9	796	11.2 - 15.4 - 21.8	10.1 - 13.4 - 18.9
	3.05	34.4	28.8	2549	31	20.8 - 25.5 - 36.0	13.9 - 19.1 - 27.0	637	12.0 - 14.7 - 20.7	956	13.4 - 16.9 - 23.9	12.0 - 14.7 - 20.7
	3.56	46.8	39.2	2973	35	22.5 - 27.5 - 38.9	16.2 - 20.6 - 29.1	743	12.9 - 15.8 - 22.4	1115	14.9 - 18.2 - 25.8	12.9 - 15.8 - 22.4
	4.06	61.2	51.2	3398	39	24.0 - 29.4 - 41.6	18.0 - 22.0 - 31.2	850	13.8 - 16.9 - 23.9	1274	15.9 - 19.5 - 27.5	13.8 - 16.9 - 23.9
	4.57	77.4	64.9	3823	42	25.5 - 31.2 - 44.1	19.1 - 23.4 - 33.0	956	14.7 - 17.9 - 25.4	1434	16.9 - 20.7 - 29.2	14.7 - 17.9 - 25.4
1219 x 1219	1.02	3.8	3.2	1510	-	12.4 - 18.6 - 27.7	6.2 - 9.2 - 18.5	378	3.2 - 7.2 - 16.0	566	5.8 - 8.9 - 17.9	3.2 - 7.2 - 16.0
	2.03	15.3	12.8	3020	22	22.6 - 27.7 - 39.2	12.3 - 18.5 - 29.4	755	10.8 - 16.0 - 22.6	1133	11.9 - 17.9 - 26.0	10.8 - 16.0 - 22.6
	2.54	23.9	20.0	3776	28	25.3 - 31.0 - 43.8	15.4 - 23.1 - 32.8	944	13.5 - 17.8 - 25.2	1416	14.9 - 20.5 - 29.0	13.5 - 17.8 - 25.2
	2.79	28.9	24.2	4153	31	26.5 - 32.5 - 46.0	16.9 - 24.4 - 34.4	1038	14.8 - 18.7 - 26.5	1557	16.4 - 21.5 - 30.4	14.8 - 18.7 - 26.5
	3.05	34.4	28.8	4531	33	27.7 - 34.0 - 48.0	18.5 - 25.4 - 36.0	1133	16.0 - 19.5 - 27.6	1699	17.9 - 22.5 - 31.8	16.0 - 19.5 - 27.6
	3.56	46.8	39.2	5286	37	29.9 - 36.7 - 51.9	21.6 - 27.5 - 38.9	1321	17.2 - 21.1 - 29.8	1982	19.8 - 24.3 - 34.4	17.2 - 21.1 - 29.8
	4.06	61.2	51.2	6041	41	32.0 - 39.2 - 55.4	24.0 - 29.4 - 41.5	1510	18.4 - 22.6 - 31.9	2265	21.2 - 26.0 - 36.7	18.4 - 22.6 - 31.9

NOTES: Throw values are given for isothermal conditions and terminal velocities of 0.75, 0.50, and 0.25 m/s. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for 1-Throw is for [Total L/s] L/s per side. The throw values given for 2-Throw is for [(Total L/s)/2] L/s per side. The throw values given for 4-Throw is for [(Total L/s)/4] L/s per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH, MSH Performance Data: Horizontal Throw

METRIC DATA: SH, 5SH, MSH, ULTRA THROW (NO DAMPER)

