

SHRV, 5SHRV Performance Data: Horizontal Throw

IP DATA: SHRV, 5SHRV (NO DAMPER)

Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	Discharge Air Pattern					
						1-Way Throw	2-Way Throw	3 - Side A		3 - Side B	
								Flow	Throw	Flow	Throw
in.	FPM	"WG	"WG	CFM		ft	ft	CFM	ft	CFM	ft
6" x 6" Round	400	0.031	0.021	78	-	5 - 7 - 14	3 - 5 - 9	20	1 - 2 - 4	29	1 - 2 - 4
	600	0.069	0.047	118	20	7 - 11 - 20	5 - 7 - 12	29	2 - 3 - 6	44	2 - 3 - 6
	800	0.123	0.083	157	28	9 - 14 - 23	6 - 9 - 14	39	3 - 4 - 9	59	3 - 4 - 9
	1000	0.193	0.130	196	34	12 - 18 - 26	8 - 11 - 16	49	4 - 5 - 11	74	4 - 5 - 11
	1200	0.277	0.188	235	39	14 - 20 - 28	9 - 12 - 17	59	4 - 6 - 13	88	4 - 6 - 13
	1400	0.378	0.255	275	43	17 - 22 - 30	11 - 13 - 19	69	5 - 7 - 15	103	5 - 7 - 15
9" x 9" Round	400	0.031	0.021	78	-	5 - 7 - 14	3 - 5 - 9	20	1 - 2 - 4	29	1 - 2 - 4
	600	0.069	0.047	118	20	7 - 11 - 20	5 - 7 - 12	29	2 - 3 - 6	44	2 - 3 - 6
	800	0.123	0.083	157	28	9 - 14 - 23	6 - 9 - 14	39	3 - 4 - 9	59	3 - 4 - 9
	1000	0.193	0.130	196	34	12 - 18 - 26	8 - 11 - 16	49	4 - 5 - 11	74	4 - 5 - 11
	1200	0.277	0.188	235	39	14 - 20 - 28	9 - 12 - 17	59	4 - 6 - 13	88	4 - 6 - 13
	1400	0.378	0.255	275	43	17 - 22 - 30	11 - 13 - 19	69	5 - 7 - 15	103	5 - 7 - 15
12" x 12" Round	400	0.030	0.020	140	10	6 - 9 - 19	4 - 6 - 12	35	2 - 3 - 6	52	2 - 3 - 6
	600	0.068	0.045	209	21	9 - 14 - 27	6 - 9 - 16	52	3 - 4 - 9	78	3 - 4 - 9
	800	0.120	0.080	279	29	13 - 19 - 31	8 - 12 - 19	70	4 - 6 - 11	105	4 - 6 - 11
	1000	0.188	0.126	349	35	16 - 24 - 34	10 - 15 - 21	87	5 - 7 - 14	131	5 - 7 - 14
	1200	0.271	0.181	419	40	19 - 27 - 38	12 - 16 - 23	105	6 - 9 - 17	157	6 - 9 - 17
	1400	0.369	0.246	488	44	22 - 29 - 41	14 - 18 - 25	122	7 - 10 - 20	183	7 - 10 - 20
15" x 15" Round	400	0.028	0.018	314	12	9 - 14 - 28	6 - 9 - 18	78	3 - 4 - 9	118	3 - 4 - 9
	600	0.063	0.040	471	23	14 - 21 - 40	9 - 14 - 25	118	4 - 6 - 13	177	4 - 6 - 13
	800	0.112	0.072	628	31	19 - 28 - 46	12 - 18 - 28	157	6 - 9 - 17	235	6 - 9 - 17
	900	0.142	0.091	706	34	21 - 32 - 49	14 - 21 - 30	177	6 - 10 - 19	265	6 - 10 - 19
	1000	0.175	0.112	785	37	24 - 35 - 52	15 - 22 - 32	196	7 - 11 - 21	294	7 - 11 - 21
	1200	0.252	0.162	942	41	28 - 40 - 56	18 - 25 - 35	235	9 - 13 - 26	353	9 - 13 - 26
18" x 18" Round	400	0.028	0.018	314	12	9 - 14 - 28	6 - 9 - 18	78	3 - 4 - 9	118	3 - 4 - 9
	600	0.063	0.040	471	23	14 - 21 - 40	9 - 14 - 25	118	4 - 6 - 13	177	4 - 6 - 13
	800	0.112	0.072	628	31	19 - 28 - 46	12 - 18 - 28	157	6 - 9 - 17	235	6 - 9 - 17
	900	0.142	0.091	706	34	21 - 32 - 49	14 - 21 - 30	177	6 - 10 - 19	265	6 - 10 - 19
	1000	0.175	0.112	785	37	24 - 35 - 52	15 - 22 - 32	196	7 - 11 - 21	294	7 - 11 - 21
	1200	0.252	0.162	942	41	28 - 40 - 56	18 - 25 - 35	235	9 - 13 - 26	353	9 - 13 - 26
24" x 24" Round	400	0.028	0.018	314	12	9 - 14 - 28	6 - 9 - 18	78	3 - 4 - 9	118	3 - 4 - 9
	600	0.063	0.040	471	23	14 - 21 - 40	9 - 14 - 25	118	4 - 6 - 13	177	4 - 6 - 13
