1330 Performance Data: Horizontal Throw

IP/METRIC DATA: 1330 (NO DAMPER)

IP Data							Metric Data					
Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw	NC	Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw
in	ft²	FPM	CFM	"WG	ft		mm	m²	m/s	L/s	Pa	m
6" x 4"	0.17	200	33	.018	2 - 5 - 9	-	152 x 102	0.02	1.02	16	4.5	0.7 - 1.5 - 2.8
		300	50	.040	5 - 8 - 11	-			1.52	24	10.1	1.5 - 2.4 - 3.4
		400	67	.072	8 - 9 - 13	13			2.03	31	17.9	2.3 - 2.8 - 4.0
		500	83	.112	8 - 10 - 15	19			2.54	39	28.0	2.6 - 3.1 - 4.4
		600	100	.162	9 - 11 - 16	25			3.05	47	40.3	2.8 - 3.4 - 4.9
		700	117	.220	10 - 12 - 17	29			3.56	55	54.8	3.0 - 3.7 - 5.2
		800	133	.288	11 - 13 - 18	33			4.06	63	71.6	3.2 - 4.0 - 5.6
		900	150	.364	11 - 14 - 20	37			4.57	71	90.6	3.4 - 4.2 - 5.9
		1000	167	.449	12 - 15 - 21	40			5.08	79	111.9	3.6 - 4.4 - 6.3
6" x 6"	0.25	200	50	.018	3 - 6 - 11	-	152 x 152	0.02	1.02	24	4.5	0.8 - 1.8 - 3.4
		300	75	.040	6 - 10 - 14	-			1.52	35	10.1	1.8 - 3.0 - 4.2
		400	100	.072	9 - 11 - 16	14			2.03	47	17.9	2.8 - 3.4 - 4.9
		500	125	.112	10 - 13 - 18	21			2.54	59	28.0	3.1 - 3.8 - 5.4
		600	150	.162	11 - 14 - 20	27			3.05	71	40.3	3.4 - 4.2 - 5.9
		700	175	.220	12 - 15 - 21	31			3.56	83	54.8	3.7 - 4.5 - 6.4
		800	200	.288	13 - 16 - 23	35			4.06	94	71.6	4.0 - 4.9 - 6.9
		900	225	.364	14 - 17 - 24	39			4.57	106	90.6	4.2 - 5.2 - 7.3
		1000	250	.449	15 - 18 - 25	42			5.08	118	111.9	4.4 - 5.4 - 7.7
8" x 6"	0.33	200	67	.018	3 - 7 - 13	-	203 x 152	0.03	1.02	31	4.5	0.9 - 2.1 - 4.0
		300	100	.040	7 - 11 - 16	-			1.52	47	10.1	2.1 - 3.4 - 4.9
		400	133	.072	11 - 13 - 18	16			2.03	63	17.9	3.2 - 4.0 - 5.6
		500	167	.112	12 - 15 - 21	22			2.54	79	28.0	3.6 - 4.4 - 6.3
		600	200	.162	13 - 16 - 23	28			3.05	94	40.3	4.0 - 4.9 - 6.9
		700	233	.220	14 - 17 - 24	32			3.56	110	54.8	4.3 - 5.2 - 7.4
		800	267	.288	15 - 18 - 26	37			4.06	126	71.6	4.6 - 5.6 - 7.9
		900	300	.364	16 - 20 - 28	40			4.57	142	90.6	4.9 - 5.9 - 8.4
		1000	333	.449	17 - 21 - 29	43			5.08	157	111.9	5.1 - 6.3 - 8.9
8" x 8"	0.44	200	89	.018	4 - 8 - 15	-	203 x 203	0.04	1.02	42	4.5	1.1 - 2.4 - 4.6
		300	133	.040	8 - 13 - 18	-			1.52	63	10.1	2.4 - 4.0 - 5.6
		400	178	.072	12 - 15 - 21	17			2.03	84	17.9	3.7 - 4.6 - 6.5
		500	222	.112	14 - 17 - 24	24			2.54	105	28.0	4.2 - 5.1 - 7.2
		600	267	.162	15 - 18 - 26	29			3.05	126	40.3	4.6 - 5.6 - 7.9
		700	311	.220	16 - 20 - 28	34			3.56	147	54.8	4.9 - 6.1 - 8.6
		800	356	.288	17 - 21 - 30	38			4.06	168	71.6	5.3 - 6.5 - 9.2
		900	400	.364	18 - 23 - 32	41			4.57	189	90.6	5.6 - 6.9 - 9.7
		1000	444	.449	19 - 24 - 34	44			5.08	210	111.9	5.9 - 7.2 - 10.2
8" x 10"	0.56	200	111	.018	4 - 9 - 17	-	203 x 254	0.05	1.02	52	4.5	1.2 - 2.7 - 5.1
		300	167	.040	9 - 15 - 21	-			1.52	79	10.1	2.7 - 4.4 - 6.3
		400	222	.072	14 - 17 - 24	18			2.03	105	17.9	4.2 - 5.1 - 7.2
		500	278	.112	15 - 19 - 27	25			2.54	131	28.0	4.7 - 5.7 - 8.1
		600	333	.162	17 - 21 - 29	30			3.05	157	40.3	5.1 - 6.3 - 8.9
		700	389	.220	18 - 22 - 32	35			3.56	184	54.8	5.5 - 6.8 - 9.6
		800	444	.288	19 - 24 - 34	39			4.06	210	71.6	5.9 - 7.2 - 10.2
		900	500	.364	21 - 25 - 36	42			4.57	236	90.6	6.3 - 7.7 - 10.9
		1000	556	.449	22 - 27 - 38	45			5.08	262	111.9	6.6 - 8.1 - 11.5
8" x 12"	0.67	200	133	.018	4 - 10 - 18	-	203 x 305	0.06	1.02	63	4.5	1.3 - 3.0 - 5.6
		300	200	.040	10 - 16 - 23	-			1.52	94	10.1	3.0 - 4.9 - 6.9
		400	267	.072	15 - 18 - 26	19			2.03	126	17.9	4.6 - 5.6 - 7.9
		500	333	.112	17 - 21 - 29	25			2.54	157	28.0	5.1 - 6.3 - 8.9
		600	400	.162	18 - 23 - 32	31			3.05	189	40.3	5.6 - 6.9 - 9.7
		700	467	.220	20 - 24 - 35	35			3.56	220	54.8	6.1 - 7.4 - 10.5
		800	533	.288	21 - 26 - 37	40			4.06	252	71.6	6.5 - 7.9 - 11.2
		900	600	.364	23 - 28 - 39	43			4.57	283	90.6	6.9 - 8.4 - 11.9
		1000	667	.449	24 - 29 - 41	46			5.08	315	111.9	7.2 - 8.9 - 12.5