						Discharge Air Pattern					
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	D2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
							Flow	Throw	Flow	Throw	
mm	m/s	Pa	Pa	L/s		m	L/s	m	L/s	m	m
152 x 152	1.02	4.2	3.6	24	-	0.8 - 1.2 - 2.2	6	0.4 - 0.9 - 1.7	9	0.7 - 1.1 - 1.9	0.4 - 0.9 - 1.7
	2.03	16.8	14.3	47	12	1.5 - 2.2 - 3.1	12	1.3 - 1.7 - 2.4	18	1.1 - 1.8 - 2.5	1.3 - 1.7 - 2.4
	3.05	37.9	32.3	71	22	2.2 - 2.7 - 3.8	18	1.7 - 2.1 - 2.9	27	1.8 - 2.2 - 3.1	1.7 - 2.1 - 2.9
	4.06	67.3	57.4	94	30	2.5 - 3.1 - 4.4	24	1.9 - 2.4 - 3.4	35	2.1 - 2.5 - 3.6	1.9 - 2.4 - 3.4
	5.08	105.2	89.6	118	36	2.8 - 3.5 - 4.9	29	2.2 - 2.7 - 3.8	44	2.3 - 2.8 - 4.0	2.2 - 2.7 - 3.8
	6.10	151.4	129.1	142	40	3.1 - 3.8 - 5.4	35	2.4 - 2.9 - 4.1	53	2.5 - 3.1 - 4.4	2.4 - 2.9 - 4.1
	6.60	177.7	151.5	153	43	3.2 - 3.9 - 5.6	38	2.5 - 3.0 - 4.3	58	2.6 - 3.2 - 4.6	2.5 - 3.0 - 4.3
229 x 229	1.02	4.2	3.6	53	-	1.2 - 1.7 - 3.3	13	0.6 - 1.4 - 2.5	20	1.1 - 1.7 - 2.9	0.6 - 1.4 - 2.5
	2.03	16.8	14.3	106	14	2.3 - 3.3 - 4.6	27	2.0 - 2.5 - 3.6	40	2.2 - 2.9 - 4.1	2.0 - 2.5 - 3.6
	3.05	37.9	32.3	159	25	3.3 - 4.0 - 5.7	40	2.5 - 3.1 - 4.4	60	2.9 - 3.6 - 5.0	2.5 - 3.1 - 4.4
	4.06	67.3	57.4	212	33	3.8 - 4.6 - 6.6	53	2.9 - 3.6 - 5.0	80	3.3 - 4.1 - 5.8	2.9 - 3.6 - 5.0
	5.08	105.2	89.6	265	38	4.2 - 5.2 - 7.3	66	3.3 - 4.0 - 5.6	100	3.7 - 4.6 - 6.5	3.3 - 4.0 - 5.6
	5.59	127.2	108.5	292	41	4.4 - 5.4 - 7.7	73	3.4 - 4.2 - 5.9	110	3.9 - 4.8 - 6.8	3.4 - 4.2 - 5.9
	6.10	151.4	129.1	319	43	4.6 - 5.7 - 8.0	80	3.6 - 4.4 - 6.2	119	4.1 - 5.0 - 7.1	3.6 - 4.4 - 6.2
305 x 305	1.02	4.2	3.6	94	-	1.5 - 2.3 - 4.4	24	0.8 - 1.8 - 3.4	35	1.5 - 2.2 - 3.9	0.8 - 1.8 - 3.4
	2.03	16.8	14.3	189	16	3.1 - 4.4 - 6.2	47	2.7 - 3.4 - 4.8	71	3.0 - 3.9 - 5.5	2.7 - 3.4 - 4.8
	3.05	37.9	32.3	283	27	4.4 - 5.4 - 7.6	71	3.4 - 4.1 - 5.8	106	3.9 - 4.7 - 6.7	3.4 - 4.1 - 5.8
	4.06	67.3	57.4	378	34	5.1 - 6.2 - 8.7	94	3.9 - 4.8 - 6.7	142	4.5 - 5.5 - 7.7	3.9 - 4.8 - 6.7
	5.08	105.2	89.6	472	40	5.6 - 6.9 - 9.8	118	4.3 - 5.3 - 7.5	177	5.0 - 6.1 - 8.6	4.3 - 5.3 - 7.5