	800	0.112	0.072	628	31	19 - 28 - 46	12 - 18 - 28	157	6 - 9 - 17	235	6 - 9 - 17
	900	0.142	0.091	706	34	21 - 32 - 49	14 - 21 - 30	177	6 - 10 - 19	265	6 - 10 - 19
	1000	0.175	0.112	785	37	24 - 35 - 52	15 - 22 - 32	196	7 - 11 - 21	294	7 - 11 - 21
	1200	0.252	0.162	942	41	28 - 40 - 56	18 - 25 - 35	235	9 - 13 - 26	353	9 - 13 - 26

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. The throw values given for 1-Throw is for [(Total CFM)/2] CFM per side. The throw values given for 2-Throw is for [(Total CFM)/4] CFM per side. The throw values given for 4-Throw is for [(Total CFM)/4] CFM per side. Reference page B1-78 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.

SHRV, 5SHRV Performance Data: Horizontal Throw

IP DATA: SHRV, 5SHRV (NO DAMPER)

Neck Dim	Neck Vel	Total Pres	Static Pres	Total Flow	NC	Discharge Air Pattern						
						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
15" x 15" Round	400	0.027	0.017	427	12	11 - 17 - 33	7 - 11 - 21	107	3 - 5 - 10	160	3 - 5 - 10	3 - 5 - 10
	600	0.060	0.037	641	23	17 - 25 - 47	11 - 16 - 29	160	5 - 7 - 15	240	5 - 7 - 15	5 - 7 - 15
	800	0.106	0.066	855	31	22 - 33 - 54	14 - 21 - 33	214	7 - 10 - 20	320	7 - 10 - 20	7 - 10 - 20
	900	0.135	0.084	961	34	25 - 37 - 57	16 - 24 - 35	240	7 - 11 - 22	361	7 - 11 - 22	7 - 11 - 22
	1000	0.166	0.104	1068	37	28 - 41 - 60	18 - 26 - 37	267	8 - 12 - 25	401	8 - 12 - 25	8 - 12 - 25
	1200	0.239	0.149	1282	42	33 - 47 - 66	21 - 29 - 41	320	10 - 15 - 30	481	10 - 15 - 30	10 - 15 - 30
14" Round	1400	0.326	0.203	1495	46	39 - 50 - 71	25 - 31 - 44	374	12 - 17 - 35	561	12 - 17 - 35	12 - 17 - 35
	400	0.031	0.021	78	-	5 - 7 - 14	3 - 5 - 9	20	1 - 2 - 4	29	1 - 2 - 4	1 - 2 - 4
	600	0.069	0.047	118	20	7 - 11 - 20	5 - 7 - 12	29	2 - 3 - 6	44	2 - 3 - 6	2 - 3 - 6
	800	0.123	0.083	157	28	9 - 14 - 23	6 - 9 - 14	39	3 - 4 - 9	59	3 - 4 - 9	3 - 4 - 9
	1000	0.193	0.130	196	34	12 - 18 - 26	8 - 11 - 16	49	4 - 5 - 11	74	4 - 5 - 11	4 - 5 - 11
	1200	0.277	0.188	235	39	14 - 20 - 28	9 - 12 - 17	59	4 - 6 - 13	88	4 - 6 - 13	4 - 6 - 13
6" Round	1300	0.326	0.220	255	41	15 - 21 - 29	10 - 13 - 18	64	5 - 7 - 14	96	5 - 7 - 14	5 - 7 - 14
	1400	0.378	0.255	275	43	17 - 22 - 30	11 - 13 - 19	69	5 - 7 - 15	103	5 - 7 - 15	5 - 7 - 15
	400	0.031	0.021	140	10	6 - 9 - 19	4 - 6 - 12	35	2 - 3 - 6	52	2 - 3 - 6	2 - 3 - 6
	600	0.069	0.047	209	21	9 - 14 - 27	6 - 9 - 16	52	3 - 4 - 9	78	3 - 4 - 9	3 - 4 - 9
	800	0.123	0.083	279	29	13 - 19 - 31	8 - 12 - 19	70	4 - 6 - 11	105	4 - 6 - 11	4 - 6 - 11
	1000	0.193	0.130	349	35	16 - 24 - 34	10 - 15 - 21	87	5 - 7 - 14	131	5 - 7 - 14	5 - 7 - 14
8" Round	1200	0.277	0.188	419	40	19 - 27 - 38	12 - 16 - 23	105	6 - 9 - 17	157	6 - 9 - 17	6 - 9 - 17
	1400	0.378	0.255	488	44	22 - 29 - 41	14 - 18 - 25	122	7 - 10 - 20	183	7 - 10 - 20	7 - 10 - 20
	1500	0.434	0.293	523	46	24 - 30 - 42	15 - 18 - 26	131	7 - 11 - 21	196	7 - 11 - 21	7 - 11 - 21