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 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 program for performance data not shown, including octave band data.

1330 Performance Data: Horizontal Throw

IP/METRIC DATA: 1330 (NO DAMPER)

IP Data							Metric Data					
Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw	NC	Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw
in	ft²	FPM	CFM	"WG	ft		mm	m²	m/s	L/s	Pa	m
10" x 10"	0.69	200	139	.018	4 - 10 - 19	-	254 x 254	0.06	1.02	66	4.5	1.3 - 3.0 - 5.7
		300	208	.040	10 - 16 - 23	-			1.52	98	10.1	3.0 - 5.0 - 7.0
		400	278	.072	15 - 19 - 27	19			2.03	131	17.9	4.7 - 5.7 - 8.1
		500	347	.112	17 - 21 - 30	26			2.54	164	28.0	5.2 - 6.4 - 9.1
		600	417	.162	19 - 23 - 33	31			3.05	197	40.3	5.7 - 7.0 - 9.9
		700	486	.220	20 - 25 - 35	36			3.56	229	54.8	6.2 - 7.6 - 10.7
		800	556	.288	22 - 27 - 38	40			4.06	262	71.6	6.6 - 8.1 - 11.5
		900	625	.364	23 - 28 - 40	43			4.57	295	90.6	7.0 - 8.6 - 12.1
		1000	694	.449	24 - 30 - 42	46			5.08	328	111.9	7.4 - 9.1 - 12.8
10" x 12"	0.83	100	83	.005	1 - 3 - 11	-	254 x 305	0.08	0.51	39	1.1	0.4 - 0.8 - 3.3
		200	167	.018	5 - 11 - 21	-			1.02	79	4.5	1.5 - 3.3 - 6.3
		250	208	.028	8 - 16 - 23	-			1.27	98	7.0	2.3 - 5.0 - 7.0
		300	250	.040	11 - 18 - 25	11			1.52	118	10.1	3.3 - 5.4 - 7.7
		400	333	.072	17 - 21 - 29	20			2.03	157	17.9	5.1 - 6.3 - 8.9
		500	417	.112	19 - 23 - 33	26			2.54	197	28.0	5.7 - 7.0 - 9.9
		600	500	.162	21 - 25 - 36	32			3.05	236	40.3	6.3 - 7.7 - 10.9
		700	583	.220	22 - 27 - 39	36			3.56	275	54.8	6.8 - 8.3 - 11.7
		800	667	.288	24 - 29 - 41	40			4.06	315	71.6	7.2 - 8.9 - 12.5
10" x 14"	0.97	100	97	.004	1 - 3 - 12	-	254 x 356	0.09	0.51	46	1.1	0.4 - 0.9 - 3.6
		200	194	.017	5 - 12 - 22	-			1.02	92	4.3	1.6 - 3.6 - 6.8
		250	243	.027	8 - 18 - 25	-			1.27	115	6.6	2.5 - 5.4 - 7.6
		300	292	.038	12 - 19 - 27	12			1.52	138	9.6	3.6 - 5.9 - 8.3
		400	389	.068	18 - 22 - 32	20			2.03	184	17.0	5.5 - 6.8 - 9.6
		500	486	.107	20 - 25 - 35	27			2.54	229	26.6	6.2 - 7.6 - 10.7
