

1400A, 51400A Performance Data: Horizontal Throw

IP/METRIC DATA: 1400A, 51400A, 24"x24" PANEL (NO DAMPER)

	IP Data						Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Pt	Ps	Throw	NC	Neck Vel	Air Flow	Pt	Ps	Throw	2	3	4	5	6	7	
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m							
6" Dia.	200	39	.006	0.004	0 - 1 - 2	-	1.02	19	1.6	0.9	0.1 - 0.2 - 0.7	-	-	-	-	-	-	
	300	59	.014	0.008	1 - 1 - 4	-	1.524	28	3.5	2.1	0.2 - 0.4 - 1.3	19	14	12	-	-	-	
	500	98	.039	0.023	2 - 4 - 7	-	2.54	46	9.7	5.8	0.5 - 1.1 - 2.2	31	25	24	19	-	-	
	600	118	.056	0.034	2 - 4 - 9	15	3.05	56	13.9	8.4	0.7 - 1.3 - 2.6	35	29	29	26	16	-	
	700	137	.076	0.046	3 - 5 - 10	20	3.56	65	19.0	11.4	0.9 - 1.5 - 2.9	38	33	33	32	24	12	
	800	157	.100	0.060	4 - 6 - 10	25	4.06	74	24.8	14.9	1.2 - 1.8 - 3.1	41	36	36	37	30	18	
	900	177	.126	0.076	4 - 7 - 11	30	4.57	83	31.4	18.8	1.3 - 2.0 - 3.3	44	38	39	41	36	24	
	1000	196	.156	0.093	5 - 7 - 11	34	5.08	93	38.7	23.2	1.5 - 2.2 - 3.5	47	41	42	45	41	29	
	1100	216	.188	0.113	5 - 8 - 12	37	5.59	102	46.9	28.1	1.6 - 2.4 - 3.7	49	43	44	49	46	33	
8" Dia.	200	70	.006	0.004	1 - 1 - 4	-	1.02	33	1.6	0.9	0.2 - 0.4 - 1.4	12	-	-	-	-	-	
	300	105	.014	0.008	1 - 3 - 7	-	1.524	49	3.5	2.1	0.4 - 0.8 - 2.0	21	18	15	-	-	-	
	500	175	.039	0.023	3 - 6 - 11	12	2.54	82	9.7	5.8	1.0 - 1.7 - 3.3	33	29	28	24	13	-	
	600	209	.056	0.034	4 - 7 - 12	19	3.05	99	13.9	8.4	1.4 - 2.0 - 3.6	37	33	33	31	22	-	
	700	244	.076	0.046	5 - 8 - 13	25	3.56	115	19.0	11.4	1.6 - 2.4 - 3.9	41	37	37	36	30	16	
	800	279	.100	0.060	6 - 9 - 14	30	4.06	132	24.8	14.9	1.8 - 2.7 - 4.2	44	40	40	42	36	23	
	900	314	.126	0.076	7 - 10 - 14	35	4.57	148	31.4	18.8	2.0 - 3.1 - 4.4	47	42	43	46	42	28	
	1000	349	.156	0.093	7 - 11 - 15	39	5.08	165	38.7	23.2	2.3 - 3.3 - 4.6	49	45	46	50	47	33	
	1100	384	.188	0.113	8 - 11 - 16	42	5.59	181	46.9	28.1	2.5 - 3.4 - 4.9	51	47	48	54	51	38	
10" Dia.	300	164	.014	0.008	2 - 4 - 9	-	1.52	77	3.5	2.1	0.6 - 1.3 - 2.8	23	21	18	-	-	-	
	400	218	.025	0.015	3 - 6 - 12	-	2.032	103	6.2	3.7	1.0 - 1.9 - 3.7	30	27	26	19	-	-	
	500	273	.039	0.023	5 - 8 - 14	16	2.54	129	9.7	5.8	1.5 - 2.3 - 4.1	35	32	31	28	18	-	
	600	327	.056	0.034	6 - 9 - 15	23	3.05	154	13.9	8.4	1.9 - 2.8 - 4.5	40	36	36	34	27	12	
	700	382	.076	0.046	7 - 11 - 16	29	3.56	180	19.0	11.4	2.2 - 3.2 - 4.9	43	40	40	40	34	20	
	800	436	.100	0.060	8 - 12 - 17	34	4.06	206	24.8	14.9	2.5 - 3.7 - 5.2	46	43	43	45	41	26	
	900	491	.126	0.076	9 - 13 - 18	38	4.57	232	31.4	18.8	2.8 - 3.9 - 5.5	49	45	46	50	46	32	
	1000	545	.156	0.093	10 - 14 - 19	42	5.08	257	38.7	23.2	3.1 - 4.1 - 5.8	51	48	49	54	51	37	