	400	0.030	0.020	218	11	8 - 12 - 24	5 - 8 - 15	55	2 - 4 - 7	82	2 - 4 - 7	2 - 4 - 7
	600	0.068	0.045	327	22	12 - 18 - 33	8 - 12 - 20	82	4 - 5 - 11	123	4 - 5 - 11	4 - 5 - 11
	800	0.120	0.080	436	30	16 - 24 - 38	10 - 15 - 24	109	5 - 7 - 14	164	5 - 7 - 14	5 - 7 - 14
10" Round	900	0.152	0.102	491	33	18 - 27 - 41	12 - 17 - 25	123	5 - 8 - 16	184	5 - 8 - 16	5 - 8 - 16
	1000	0.188	0.126	545	36	20 - 30 - 43	13 - 19 - 26	136	6 - 9 - 18	204	6 - 9 - 18	6 - 9 - 18
	1200	0.271	0.181	654	41	24 - 33 - 47	15 - 20 - 29	164	7 - 11 - 21	245	7 - 11 - 21	7 - 11 - 21
	1400	0.369	0.246	763	45	28 - 36 - 51	18 - 22 - 31	191	8 - 12 - 25	286	8 - 12 - 25	8 - 12 - 25
	400	0.030	0.020	314	12	9 - 14 - 28	6 - 9 - 18	78	3 - 4 - 9	118	3 - 4 - 9	3 - 4 - 9
	600	0.068	0.045	471	23	14 - 21 - 40	9 - 14 - 25	118	4 - 6 - 13	177	4 - 6 - 13	4 - 6 - 13
12" Round	800	0.120	0.080	628	31	19 - 28 - 46	12 - 18 - 28	157	6 - 9 - 17	235	6 - 9 - 17	6 - 9 - 17
	900	0.152	0.102	706	34	21 - 32 - 49	14 - 21 - 30	177	6 - 10 - 19	265	6 - 10 - 19	6 - 10 - 19
	1000	0.188	0.126	785	37	24 - 35 - 52	15 - 22 - 32	196	7 - 11 - 21	294	7 - 11 - 21	7 - 11 - 21
	1200	0.271	0.181	942	41	28 - 40 - 56	18 - 25 - 35	235	9 - 13 - 26	353	9 - 13 - 26	9 - 13 - 26
	1400	0.369	0.246	1099	46	33 - 43 - 61	21 - 27 - 38	275	10 - 15 - 30	412	10 - 15 - 30	10 - 15 - 30
	400	0.029	0.019	427	12	11 - 17 - 33	7 - 11 - 21	107	3 - 5 - 10	160	3 - 5 - 10	3 - 5 - 10
14" Round	600	0.066	0.043	641	23	17 - 25 - 47	11 - 16 - 29	160	5 - 7 - 15	240	5 - 7 - 15	5 - 7 - 15
	800	0.117	0.077	855	31	22 - 33 - 54	14 - 21 - 33	214	7 - 10 - 20	320	7 - 10 - 20	7 - 10 - 20
	900	0.147	0.097	961	34	25 - 37 - 57	16 - 24 - 35	240	7 - 11 - 22	361	7 - 11 - 22	7 - 11 - 22
	1000	0.182	0.120	1068	37	28 - 41 - 60	18 - 26 - 37	267	8 - 12 - 25	401	8 - 12 - 25	8 - 12 - 25
	1200	0.262	0.172	1282	42	33 - 47 - 66	21 - 29 - 41	320	10 - 15 - 30	481	10 - 15 - 30	10 - 15 - 30
	1400	0.357	0.235	1495	46	39 - 50 - 71	25 - 31 - 44	374	12 - 17 - 35	561	12 - 17 - 35	12 - 17 - 35
16" Round	400	0.028	0.018	558	13	13 - 19 - 38	8 - 12 - 25	140	4 - 6 - 11	209	4 - 6 - 11	4 - 6 - 11
	600	0.063	0.040	837	24	19 - 28 - 53	12 - 18 - 33	209	6 - 9 - 17	314	6 - 9 - 17	6 - 9 - 17
	800	0.112	0.072	1116	32	25 - 38 - 61	16 - 25 - 38	279	8 - 11 - 23	419	8 - 11 - 23	8 - 11 - 23
	900	0.142	0.091	1256	35	28 - 43 - 65	18 - 28 - 40	314	9 - 13 - 26	471	9 - 13 - 26	9 - 13 - 26
	1000	0.175	0.112	1395	38	31 - 47 - 69	20 - 30 - 42	349	9 - 14 - 28	523	9 - 14 - 28	9 - 14 - 28
	1200	0.252	0.162	1674	43	38 - 53 - 75	25 - 33 - 46	419	11 - 17 - 34	628	11 - 17 - 34	11 - 17 - 34
	1400	0.343	0.220	1953	47	44 - 57 - 81	29 - 35 - 50	488	13 - 20 - 40	732	13 - 20 - 40	13 - 20 - 40

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. 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 B1-78 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.