		600	583	.154	22 - 27 - 39	33			3.05	275	38.3	6.8 - 8.3 - 11.7
		700	681	.209	24 - 29 - 42	37			3.56	321	52.1	7.3 - 9.0 - 12.7
		800	778	.273	26 - 32 - 45	41			4.06	367	68.1	7.8 - 9.6 - 13.5
12" x 12"	1.00	100	100	.004	1 - 3 - 12	-	305 x 305	0.09	0.51	47	1.1	0.4 - 0.9 - 3.6
		200	200	.017	5 - 12 - 23	-			1.02	94	4.3	1.6 - 3.6 - 6.9
		250	250	.027	8 - 18 - 25	-			1.27	118	6.6	2.5 - 5.4 - 7.7
		300	300	.038	12 - 20 - 28	12			1.52	142	9.6	3.6 - 5.9 - 8.4
		400	400	.068	18 - 23 - 32	20			2.03	189	17.0	5.6 - 6.9 - 9.7
		500	500	.107	21 - 25 - 36	27			2.54	236	26.6	6.3 - 7.7 - 10.9
		600	600	.154	23 - 28 - 39	33			3.05	283	38.3	6.9 - 8.4 - 11.9
		700	700	.209	24 - 30 - 42	37			3.56	330	52.1	7.4 - 9.1 - 12.9
		800	800	.273	26 - 32 - 45	41			4.06	378	68.1	7.9 - 9.7 - 13.7
12" x 14"	1.17	100	117	.004	1 - 3 - 13	-	305 x 356	0.11	0.51	55	1.1	0.4 - 1.0 - 3.9
		200	233	.017	6 - 13 - 24	-			1.02	110	4.3	1.7 - 3.9 - 7.4
		250	292	.027	9 - 19 - 27	-			1.27	138	6.6	2.7 - 5.9 - 8.3
		300	350	.038	13 - 21 - 30	12			1.52	165	9.6	3.9 - 6.4 - 9.1
		400	467	.068	20 - 24 - 35	21			2.03	220	17.0	6.1 - 7.4 - 10.5
		500	583	.107	22 - 27 - 39	28			2.54	275	26.6	6.8 - 8.3 - 11.7
		600	700	.154	24 - 30 - 42	33			3.05	330	38.3	7.4 - 9.1 - 12.9
		700	817	.209	26 - 32 - 46	38			3.56	385	52.1	8.0 - 9.8 - 13.9
		800	933	.273	28 - 35 - 49	42			4.06	440	68.1	8.6 - 10.5 - 14.8
12" x 16"	1.33	100	133	.004	2 - 3 - 14	-	305 x 406	0.12	0.51	63	1.1	0.5 - 1.0 - 4.2
		200	267	.017	6 - 14 - 26	-			1.02	126	4.3	1.9 - 4.2 - 7.9
		250	333	.027	10 - 21 - 29	-			1.27	157	6.6	2.9 - 6.3 - 8.9
		300	400	.038	14 - 23 - 32	13			1.52	189	9.6	4.2 - 6.9 - 9.7
		400	533	.068	21 - 26 - 37	22			2.03	252	17.0	6.5 - 7.9 - 11.2
		500	667	.107	24 - 29 - 41	28			2.54	315	26.6	7.2 - 8.9 - 12.5
		600	800	.154	26 - 32 - 45	34			3.05	378	38.3	7.9 - 9.7 - 13.7
		700	933	.209	28 - 35 - 49	39			3.56	440	52.1	8.6 - 10.5 - 14.8
		800	1067	.273	30 - 37 - 52	43			4.06	503	68.1	9.2 - 11.2 - 15.9