	5.59	127.2	108.5	519	43	5.9 - 7.3 - 10.3	130	4.5 - 5.6 - 7.9	195	5.2 - 6.4 - 9.1	4.5 - 5.6 - 7.9
	6.10	151.4	129.1	566	45	6.2 - 7.6 - 10.7	142	4.8 - 5.8 - 8.2	212	5.5 - 6.7 - 9.5	4.8 - 5.8 - 8.2
381 x 381	1.02	4.2	3.6	147	-	1.9 - 2.9 - 5.5	37	1.0 - 2.3 - 4.2	55	1.8 - 2.8 - 4.8	1.0 - 2.3 - 4.2
	2.03	16.8	14.3	295	18	3.9 - 5.5 - 7.7	74	3.4 - 4.2 - 5.9	111	3.7 - 4.8 - 6.8	3.4 - 4.2 - 5.9
	3.05	37.9	32.3	442	28	5.5 - 6.7 - 9.5	111	4.2 - 5.1 - 7.3	166	4.8 - 5.9 - 8.4	4.2 - 5.1 - 7.3
	4.06	67.3	57.4	590	36	6.3 - 7.7 - 10.9	147	4.8 - 5.9 - 8.4	221	5.6 - 6.8 - 9.7	4.8 - 5.9 - 8.4
	5.08	105.2	89.6	737	42	7.1 - 8.6 - 12.2	184	5.4 - 6.6 - 9.4	277	6.2 - 7.6 - 10.8	5.4 - 6.6 - 9.4
	5.59	127.2	108.5	811	44	7.4 - 9.1 - 12.8	203	5.7 - 7.0 - 9.8	304	6.5 - 8.0 - 11.3	5.7 - 7.0 - 9.8
	6.10	151.4	129.1	885	46	7.7 - 9.5 - 13.4	221	5.9 - 7.3 - 10.3	332	6.8 - 8.4 - 11.8	5.9 - 7.3 - 10.3
457 x 457	1.02	4.2	3.6	212	-	2.3 - 3.5 - 6.6	53	1.2 - 2.7 - 5.0	80	2.2 - 3.4 - 5.8	1.2 - 2.7 - 5.0
	2.03	16.8	14.3	425	19	4.6 - 6.6 - 9.3	106	4.0 - 5.0 - 7.1	159	4.5 - 5.8 - 8.2	4.0 - 5.0 - 7.1
	3.05	37.9	32.3	637	30	6.6 - 8.0 - 11.4	159	5.0 - 6.2 - 8.7	239	5.8 - 7.1 - 10.0	5.0 - 6.2 - 8.7
	4.06	67.3	57.4	850	37	7.6 - 9.3 - 13.1	212	5.8 - 7.1 - 10.1	319	6.7 - 8.2 - 11.6	5.8 - 7.1 - 10.1
	4.57	85.2	72.6	956	40	8.0 - 9.8 - 13.9	239	6.2 - 7.6 - 10.7	358	7.1 - 8.7 - 12.3	6.2 - 7.6 - 10.7
	5.08	105.2	89.6	1062	43	8.5 - 10.4 - 14.7	265	6.5 - 8.0 - 11.3	398	7.5 - 9.2 - 13.0	6.5 - 8.0 - 11.3
	5.59	127.2	108.5	1168	45	8.9 - 10.9 - 15.4	292	6.8 - 8.4 - 11.8	438	7.9 - 9.6 - 13.6	6.8 - 8.4 - 11.8

NOTES: Throw values are given for isothermal conditions and terminal velocities of 0.75, 0.50, and 0.25 m/s. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for D2-Throw is for [(Total L/s)/2] L/s per side. The throw values given for 4-Throw is for [(Total L/s)/4] L/s per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.