SHRV, 5SHRV Performance Data: Horizontal Throw

METRIC DATA: SHRV, 5SHRV (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
mm	m/s	Pa	Pa	L/s		m	m	Flow L/s	Throw m	Flow L/s	Throw m	m
152 x 152 Round	2.0	7.7	5.2	37	-	1.4 - 2.2 - 4.3	0.9 - 1.4 - 2.8	9	0.4 - 0.6 - 1.3	14	0.4 - 0.6 - 1.3	0.4 - 0.6 - 1.3
	3.0	17.3	11.7	56	20	2.2 - 3.2 - 6.1	1.4 - 2.1 - 3.7	14	0.6 - 1.0 - 1.9	21	0.6 - 1.0 - 1.9	0.6 - 1.0 - 1.9
	4.1	30.7	20.8	74	28	2.9 - 4.3 - 7.0	1.9 - 2.8 - 4.3	19	0.9 - 1.3 - 2.6	28	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	5.1	48.0	32.5	93	34	3.6 - 5.4 - 7.8	2.3 - 3.4 - 4.8	23	1.1 - 1.6 - 3.2	35	1.1 - 1.6 - 3.2	1.1 - 1.6 - 3.2
	6.1	69.1	46.7	111	39	4.3 - 6.1 - 8.6	2.8 - 3.7 - 5.3	28	1.3 - 1.9 - 3.9	42	1.3 - 1.9 - 3.9	1.3 - 1.9 - 3.9
	7.1	94.0	63.6	130	43	5.0 - 6.5 - 9.3	3.3 - 4.0 - 5.7	32	1.5 - 2.3 - 4.5	49	1.5 - 2.3 - 4.5	1.5 - 2.3 - 4.5
229 x 229 Round	8.1	122.8	83.1	148	47	5.7 - 7.0 - 9.9	3.5 - 4.3 - 6.1	37	1.7 - 2.6 - 5.2	56	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	2.0	7.7	5.2	37	-	1.4 - 2.2 - 4.3	0.9 - 1.4 - 2.8	9	0.4 - 0.6 - 1.3	14	0.4 - 0.6 - 1.3	0.4 - 0.6 - 1.3
	3.0	17.3	11.7	56	20	2.2 - 3.2 - 6.1	1.4 - 2.1 - 3.7	14	0.6 - 1.0 - 1.9	21	0.6 - 1.0 - 1.9	0.6 - 1.0 - 1.9
	4.1	30.7	20.8	74	28	2.9 - 4.3 - 7.0	1.9 - 2.8 - 4.3	19	0.9 - 1.3 - 2.6	28	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	5.1	48.0	32.5	93	34	3.6 - 5.4 - 7.8	2.3 - 3.4 - 4.8	23	1.1 - 1.6 - 3.2	35	1.1 - 1.6 - 3.2	1.1 - 1.6 - 3.2
	6.1	69.1	46.7	111	39	4.3 - 6.1 - 8.6	2.8 - 3.7 - 5.3	28	1.3 - 1.9 - 3.9	42	1.3 - 1.9 - 3.9	1.3 - 1.9 - 3.9
229 x 203 Round	7.1	94.0	63.6	130	43	5.0 - 6.5 - 9.3	3.3 - 4.0 - 5.7	32	1.5 - 2.3 - 4.5	49	1.5 - 2.3 - 4.5	1.5 - 2.3 - 4.5
	8.1	122.8	83.1	148	47	5.7 - 7.0 - 9.9	3.5 - 4.3 - 6.1	37	1.7 - 2.6 - 5.2	56	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	2.0	7.5	5.0	66	10	1.9 - 2.9 - 5.7	1.2 - 1.9 - 3.7	16	0.6 - 0.9 - 1.7	25	0.6 - 0.9 - 1.7	0.6 - 0.9 - 1.7
	3.0	16.9	11.3	99	21	2.9 - 4.3 - 8.1	1.9 - 2.8 - 5.0	25	0.9 - 1.3 - 2.6	37	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	4.1	30.0	20.0	132	29	3.8 - 5.7 - 9.3	2.5 - 3.7 - 5.7	33	1.1 - 1.7 - 3.4	49	1.1 - 1.7 - 3.4	1.1 - 1.7 - 3.4
	5.1	46.8	31.3	165	35	4.8 - 7.2 - 10.4	3.1 - 4.5 - 6.4	41	1.4 - 2.2 - 4.3	62	1.4 - 2.2 - 4.3	1.4 - 2.2 - 4.3