	1100	600	.188	0.113	11 - 14 - 20	46	5.59	283	46.9	28.1	3.4 - 4.3 - 6.1	54	50	51	57	56	41	
12" Dia.	200	157	.006	0.004	1 - 3 - 8	-	1.02	74	1.6	0.9	0.4 - 0.8 - 2.3	16	14	11	-	-	-	
	300	236	.014	0.008	3 - 6 - 12	-	1.524	111	3.5	2.1	0.8 - 1.8 - 3.5	25	23	21	11	-	-	
	400	314	.025	0.015	5 - 8 - 14	11	2.03	148	6.2	3.7	1.5 - 2.3 - 4.4	32	30	28	22	11	-	
	500	393	.039	0.023	6 - 10 - 16	19	2.54	185	9.7	5.8	2.0 - 2.9 - 4.9	37	35	34	31	22	-	
	600	471	.056	0.034	8 - 12 - 18	26	3.05	222	13.9	8.4	2.3 - 3.5 - 5.4	41	39	38	37	30	15	
	700	550	.076	0.046	9 - 13 - 19	32	3.56	259	19.0	11.4	2.7 - 4.1 - 5.8	45	42	42	43	38	23	
	800	628	.100	0.060	10 - 14 - 20	37	4.06	297	24.8	14.9	3.1 - 4.4 - 6.2	48	45	45	48	44	29	
	900	707	.126	0.076	12 - 15 - 22	41	4.57	334	31.4	18.8	3.5 - 4.7 - 6.6	51	48	48	53	50	35	
	1000	785	.156	0.093	13 - 16 - 23	45	5.08	371	38.7	23.2	3.9 - 4.9 - 7.0	53	50	51	57	55	40	
14" Dia.	200	214	.006	0.004	2 - 3 - 9	-	1.02	101	1.6	0.9	0.5 - 1.1 - 2.8	17	16	13	-	-	-	
	300	321	.014	0.008	3 - 7 - 14	-	1.524	151	3.5	2.1	1.1 - 2.1 - 4.3	27	25	23	14	-	-	
	400	428	.025	0.015	6 - 9 - 17	13	2.03	202	6.2	3.7	1.9 - 2.8 - 5.1	33	32	30	25	14	-	
	500	535	.039	0.023	8 - 12 - 19	22	2.54	252	9.7	5.8	2.4 - 3.5 - 5.7	38	37	36	33	25	-	
	600	641	.056	0.034	9 - 14 - 21	29	3.05	303	13.9	8.4	2.8 - 4.3 - 6.3	43	41	40	40	34	18	
	700	748	.076	0.046	11 - 16 - 22	34	3.56	353	19.0	11.4	3.3 - 4.8 - 6.8	46	44	44	46	41	25	
	800	855	.100	0.060	12 - 17 - 24	39	4.06	404	24.8	14.9	3.8 - 5.1 - 7.3	49	47	47	51	47	31	
	900	962	.126	0.076	14 - 18 - 25	44	4.57	454	31.4	18.8	4.3 - 5.5 - 7.7	52	50	50	55	53	37	
	1000	1069	.156	0.093	15 - 19 - 27	48	5.08	505	38.7	23.2	4.7 - 5.7 - 8.1	55	52	53	59	58	42	
15" Dia.	200	245	.006	0.004	2 - 4 - 10	-	1.02	116	1.6	0.9	0.5 - 1.2 - 3.1	18	17	14	-	-	-	
	300	368	.014	0.008	4 - 8 - 15	-	1.524	174	3.5	2.1	1.2 - 2.3 - 4.6	27	26	24	15	-	-	
	400	491	.025	0.015	7 - 10 - 18	15	2.03	232	6.2	3.7	2.1 - 3.1 - 5.5	34	33	31	26	15	-	
	500	614	.039	0.023	8 - 13 - 20	23	2.54	290	9.7	5.8	2.6 - 3.8 - 6.2	39	38	36	34	26	-	
	600	736	.056	0.034	10 - 15 - 22	30	3.05	347	13.9	8.4	3.1 - 4.6 - 6.7	43	42	41	41	35	19	
	700	859	.076	0.046	12 - 17 - 24	36	3.56	405	19.0	11.4	3.6 - 5.2 - 7.3	47	45	45	47	42	26	
	800	982	.100	0.060	14 - 18 - 26	41	4.06	463	24.8	14.9	4.1 - 5.5 - 7.8	50	48	48	52	49	32	
	900	1104	.126	0.076	15 - 19 - 27	45	4.57	521	31.4	18.8	4.6 - 5.8 - 8.3	53	51	51	57	55	38	
	1000	1227	.156	0.093	17 - 20 - 29	49	5.08	579	38.7	23.2	5.0 - 6.2 - 8.7	55	53	54	61	60	43	