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 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 program for performance data not shown, including octave band data.

1330 Performance Data: Horizontal Throw

IP/METRIC DATA: 1330 (NO DAMPER)

IP Data							Metric Data					
Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw	NC	Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw
in	ft²	FPM	CFM	"WG	ft		mm	m²	m/s	L/s	Pa	m
14" x 14"	1.36	100	136	.004	2 - 3 - 14	-	356 x 356	0.13	0.51	64	1.1	0.5 - 1.1 - 4.2
		200	272	.017	6 - 14 - 26	-			1.02	128	4.3	1.9 - 4.2 - 8.0
		250	340	.027	10 - 21 - 29	-			1.27	161	6.6	2.9 - 6.3 - 9.0
		300	408	.038	14 - 23 - 32	13			1.52	193	9.6	4.2 - 6.9 - 9.8
		400	544	.068	22 - 26 - 37	22			2.03	257	17.0	6.5 - 8.0 - 11.3
		500	681	.107	24 - 29 - 42	28			2.54	321	26.6	7.3 - 9.0 - 12.7
		600	817	.154	26 - 32 - 46	34			3.05	385	38.3	8.0 - 9.8 - 13.9
		700	953	.209	28 - 35 - 49	39			3.56	450	52.1	8.7 - 10.6 - 15.0
		800	1089	.273	30 - 37 - 53	43			4.06	514	68.1	9.3 - 11.3 - 16.0
14" x 16"	1.56	100	156	.004	2 - 4 - 15	-	356 x 406	0.14	0.51	73	1.1	0.5 - 1.1 - 4.5
		200	311	.017	7 - 15 - 28	-			1.02	147	4.3	2.0 - 4.5 - 8.6
		250	389	.027	10 - 22 - 32	-			1.27	184	6.6	3.1 - 6.8 - 9.6
		300	467	.038	15 - 24 - 35	14			1.52	220	9.6	4.5 - 7.4 - 10.5
		400	622	.068	23 - 28 - 40	22			2.03	294	17.0	7.0 - 8.6 - 12.1
		500	778	.107	26 - 32 - 45	29			2.54	367	26.6	7.8 - 9.6 - 13.5
		600	933	.154	28 - 35 - 49	35			3.05	440	38.3	8.6 - 10.5 - 14.8
		700	1089	.209	30 - 37 - 53	39			3.56	514	52.1	9.3 - 11.3 - 16.0
		800	1244	.273	33 - 40 - 56	43			4.06	587	68.1	9.9 - 12.1 - 17.1
14" x 18"	1.75	100	175	.005	2 - 4 - 16	-	356 x 457	0.16	0.51	83	1.1	0.5 - 1.2 - 4.8
		200	350	.018	7 - 16 - 30	-			1.02	165	4.5	2.1 - 4.8 - 9.1
		250	438	.028	11 - 24 - 33	-			1.27	206	7.0	3.3 - 7.2 - 10.2
		300	525	.040	16 - 26 - 37	14			1.52	248	10.1	4.8 - 7.9 - 11.1
		400	700	.072	24 - 30 - 42	23			2.03	330	17.9	7.4 - 9.1 - 12.9
		500	875	.112	27 - 33 - 47	30			2.54	413	28.0	8.3 - 10.2 - 14.4
		600	1050	.162	30 - 37 - 52	35			3.05	496	40.3	9.1 - 11.1 - 15.7