305 x 305 Round	6.1	67.4	45.1	198	40	5.7 - 8.1 - 11.4	3.7 - 5.0 - 7.0	49	1.7 - 2.6 - 5.2	74	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	7.1	91.8	61.3	230	44	6.7 - 8.7 - 12.4	4.4 - 5.4 - 7.6	58	2.0 - 3.0 - 6.0	86	2.0 - 3.0 - 6.0	2.0 - 3.0 - 6.0
	8.1	119.9	80.1	263	48	7.6 - 9.3 - 13.2	4.7 - 5.7 - 8.1	66	2.3 - 3.4 - 6.9	99	2.3 - 3.4 - 6.9	2.3 - 3.4 - 6.9
	2.0	7.5	5.0	66	10	1.9 - 2.9 - 5.7	1.2 - 1.9 - 3.7	16	0.6 - 0.9 - 1.7	25	0.6 - 0.9 - 1.7	0.6 - 0.9 - 1.7
	3.0	16.9	11.3	99	21	2.9 - 4.3 - 8.1	1.9 - 2.8 - 5.0	25	0.9 - 1.3 - 2.6	37	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	4.1	30.0	20.0	132	29	3.8 - 5.7 - 9.3	2.5 - 3.7 - 5.7	33	1.1 - 1.7 - 3.4	49	1.1 - 1.7 - 3.4	1.1 - 1.7 - 3.4
305 x 254 Round	5.1	46.8	31.3	165	35	4.8 - 7.2 - 10.4	3.1 - 4.5 - 6.4	41	1.4 - 2.2 - 4.3	62	1.4 - 2.2 - 4.3	1.4 - 2.2 - 4.3
	6.1	67.4	45.1	198	40	5.7 - 8.1 - 11.4	3.7 - 5.0 - 7.0	49	1.7 - 2.6 - 5.2	74	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	7.1	91.8	61.3	230	44	6.7 - 8.7 - 12.4	4.4 - 5.4 - 7.6	58	2.0 - 3.0 - 6.0	86	2.0 - 3.0 - 6.0	2.0 - 3.0 - 6.0
	7.6	105.3	70.4	247	46	7.2 - 9.0 - 12.8	4.5 - 5.6 - 7.9	62	2.2 - 3.2 - 6.5	93	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	2.0	7.3	4.8	103	11	2.4 - 3.6 - 7.2	1.6 - 2.3 - 4.7	26	0.7 - 1.1 - 2.2	39	0.7 - 1.1 - 2.2	0.7 - 1.1 - 2.2
	3.0	16.3	10.7	154	22	3.6 - 5.4 - 10.1	2.3 - 3.5 - 6.2	39	1.1 - 1.6 - 3.2	58	1.1 - 1.6 - 3.2	1.1 - 1.6 - 3.2
381 x 381 Round	4.1	29.0	19.1	206	30	4.8 - 7.2 - 11.7	3.1 - 4.7 - 7.2	51	1.4 - 2.2 - 4.3	77	1.4 - 2.2 - 4.3	1.4 - 2.2 - 4.3
	4.6	36.7	24.1	231	33	5.4 - 8.1 - 12.4	3.5 - 5.3 - 7.6	58	1.6 - 2.4 - 4.8	87	1.6 - 2.4 - 4.8	1.6 - 2.4 - 4.8
	5.1	45.3	29.8	257	36	6.0 - 9.0 - 13.0	3.9 - 5.7 - 8.0	64	1.8 - 2.7 - 5.4	96	1.8 - 2.7 - 5.4	1.8 - 2.7 - 5.4
	6.1	65.3	42.9	309	41	7.2 - 10.1 - 14.3	4.7 - 6.2 - 8.8	77	2.2 - 3.2 - 6.5	116	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	7.1	88.9	58.4	360	45	8.4 - 10.9 - 15.4	5.4 - 6.7 - 9.5	90	2.5 - 3.8 - 7.5	135	2.5 - 3.8 - 7.5	2.5 - 3.8 - 7.5
	2.0	7.0	4.5	148	12	2.9 - 4.3 - 8.6	1.9 - 2.8 - 5.6	37	0.9 - 1.3 - 2.6	56	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
305 Round	3.0	15.7	10.1	222	23	4.3 - 6.5 - 12.1	2.8 - 4.2 - 7.5	56	1.3 - 1.9 - 3.9	83	1.3 - 1.9 - 3.9	1.3 - 1.9 - 3.9