SH, 5SH Performance Data: Horizontal Throw

METRIC DATA: SH, 5SH, ULTRA THROW (NO DAMPER)

						Discharge Air Pattern					
Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	D2-Way Throw	3 - Side A		3 - Side B		4-Way Throw
							Flow	Throw	Flow	Throw	
mm	m/s	Pa	Pa	L/s		m	L/s	m	L/s	m	m
533 x 533	1.02	4.2	3.6	289	-	2.7 - 4.0 - 7.7	72	1.4 - 3.2 - 5.9	108	2.5 - 3.9 - 6.8	1.4 - 3.2 - 5.9
	2.03	16.8	14.3	578	20	5.4 - 7.7 - 10.8	145	4.7 - 5.9 - 8.3	217	5.2 - 6.8 - 9.6	4.7 - 5.9 - 8.3
	3.05	37.9	32.3	867	31	7.7 - 9.4 - 13.3	217	5.9 - 7.2 - 10.2	325	6.8 - 8.3 - 11.7	5.9 - 7.2 - 10.2
	4.06	67.3	57.4	1156	38	8.8 - 10.8 - 15.3	289	6.8 - 8.3 - 11.8	434	7.8 - 9.6 - 13.5	6.8 - 8.3 - 11.8
	4.57	85.2	72.6	1301	41	9.4 - 11.5 - 16.2	325	7.2 - 8.8 - 12.5	488	8.3 - 10.1 - 14.4	7.2 - 8.8 - 12.5
	5.08	105.2	89.6	1445	44	9.9 - 12.1 - 17.1	361	7.6 - 9.3 - 13.1	542	8.7 - 10.7 - 15.1	7.6 - 9.3 - 13.1
	5.59	127.2	108.5	1590	46	10.4 - 12.7 - 17.9	397	8.0 - 9.7 - 13.8	596	9.2 - 11.2 - 15.9	8.0 - 9.7 - 13.8
610 x 610	1.02	4.2	3.6	378	-	3.1 - 4.6 - 8.7	94	1.6 - 3.6 - 6.7	142	2.9 - 4.5 - 7.7	1.6 - 3.6 - 6.7
	2.03	16.8	14.3	755	21	6.2 - 8.7 - 12.4	189	5.4 - 6.7 - 9.5	283	6.0 - 7.7 - 10.9	5.4 - 6.7 - 9.5
	3.05	37.9	32.3	1133	31	8.7 - 10.7 - 15.2	283	6.7 - 8.2 - 11.6	425	7.7 - 9.5 - 13.4	6.7 - 8.2 - 11.6
	3.56	51.5	43.9	1321	35	9.4 - 11.6 - 16.4	330	7.3 - 8.9 - 12.6	496	8.4 - 10.2 - 14.5	7.3 - 8.9 - 12.6
	4.06	67.3	57.4	1510	39	10.1 - 12.4 - 17.5	378	7.8 - 9.5 - 13.4	566	8.9 - 10.9 - 15.5	7.8 - 9.5 - 13.4
	4.57	85.2	72.6	1699	42	10.7 - 13.1 - 18.6	425	8.2 - 10.1 - 14.3	637	9.5 - 11.6 - 16.4	8.2 - 10.1 - 14.3
	5.08	105.2	89.6	1888	45	11.3 - 13.8 - 19.6	472	8.7 - 10.6 - 15.0	708	10.0 - 12.2 - 17.3	8.7 - 10.6 - 15.0
762 x 762	1.02	4.2	3.6	590	-	3.9 - 5.8 - 10.9	147	2.0 - 4.5 - 8.4	221	3.6 - 5.6 - 9.7	2.0 - 4.5 - 8.4
	2.03	16.8	14.3	1180	22	7.7 - 10.9 - 15.5	295	6.7 - 8.4 - 11.9	442	7.5 - 9.7 - 13.7	6.7 - 8.4 - 11.9
	3.05	37.9	32.3	1770	33	10.9 - 13.4 - 18.9	442	8.4 - 10.3 - 14.5	664	9.7 - 11.8 - 16.7	8.4 - 10.3 - 14.5
	3.56	51.5	43.9	2065	37	11.8 - 14.5 - 20.5	516	9.1 - 11.1 - 15.7	774	10.4 - 12.8 - 18.1	9.1 - 11.1 - 15.7
	4.06	67.3	57.4	2360	40	12.6 - 15.5 - 21.9	590	9.7 - 11.9 - 16.8	885	11.2 - 13.7 - 19.3	9.7 - 11.9 - 16.8