		700	1225	.220	32 - 40 - 56	40			3.56	578	54.8	9.8 - 12.0 - 17.0
		800	1400	.288	35 - 42 - 60	44			4.06	661	71.6	10.5 - 12.9 - 18.2
16" x 16"	1.78	100	178	.004	2 - 4 - 16	-	406 x 406	0.17	0.51	84	1.1	0.5 - 1.2 - 4.8
		200	356	.017	7 - 16 - 30	-			1.02	168	4.3	2.2 - 4.8 - 9.2
		250	444	.027	11 - 24 - 34	-			1.27	210	6.6	3.4 - 7.2 - 10.2
		300	533	.038	16 - 26 - 37	14			1.52	252	9.6	4.8 - 7.9 - 11.2
		400	711	.068	25 - 30 - 43	23			2.03	336	17.0	7.5 - 9.2 - 13.0
		500	889	.107	28 - 34 - 48	30			2.54	420	26.6	8.4 - 10.2 - 14.5
		600	1067	.154	30 - 37 - 52	35			3.05	503	38.3	9.2 - 11.2 - 15.9
		700	1244	.209	33 - 40 - 56	40			3.56	587	52.1	9.9 - 12.1 - 17.1
		800	1422	.273	35 - 43 - 60	44			4.06	671	68.1	10.6 - 13.0 - 18.3
14" x 20"	1.94	100	194	.004	2 - 4 - 17	-	356 x 508	0.18	0.51	92	1.1	0.6 - 1.3 - 5.1
		200	389	.017	7 - 17 - 32	-			1.02	184	4.3	2.3 - 5.1 - 9.6
		250	486	.027	12 - 25 - 35	-			1.27	229	6.6	3.5 - 7.6 - 10.7
		300	583	.038	17 - 27 - 39	15			1.52	275	9.6	5.1 - 8.3 - 11.7
		400	778	.068	26 - 32 - 45	23			2.03	367	17.0	7.8 - 9.6 - 13.5
		500	972	.107	29 - 35 - 50	30			2.54	459	26.6	8.7 - 10.7 - 15.1
		600	1167	.154	32 - 39 - 55	36			3.05	551	38.3	9.6 - 11.7 - 16.6
		700	1361	.209	34 - 42 - 59	40			3.56	642	52.1	10.3 - 12.7 - 17.9
		800	1556	.273	36 - 45 - 63	44			4.06	734	68.1	11.1 - 13.5 - 19.2
14" x 22"	2.14	100	214	.004	2 - 4 - 17	-	356 x 559	0.20	0.51	101	1.1	0.6 - 1.3 - 5.3
		200	428	.017	8 - 17 - 33	-			1.02	202	4.3	2.4 - 5.3 - 10.0
		250	535	.027	12 - 26 - 37	-			1.27	252	6.6	3.7 - 7.9 - 11.2
		300	642	.038	17 - 29 - 40	15			1.52	303	9.6	5.3 - 8.7 - 12.3
		400	856	.068	27 - 33 - 47	24			2.03	404	17.0	8.2 - 10.0 - 14.2
		500	1069	.107	30 - 37 - 52	30			2.54	505	26.6	9.2 - 11.2 - 15.9
		600	1283	.154	33 - 40 - 57	36			3.05	606	38.3	10.0 - 12.3 - 17.4
		700	1497	.209	36 - 44 - 62	41			3.56	707	52.1	10.9 - 13.3 - 18.8
		800	1711	.273	38 - 47 - 66	45			4.06	808	68.1	11.6 - 14.2 - 20.1

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 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 program for performance data not shown, including octave band data.