	4.1	27.8	17.9	296	31	5.7 - 8.6 - 14.0	3.7 - 5.6 - 8.6	74	1.7 - 2.6 - 5.2	111	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	4.6	35.2	22.7	333	34	6.5 - 9.7 - 14.9	4.2 - 6.3 - 9.1	83	1.9 - 2.9 - 5.8	125	1.9 - 2.9 - 5.8	1.9 - 2.9 - 5.8
	5.1	43.5	28.0	370	37	7.2 - 10.8 - 15.7	4.7 - 6.8 - 9.6	93	2.2 - 3.2 - 6.5	139	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	6.1	62.7	40.3	444	41	8.6 - 12.1 - 17.2	5.6 - 7.5 - 10.6	111	2.6 - 3.9 - 7.8	167	2.6 - 3.9 - 7.8	2.6 - 3.9 - 7.8
	7.1	85.3	54.9	519	46	10.1 - 13.1 - 18.5	6.5 - 8.1 - 11.4	130	3.0 - 4.5 - 9.0	194	3.0 - 4.5 - 9.0	3.0 - 4.5 - 9.0

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. 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 B1-78 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.

SHRV, 5SHRV Performance Data: Horizontal Throw

METRIC DATA: SHRV, 5SHRV (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
mm	m/s	Pa	Pa	L/s		m	m	Flow L/s	Throw m	Flow L/s	Throw m	m
381 x 381	2.0	6.6	4.1	202	12	3.4 - 5.0 - 10.1	2.2 - 3.3 - 6.5	50	1.0 - 1.5 - 3.0	76	1.0 - 1.5 - 3.0	1.0 - 1.5 - 3.0
	3.0	14.9	9.3	302	23	5.0 - 7.5 - 14.1	3.3 - 4.9 - 8.7	76	1.5 - 2.3 - 4.5	113	1.5 - 2.3 - 4.5	1.5 - 2.3 - 4.5
	4.1	26.5	16.5	403	31	6.7 - 10.1 - 16.3	4.4 - 6.5 - 10.1	101	2.0 - 3.0 - 6.0	151	2.0 - 3.0 - 6.0	2.0 - 3.0 - 6.0
	4.6	33.5	20.9	454	34	7.5 - 11.3 - 17.3	4.9 - 7.4 - 10.7	113	2.3 - 3.4 - 6.8	170	2.3 - 3.4 - 6.8	2.3 - 3.4 - 6.8
356 Round	5.1	41.4	25.8	504	37	8.4 - 12.6 - 18.3	5.4 - 7.9 - 11.2	126	2.5 - 3.8 - 7.5	189	2.5 - 3.8 - 7.5	2.5 - 3.8 - 7.5
	6.1	59.6	37.2	605	42	10.1 - 14.1 - 20.0	6.5 - 8.7 - 12.3	151	3.0 - 4.5 - 9.0	227	3.0 - 4.5 - 9.0	3.0 - 4.5 - 9.0
	7.1	81.1	50.6	706	46	11.7 - 15.3 - 21.6	7.6 - 9.4 - 13.3	176	3.5 - 5.3 - 10.6	265	3.5 - 5.3 - 10.6	3.5 - 5.3 - 10.6
457 x 457	2.0	7.7	5.2	37	-	1.4 - 2.2 - 4.3	0.9 - 1.4 - 2.8	9	0.4 - 0.6 - 1.3	14	0.4 - 0.6 - 1.3	0.4 - 0.6 - 1.3
152 Round	3.0	17.3	11.7	56	20	2.2 - 3.2 - 6.1	1.4 - 2.1 - 3.7	14	0.6 - 1.0 - 1.9	21	0.6 - 1.0 - 1.9	0.6 - 1.0 - 1.9
	4.1	30.7	20.8	74	28	2.9 - 4.3 - 7.0	1.9 - 2.8 - 4.3	19	0.9 - 1.3 - 2.6	28	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	5.1	48.0	32.5	93	34	3.6 - 5.4 - 7.8	2.3 - 3.4 - 4.8	23	1.1 - 1.6 - 3.2	35	1.1 - 1.6 - 3.2	1.1 - 1.6 - 3.2