LOUVERED FACE DIFFUSERS

 1
4
0
0
A
-
5
1
4
0
0
A

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (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 or dB 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. See Krueger's selection software for performance data not shown, including octave band data.

1400A, 51400A Performance Data: Vertical Throw

IP DATA: 1400A, 51400A, 24"x24" PANEL (NO DAMPER)

LOUVERED FACE DIFFUSERS

Neck Dia.	Neck Vel	Air Flow	Pt	Ps	Vert Δ + 40°F Throw	Vert Δ + 20°F Throw	Vert Δ + 0°F Throw	Vert Δ - 20°F Throw	NC	Octave Band, dB						
										in.	FPM	CFM	"WG	"WG	ft	ft
6" Dia.	200	39	.008	0.005	0-0-1	0-0-1	0-0-1	0-1-1	-	-	-	-	-	-	-	
	300	59	.017	0.011	0-0-1	0-1-1	0-1-1	1-1-2	-	16	13	13	-	-	-	
	500	98	.047	0.032	0-1-1	1-1-2	1-1-2	1-1-2	12	29	26	27	24	11	-	
	600	118	.068	0.046	1-1-1	1-1-2	1-1-2	1-2-2	18	34	31	31	30	20	-	
	700	137	.093	0.062	1-1-1	1-1-2	1-1-2	1-2-3	23	38	36	35	35	27	13	
	800	157	.121	0.081	1-1-1	1-1-2	1-2-2	1-2-3	28	41	39	39	39	33	18	
	900	177	.154	0.103	1-1-1	1-1-2	1-2-2	2-2-3	32	44	42	42	43	38	23	
	1000	196	.190	0.127	1-1-2	1-2-2	1-2-3	2-2-3	35	47	45	45	46	43	28	
1100	216	.229	0.154	1-1-2	1-2-2	2-2-3	2-2-3	38	49	48	47	50	48	32		
8" Dia.	200	70	.009	0.007	0-0-1	0-0-1	0-1-1	0-1-1	-	11	-	-	-	-	-	
	300	105	.021	0.015	0-1-1	0-1-1	1-1-2	1-1-2	-	22	17	17	12	-	-	
	500	175	.058	0.042	1-1-1	1-1-2	1-1-2	1-2-3	17	35	31	30	29	17	-	
	600	209	.084	0.061	1-1-2	1-1-2	1-2-3	1-2-3	23	39	36	35	35	26	13	
	700	244	.114	0.083	1-1-2	1-2-2	1-2-3	2-2-4	28	43	40	39	40	33	19	
	800	279	.148	0.109	1-1-2	1-2-3	2-2-3	2-3-4	33	47	44	43	44	39	25	
	900	314	.188	0.137	1-1-2	1-2-3	2-2-3	2-3-4	36	49	47	46	48	45	30	
	1000	349	.232	0.170	1-1-2	2-2-3	2-2-3	2-3-4	40	52	50	49	51	50	35	
1100	384	.281	0.205	1-2-2	2-2-3	2-3-4	3-3-4	43	55	52	51	54	54	39		
10" Dia.	200	109	.011	0.009	1-2-4	1-2-5	1-2-6	1-2-8	-	16	-	-	-	-	-	
	300	164	.026	0.020	2-3-6	2-4-8	2-5-9	2-5-11	-	26	21	20	16	-	-	
	400	218	.046	0.036	3-4-8	3-5-10	4-6-12	4-8-15	14	33	28	27	25	12	-	
	500	273	.072	0.056	3-5-9	4-6-13	5-8-15	6-9-19	21	39	34	33	32	22	-	
	600	327	.103	0.081	4-6-10	5-8-14	6-9-17	8-11-20	27	43	39	38	38	31	18	
	700	382	.140	0.110	5-7-11	6-9-15	7-11-18	9-13-22	32	47	44	42	43	38	24	