	4.57	85.2	72.6	2655	44	13.4 - 16.4 - 23.2	664	10.3 - 12.6 - 17.8	996	11.8 - 14.5 - 20.5	10.3 - 12.6 - 17.8
	5.08	105.2	89.6	2950	46	14.1 - 17.3 - 24.4	737	10.8 - 13.3 - 18.8	1106	12.5 - 15.3 - 21.6	10.8 - 13.3 - 18.8
914 x 914	1.02	4.2	3.6	850	-	4.6 - 6.9 - 13.1	212	2.4 - 5.4 - 10.1	319	4.4 - 6.7 - 11.6	2.4 - 5.4 - 10.1
	2.03	16.8	14.3	1699	23	9.2 - 13.1 - 18.6	425	8.1 - 10.1 - 14.3	637	8.9 - 11.6 - 16.4	8.1 - 10.1 - 14.3
	2.54	26.3	22.4	2124	29	11.6 - 14.7 - 20.7	531	9.2 - 11.3 - 15.9	796	10.6 - 13.0 - 18.3	9.2 - 11.3 - 15.9
	3.05	37.9	32.3	2549	34	13.1 - 16.1 - 22.7	637	10.1 - 12.3 - 17.5	956	11.6 - 14.2 - 20.1	10.1 - 12.3 - 17.5
	3.56	51.5	43.9	2973	38	14.2 - 17.4 - 24.5	743	10.9 - 13.3 - 18.9	1115	12.5 - 15.3 - 21.7	10.9 - 13.3 - 18.9
	4.06	67.3	57.4	3398	42	15.2 - 18.6 - 26.2	850	11.6 - 14.3 - 20.2	1274	13.4 - 16.4 - 23.2	11.6 - 14.3 - 20.2
	4.57	85.2	72.6	3823	45	16.1 - 19.7 - 27.8	956	12.3 - 15.1 - 21.4	1434	14.2 - 17.4 - 24.6	12.3 - 15.1 - 21.4
1219 x 1219	1.02	4.2	3.6	1510	-	6.2 - 9.2 - 17.5	378	3.2 - 7.2 - 13.4	566	5.8 - 8.9 - 15.5	3.2 - 7.2 - 13.4
	2.03	16.8	14.3	3020	25	12.3 - 17.5 - 24.7	755	10.8 - 13.4 - 19.0	1133	11.9 - 15.5 - 21.9	10.8 - 13.4 - 19.0
	2.54	26.3	22.4	3776	31	15.4 - 19.6 - 27.7	944	12.3 - 15.0 - 21.2	1416	14.1 - 17.3 - 24.5	12.3 - 15.0 - 21.2
	2.79	31.8	27.1	4153	34	16.7 - 20.5 - 29.0	1038	12.9 - 15.8 - 22.3	1557	14.8 - 18.1 - 25.6	12.9 - 15.8 - 22.3
	3.05	37.9	32.3	4531	36	17.5 - 21.4 - 30.3	1133	13.4 - 16.5 - 23.3	1699	15.5 - 18.9 - 26.8	13.4 - 16.5 - 23.3
	3.56	51.5	43.9	5286	40	18.9 - 23.1 - 32.7	1321	14.5 - 17.8 - 25.1	1982	16.7 - 20.5 - 28.9	14.5 - 17.8 - 25.1
	4.06	67.3	57.4	6041	44	20.2 - 24.7 - 35.0	1510	15.5 - 19.0 - 26.9	2265	17.9 - 21.9 - 30.9	15.5 - 19.0 - 26.9

NOTES: Throw values are given for isothermal conditions and terminal velocities of 0.75, 0.50, and 0.25 m/s. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10^{-12} Watts. Dash in space denotes a NC value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. The throw values given for D2-Throw is for [(Total L/s)/2] L/s per side. The throw values given for 4-Throw is for [(Total L/s)/4] L/s per side. Reference page B1-36 for 'Side A' and 'Side B' detail. See Krueger's selection software for performance data not shown, including octave band data and different core styles.