	6.1	69.1	46.7	111	39	4.3 - 6.1 - 8.6	2.8 - 3.7 - 5.3	28	1.3 - 1.9 - 3.9	42	1.3 - 1.9 - 3.9	1.3 - 1.9 - 3.9
203 Round	6.6	81.1	54.9	120	41	4.7 - 6.3 - 8.9	3.0 - 3.9 - 5.5	30	1.4 - 2.1 - 4.2	45	1.4 - 2.1 - 4.2	1.4 - 2.1 - 4.2
	7.1	94.0	63.6	130	43	5.0 - 6.5 - 9.3	3.3 - 4.0 - 5.7	32	1.5 - 2.3 - 4.5	49	1.5 - 2.3 - 4.5	1.5 - 2.3 - 4.5
	2.0	7.7	5.2	66	10	1.9 - 2.9 - 5.7	1.2 - 1.9 - 3.7	16	0.6 - 0.9 - 1.7	25	0.6 - 0.9 - 1.7	0.6 - 0.9 - 1.7
	3.0	17.3	11.7	99	21	2.9 - 4.3 - 8.1	1.9 - 2.8 - 5.0	25	0.9 - 1.3 - 2.6	37	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
457 x 457	4.1	30.7	20.8	132	29	3.8 - 5.7 - 9.3	2.5 - 3.7 - 5.7	33	1.1 - 1.7 - 3.4	49	1.1 - 1.7 - 3.4	1.1 - 1.7 - 3.4
	5.1	48.0	32.5	165	35	4.8 - 7.2 - 10.4	3.1 - 4.5 - 6.4	41	1.4 - 2.2 - 4.3	62	1.4 - 2.2 - 4.3	1.4 - 2.2 - 4.3
	6.1	69.1	46.7	198	40	5.7 - 8.1 - 11.4	3.7 - 5.0 - 7.0	49	1.7 - 2.6 - 5.2	74	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	7.1	94.0	63.6	230	44	6.7 - 8.7 - 12.4	4.4 - 5.4 - 7.6	58	2.0 - 3.0 - 6.0	86	2.0 - 3.0 - 6.0	2.0 - 3.0 - 6.0
254 Round	7.6	108.0	73.0	247	46	7.2 - 9.0 - 12.8	4.5 - 5.6 - 7.9	62	2.2 - 3.2 - 6.5	93	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	2.0	7.5	5.0	103	11	2.4 - 3.6 - 7.2	1.6 - 2.3 - 4.7	26	0.7 - 1.1 - 2.2	39	0.7 - 1.1 - 2.2	0.7 - 1.1 - 2.2
	3.0	16.9	11.3	154	22	3.6 - 5.4 - 10.1	2.3 - 3.5 - 6.2	39	1.1 - 1.6 - 3.2	58	1.1 - 1.6 - 3.2	1.1 - 1.6 - 3.2
	4.1	30.0	20.0	206	30	4.8 - 7.2 - 11.7	3.1 - 4.7 - 7.2	51	1.4 - 2.2 - 4.3	77	1.4 - 2.2 - 4.3	1.4 - 2.2 - 4.3
305 Round	4.6	37.9	25.4	231	33	5.4 - 8.1 - 12.4	3.5 - 5.3 - 7.6	58	1.6 - 2.4 - 4.8	87	1.6 - 2.4 - 4.8	1.6 - 2.4 - 4.8
	5.1	46.8	31.3	257	36	6.0 - 9.0 - 13.0	3.9 - 5.7 - 8.0	64	1.8 - 2.7 - 5.4	96	1.8 - 2.7 - 5.4	1.8 - 2.7 - 5.4
	6.1	67.4	45.1	309	41	7.2 - 10.1 - 14.3	4.7 - 6.2 - 8.8	77	2.2 - 3.2 - 6.5	116	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	7.1	91.8	61.3	360	45	8.4 - 10.9 - 15.4	5.4 - 6.7 - 9.5	90	2.5 - 3.8 - 7.5	135	2.5 - 3.8 - 7.5	2.5 - 3.8 - 7.5
457 x 457	2.0	7.5	5.0	148	12	2.9 - 4.3 - 8.6	1.9 - 2.8 - 5.6	37	0.9 - 1.3 - 2.6	56	0.9 - 1.3 - 2.6	0.9 - 1.3 - 2.6
	3.0	16.9	11.3	222	23	4.3 - 6.5 - 12.1	2.8 - 4.2 - 7.5	56	1.3 - 1.9 - 3.9	83	1.3 - 1.9 - 3.9	1.3 - 1.9 - 3.9
	4.1	30.0	20.0	296	31	5.7 - 8.6 - 14.0	3.7 - 5.6 - 8.6	74	1.7 - 2.6 - 5.2	111	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