	800	436	.183	0.143	5-8-12	7-10-16	8-12-20	10-15-24	36	51	47	46	48	44	30	
	900	491	.232	0.182	6-9-12	8-12-17	9-14-21	11-17-25	40	54	50	49	52	49	35	
1000	545	.287	0.224	7-9-13	9-13-18	10-15-22	13-19-26	44	56	53	52	55	54	40		
12" Dia.	100	79	.004	0.003	0-0-2	0-1-2	0-1-3	0-1-3	-	-	-	-	-	-	-	
	200	157	.014	0.012	1-2-5	1-2-6	1-3-7	1-3-9	-	19	12	12	-	-	-	
	300	236	.032	0.026	2-4-7	2-5-9	3-6-11	3-6-14	-	29	23	22	19	-	-	
	400	314	.057	0.047	3-5-10	4-6-12	5-7-15	5-9-18	17	37	31	30	28	16	-	
	500	393	.088	0.073	4-6-11	5-8-15	6-9-19	8-11-22	24	42	37	36	35	26	14	
	600	471	.127	0.105	5-7-12	6-9-17	7-11-20	9-14-25	30	47	42	41	41	34	22	
	700	550	.173	0.143	6-9-13	7-11-18	9-13-22	11-16-27	35	51	46	45	47	42	29	
	800	628	.226	0.186	7-10-14	8-12-19	10-15-24	12-18-28	39	54	50	48	51	48	34	
900	707	.286	0.236	7-10-15	9-14-21	11-17-25	14-20-30	43	57	53	51	55	53	39		
14" Dia.	100	107	.004	0.004	0-1-2	0-1-3	0-1-3	0-1-3	-	-	-	-	-	-	-	
	200	214	.017	0.015	1-2-6	1-3-7	1-3-9	1-3-11	-	22	15	14	-	-	-	
	300	321	.039	0.033	2-4-9	3-5-11	3-6-13	3-7-16	-	32	26	24	21	-	-	
	400	428	.069	0.059	4-6-11	5-7-15	6-9-17	6-11-21	19	40	34	32	31	19	-	
	500	535	.108	0.092	5-7-13	6-9-18	7-11-22	9-13-26	27	45	40	38	38	29	18	
	600	641	.156	0.133	6-9-14	7-11-20	9-13-24	11-16-29	33	50	45	43	44	38	25	
	700	748	.212	0.181	7-10-15	8-13-21	10-15-26	12-19-31	38	54	49	47	49	45	32	
	800	855	.276	0.237	8-11-16	10-15-23	12-17-27	14-21-33	42	57	52	50	54	51	38	
900	962	.350	0.299	9-12-17	11-16-24	13-19-29	16-24-35	46	60	56	54	57	57	43		
15" Dia.	100	123	.005	0.004	0-1-2	0-1-3	0-1-4	0-1-4	-	-	-	-	-	-	-	
	200	245	.019	0.017	1-2-6	1-3-8	2-4-9	2-4-11	-	23	16	15	-	-	-	
	300	368	.043	0.037	2-5-9	3-6-12	4-7-14	4-8-17	11	34	27	25	23	-	-	
	400	491	.076	0.066	4-6-12	5-8-16	6-9-19	6-11-23	21	41	35	33	32	20	-	
	500	614	.119	0.103	5-8-14	6-10-19	8-12-23	9-14-28	28	47	41	39	39	31	19	
	600	736	.171	0.149	6-9-15	8-12-21	9-14-25	11-17-31	34	51	46	44	45	39	27	
	700	859	.233	0.203	7-11-16	9-14-23	11-16-27	13-20-33	39	55	50	48	50	46	34	
	800	982	.305	0.265	8-12-17	10-16-24	12-19-29	15-23-35	43	58	53	51	55	53	39	
900	1104	.386	0.335	9-13-18	12-18-26	14-21-31	17-26-38	47	61	57	54	59	58	44		

NOTES: Throw values are given for temperature differences shown 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 or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70. See Krueger's selection software for performance data not shown, including octave band data.

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1400A, 51400A Performance Data: Vertical Throw
METRIC DATA: 1400A, 51400A, 24"x24" PANEL (NO DAMPER)

Neck Dia.	Neck Vel	Air Flow	Pt	Ps	Vert Δ + 22°C Throw	Vert Δ + 11°C Throw	Vert Δ + 0°C Throw	Vert Δ - 11°C Throw	NC	Octave Band, dB					
										2	3	4	5	6	7
mm	m/s	L/s	Pa	Pa	m	m	m	m							
152 Dia.	1.02	19	1.9	1.3	0.0-0.1-0.2	0.1-0.1-0.2	0.1-0.1-0.3	0.1-0.2-0.3	-	-	-	-	-	-	-
	1.52	28	4.2	2.9	0.1-0.1-0.3	0.1-0.2-0.3	0.1-0.2-0.4	0.2-0.2-0.5	-	16	13	13	-	-	-
	2.54	46	11.8	7.9	0.1-0.2-0.3	0.2-0.3-0.5	0.2-0.3-0.6	0.3-0.4-0.7	12	29	26	27	24	11	-
	3.05	56	17.0	11.4	0.2-0.3-0.4	0.2-0.3-0.5	0.3-0.4-0.6	0.3-0.5-0.7	18	34	31	31	30	20	-
	3.56	65	23.1	15.5	0.2-0.3-0.4	0.3-0.4-0.5	0.3-0.5-0.7	0.4-0.6-0.8	23	38	36	35	35	27	13
	4.06	74	30.2	20.3	0.2-0.3-0.4	0.3-0.4-0.6	0.3-0.5-0.7	0.4-0.6-0.9	28	41	39	39	39	33	18
	4.57	83	38.2	25.7	0.3-0.3-0.4	0.3-0.4-0.6	0.4-0.5-0.8	0.5-0.6-0.9	32	44	42	42	43	38	23
	5.08	93	47.2	31.7	0.3-0.3-0.5	0.4-0.5-0.7	0.4-0.6-0.8	0.5-0.7-1.0	35	47	45	45	46	43	28
5.59	102	57.1	38.3	0.3-0.3-0.5	0.4-0.5-0.7	0.5-0.6-0.8	0.6-0.7-1.0	38	49	48	47	50	48	32	
203 Dia.	1.02	33	2.3	1.7	0.1-0.1-0.2	0.1-0.1-0.3	0.1-0.2-0.3	0.1-0.2-0.4	-	11	-	-	-	-	-
	1.52	49	5.2	3.8	0.1-0.2-0.3	0.1-0.2-0.4	0.2-0.3-0.5	0.2-0.3-0.6	-	22	17	17	12	-	-
	2.54	82	14.4	10.6	0.2-0.3-0.4	0.2-0.4-0.6	0.3-0.4-0.7	0.4-0.5-0.9	17	35	31	30	29	17	-
	3.05	99	20.8	15.2	0.2-0.3-0.5	0.3-0.4-0.7	0.3-0.5-0.8	0.4-0.6-1.0	23	39	36	35	35	26	13
	3.56	115	28.3	20.7	0.3-0.4-0.5	0.3-0.5-0.7	0.4-0.6-0.9	0.5-0.7-1.1	28	43	40	39	40	33	19