	4.6	37.9	25.4	333	34	6.5 - 9.7 - 14.9	4.2 - 6.3 - 9.1	83	1.9 - 2.9 - 5.8	125	1.9 - 2.9 - 5.8	1.9 - 2.9 - 5.8
356 Round	5.1	46.8	31.3	370	37	7.2 - 10.8 - 15.7	4.7 - 6.8 - 9.6	93	2.2 - 3.2 - 6.5	139	2.2 - 3.2 - 6.5	2.2 - 3.2 - 6.5
	6.1	67.4	45.1	444	41	8.6 - 12.1 - 17.2	5.6 - 7.5 - 10.6	111	2.6 - 3.9 - 7.8	167	2.6 - 3.9 - 7.8	2.6 - 3.9 - 7.8
	7.1	91.8	61.3	519	46	10.1 - 13.1 - 18.5	6.5 - 8.1 - 11.4	130	3.0 - 4.5 - 9.0	194	3.0 - 4.5 - 9.0	3.0 - 4.5 - 9.0
	2.0	7.3	4.8	202	12	3.4 - 5.0 - 10.1	2.2 - 3.3 - 6.5	50	1.0 - 1.5 - 3.0	76	1.0 - 1.5 - 3.0	1.0 - 1.5 - 3.0
457 x 457	3.0	16.3	10.7	302	23	5.0 - 7.5 - 14.1	3.3 - 4.9 - 8.7	76	1.5 - 2.3 - 4.5	113	1.5 - 2.3 - 4.5	1.5 - 2.3 - 4.5
	4.1	29.0	19.1	403	31	6.7 - 10.1 - 16.3	4.4 - 6.5 - 10.1	101	2.0 - 3.0 - 6.0	151	2.0 - 3.0 - 6.0	2.0 - 3.0 - 6.0
	4.6	36.7	24.1	454	34	7.5 - 11.3 - 17.3	4.9 - 7.4 - 10.7	113	2.3 - 3.4 - 6.8	170	2.3 - 3.4 - 6.8	2.3 - 3.4 - 6.8
	5.1	45.3	29.8	504	37	8.4 - 12.6 - 18.3	5.4 - 7.9 - 11.2	126	2.5 - 3.8 - 7.5	189	2.5 - 3.8 - 7.5	2.5 - 3.8 - 7.5
406 Round	6.1	65.3	42.9	605	42	10.1 - 14.1 - 20.0	6.5 - 8.7 - 12.3	151	3.0 - 4.5 - 9.0	227	3.0 - 4.5 - 9.0	3.0 - 4.5 - 9.0
	7.1	88.9	58.4	706	46	11.7 - 15.3 - 21.6	7.6 - 9.4 - 13.3	176	3.5 - 5.3 - 10.6	265	3.5 - 5.3 - 10.6	3.5 - 5.3 - 10.6
	2.0	7.0	4.5	263	13	3.8 - 5.7 - 11.5	2.5 - 3.7 - 7.5	66	1.1 - 1.7 - 3.4	99	1.1 - 1.7 - 3.4	1.1 - 1.7 - 3.4
	3.0	15.7	10.1	395	24	5.7 - 8.6 - 16.2	3.7 - 5.6 - 10.0	99	1.7 - 2.6 - 5.2	148	1.7 - 2.6 - 5.2	1.7 - 2.6 - 5.2
457 x 457	4.1	27.8	17.9	527	32	7.7 - 11.5 - 18.7	5.0 - 7.5 - 11.5	132	2.3 - 3.4 - 6.9	198	2.3 - 3.4 - 6.9	2.3 - 3.4 - 6.9
	4.6	35.2	22.7	593	35	8.6 - 12.9 - 19.8	5.6 - 8.4 - 12.2	148	2.6 - 3.9 - 7.8	222	2.6 - 3.9 - 7.8	2.6 - 3.9 - 7.8
	5.1	43.5	28.0	658	38	9.6 - 14.4 - 20.9	6.2 - 9.1 - 12.8	165	2.9 - 4.3 - 8.6	247	2.9 - 4.3 - 8.6	2.9 - 4.3 - 8.6
	6.1	62.7	40.3	790	43	11.5 - 16.2 - 22.9	7.5 - 10.0 - 14.1	198	3.4 - 5.2 - 10.3	296	3.4 - 5.2 - 10.3	3.4 - 5.2 - 10.3
406 Round	7.1	85.3	54.9	922	47	13.4 - 17.5 - 24.7	8.7 - 10.7 - 15.2	230	4.0 - 6.0 - 12.1	346	4.0 - 6.0 - 12.1	4.0 - 6.0 - 12.1

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. 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 B1-78 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.