	4.06	132	37.0	27.0	0.3-0.4-0.6	0.4-0.6-0.8	0.5-0.7-0.9	0.6-0.8-1.1	33	47	44	43	44	39	25
	4.57	148	46.8	34.2	0.3-0.4-0.6	0.4-0.6-0.8	0.5-0.7-1.0	0.6-0.9-1.2	36	49	47	46	48	45	30
	5.08	165	57.8	42.2	0.4-0.4-0.6	0.5-0.6-0.9	0.6-0.7-1.1	0.7-0.9-1.3	40	52	50	49	51	50	35
5.59	181	69.9	51.1	0.4-0.5-0.7	0.5-0.6-0.9	0.6-0.8-1.1	0.8-0.9-1.3	43	55	52	51	54	54	39	
254 Dia.	1.02	51	2.9	2.2	0.2-0.5-1.2	0.2-0.6-1.6	0.3-0.7-1.9	0.3-0.7-2.3	-	16	-	-	-	-	-
	1.52	77	6.4	5.0	0.5-0.9-1.9	0.6-1.2-2.4	0.7-1.4-2.8	0.7-1.6-3.5	-	26	21	20	16	-	-
	2.03	103	11.4	8.9	0.8-1.2-2.5	1.0-1.6-3.2	1.3-1.9-3.8	1.3-2.3-4.6	14	33	28	27	25	12	-
	2.54	129	17.8	14.0	1.0-1.5-2.8	1.3-2.0-3.9	1.6-2.4-4.7	1.9-2.9-5.7	21	39	34	33	32	22	-
	3.05	154	25.7	20.1	1.2-1.9-3.0	1.6-2.4-4.2	1.9-2.8-5.2	2.3-3.5-6.2	27	43	39	38	38	31	18
	3.56	180	35.0	27.4	1.4-2.2-3.3	1.8-2.8-4.6	2.2-3.3-5.6	2.7-4.0-6.7	32	47	44	42	43	38	24
	4.06	206	45.7	35.7	1.7-2.5-3.5	2.1-3.2-4.9	2.5-3.8-6.0	3.1-4.6-7.2	36	51	47	46	48	44	30
	4.57	232	57.8	45.2	1.9-2.6-3.7	2.4-3.5-5.2	2.8-4.2-6.3	3.5-5.2-7.6	40	54	50	49	52	49	35
5.08	257	71.3	55.8	2.1-2.8-3.9	2.6-3.9-5.5	3.1-4.7-6.7	3.8-5.7-8.0	44	56	53	52	55	54	40	
305 Dia.	0.51	37	0.9	0.7	0.1-0.1-0.6	0.1-0.2-0.7	0.1-0.2-0.9	0.1-0.2-0.9	-	-	-	-	-	-	-
	1.02	74	3.5	2.9	0.3-0.6-1.5	0.3-0.7-1.9	0.4-0.9-2.3	0.4-0.9-2.8	-	19	12	12	-	-	-
	1.52	111	7.9	6.5	0.6-1.1-2.2	0.7-1.4-2.8	0.9-1.7-3.4	0.9-1.9-4.1	-	29	23	22	19	-	-
	2.03	148	14.1	11.6	1.0-1.5-3.0	1.2-1.9-3.8	1.5-2.3-4.5	1.5-2.8-5.5	17	37	31	30	28	16	-
	2.54	185	22.0	18.1	1.2-1.9-3.3	1.6-2.4-4.7	1.9-2.8-5.6	2.3-3.5-6.8	24	42	37	36	35	26	14
	3.05	222	31.7	26.1	1.5-2.2-3.6	1.9-2.8-5.1	2.3-3.4-6.2	2.8-4.1-7.5	30	47	42	41	41	34	22
	3.56	259	43.1	35.5	1.7-2.6-3.9	2.2-3.3-5.5	2.6-4.0-6.7	3.2-4.8-8.1	35	51	46	45	47	42	29
	4.06	297	56.3	46.3	2.0-3.0-4.2	2.5-3.8-5.9	3.0-4.5-7.1	3.7-5.5-8.6	39	54	50	48	51	48	34
4.57	334	71.2	58.7	2.2-3.1-4.5	2.8-4.3-6.2	3.4-5.1-7.6	4.1-6.2-9.1	43	57	53	51	55	53	39	
356 Dia.	0.51	50	1.1	0.9	0.1-0.2-0.7	0.1-0.2-0.8	0.1-0.3-1.0	0.1-0.3-1.0	-	-	-	-	-	-	-
	1.02	101	4.3	3.7	0.3-0.7-1.7	0.3-0.8-2.2	0.4-1.0-2.6	0.4-1.0-3.2	-	22	15	14	-	-	-
	1.52	151	9.7	8.3	0.7-1.3-2.6	0.8-1.7-3.3	1.0-2.0-4.0	1.0-2.3-4.8	-	32	26	24	21	-	-
	2.03	202	17.2	14.7	1.2-1.7-3.5	1.4-2.2-4.4	1.8-2.6-5.3	1.8-3.2-6.4	19	40	34	32	31	19	-
	2.54	252	26.9	23.0	1.4-2.2-3.9	1.8-2.8-5.4	2.2-3.3-6.6	2.7-4.0-8.0	27	45	40	38	38	29	18
	3.05	303	38.7	33.1	1.7-2.6-4.2	2.2-3.3-5.9	2.6-4.0-7.2	3.2-4.8-8.7	33	50	45	43	44	38	25
	3.56	353	52.7	45.1	2.0-3.0-4.6	2.6-3.9-6.4	3.1-4.6-7.8	3.8-5.6-9.4	38	54	49	47	49	45	32
	4.06	404	68.8	58.9	2.3-3.5-4.9	2.9-4.4-6.9	3.5-5.3-8.3	4.3-6.4-10.1	42	57	52	50	54	51	38
4.57	454	87.1	74.6	2.6-3.7-5.2	3.3-5.0-7.3	4.0-5.9-8.8	4.8-7.2-10.7	46	60	56	54	57	57	43	
381 Dia.	0.51	58	1.2	1.0	0.1-0.2-0.7	0.1-0.2-0.8	0.1-0.3-1.1	0.1-0.3-1.1	-	-	-	-	-	-	-
	1.02	116	4.7	4.1	0.3-0.7-1.9	0.4-0.8-2.4	0.5-1.1-2.8	0.5-1.1-3.5	-	23	16	15	-	-	-
	1.52	174	10.7	9.3	0.7-1.4-2.8	0.8-1.8-3.5	1.1-2.1-4.2	1.1-2.4-5.2	11	34	27	25	23	-	-
	2.03	232	19.0	16.5	1.2-1.9-3.7	1.5-2.4-4.7	1.9-2.8-5.6	1.9-3.5-6.9	21	41	35	33	32	20	-
	2.54	290	29.6	25.7	1.5-2.3-4.1	2.0-3.0-5.8	2.4-3.5-7.1	2.9-4.3-8.5	28	47	41	39	39	31	19
	3.05	347	42.7	37.1	1.9-2.8-4.5	2.4-3.5-6.4	2.8-4.2-7.7	3.5-5.2-9.3	34	51	46	44	45	39	27
	3.56	405	58.1	50.5	2.2-3.3-4.9	2.8-4.1-6.9	3.3-4.9-8.4	4.0-6.0-10.1	39	55	50	48	50	46	34
	4.06	463	75.8	65.9	2.5-3.7-5.2	3.2-4.7-7.4	3.8-5.6-8.9	4.6-6.9-10.8	43	58	53	51	55	53	39
4.57	521	96.0	83.4	2.8-3.9-5.6	3.5-5.3-7.8	4.2-6.3-9.5	5.2-7.8-11.4	47	61	57	54	59	58	44	

Throw values are given for temperature differences shown 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 or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70. See Krueger's selection software for performance data not shown, including octave band data.