1330 Performance Data: Horizontal Throw

IP/METRIC DATA: 1330 (NO DAMPER)

IP Data							Metric Data					
Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw	NC	Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw
in	ft²	FPM	CFM	"WG	ft		mm	m²	m/s	L/s	Pa	m
16" x 20"	2.22	100	222	.004	2 - 4 - 18	-	406 x 508	0.21	0.51	105	1.1	0.6 - 1.4 - 5.4
		200	444	.017	8 - 18 - 34	-			1.02	210	4.3	2.4 - 5.4 - 10.2
		250	556	.027	12 - 27 - 38	-			1.27	262	6.6	3.8 - 8.1 - 11.5
		300	667	.038	18 - 29 - 41	15			1.52	315	9.6	5.4 - 8.9 - 12.5
		400	889	.068	28 - 34 - 48	24			2.03	420	17.0	8.4 - 10.2 - 14.5
		500	1111	.107	31 - 38 - 53	31			2.54	524	26.6	9.3 - 11.5 - 16.2
		600	1333	.154	34 - 41 - 58	36			3.05	629	38.3	10.2 - 12.5 - 17.7
		700	1556	.209	36 - 45 - 63	41			3.56	734	52.1	11.1 - 13.5 - 19.2
		800	1778	.273	39 - 48 - 67	45			4.06	839	68.1	11.8 - 14.5 - 20.5
16" x 22"	2.44	100	244	.004	2 - 5 - 19	-	406 x 559	0.23	0.51	115	1.1	0.6 - 1.4 - 5.7
		200	489	.017	8 - 19 - 35	-			1.02	231	4.3	2.5 - 5.7 - 10.7
		250	611	.027	13 - 28 - 40	-			1.27	288	6.6	3.9 - 8.5 - 12.0
		300	733	.038	19 - 31 - 43	16			1.52	346	9.6	5.7 - 9.3 - 13.2
		400	978	.068	29 - 35 - 50	24			2.03	461	17.0	8.8 - 10.7 - 15.2
		500	1222	.107	32 - 40 - 56	31			2.54	577	26.6	9.8 - 12.0 - 17.0
		600	1467	.154	35 - 43 - 61	37			3.05	692	38.3	10.7 - 13.2 - 18.6
		700	1711	.209	38 - 47 - 66	41			3.56	808	52.1	11.6 - 14.2 - 20.1
		800	1956	.273	41 - 50 - 71	45			4.06	923	68.1	12.4 - 15.2 - 21.5
18" x 20"	2.50	100	250	.004	2 - 5 - 19	-	457 x 508	0.23	0.51	118	1.1	0.6 - 1.4 - 5.7
		200	500	.017	8 - 19 - 36	-			1.02	236	4.3	2.6 - 5.7 - 10.9
		250	625	.027	13 - 28 - 40	-			1.27	295	6.6	4.0 - 8.6 - 12.1
		300	750	.038	19 - 31 - 44	16			1.52	354	9.6	5.7 - 9.4 - 13.3
		400	1000	.068	29 - 36 - 51	24			2.03	472	17.0	8.9 - 10.9 - 15.4
		500	1250	.107	33 - 40 - 57	31			2.54	590	26.6	9.9 - 12.1 - 17.2
		600	1500	.154	36 - 44 - 62	37			3.05	708	38.3	10.9 - 13.3 - 18.8
		700	1750	.209	39 - 47 - 67	41			3.56	826	52.1	11.7 - 14.4 - 20.3
		800	2000	.273	41 - 51 - 71	45			4.06	944	68.1	12.5 - 15.4 - 21.7
20" x 20"	2.78	100	278	.005	2 - 5 - 20	-	508 x 508	0.26	0.51	131	1.1	0.7 - 1.5 - 6.1
		200	556	.018	9 - 20 - 38	-			1.02	262	4.5	2.7 - 6.1 - 11.5
		250	694	.028	14 - 30 - 42	11			1.27	328	7.0	4.2 - 9.1 - 12.8
		300	833	.040	20 - 33 - 46	16			1.52	393	10.1	6.1 - 9.9 - 14.0
		400	1111	.072	31 - 38 - 53	25			2.03	524	17.9	9.3 - 11.5 - 16.2
		500	1389	.112	34 - 42 - 60	32			2.54	655	28.0	10.5 - 12.8 - 18.1
		600	1667	.162	38 - 46 - 65	37			3.05	787	40.3	11.5 - 14.0 - 19.8
		700	1944	.220	41 - 50 - 70	42			3.56	918	54.8	12.4 - 15.1 - 21.4
		800	2222	.288	43 - 53 - 75	46			4.06	1049	71.6	13.2 - 16.2 - 22.9
20" x 22"	3.06	100	306	.004	2 - 5 - 21	-	508 x 559	0.28	0.51	144	1.1	0.7 - 1.6 - 6.4
		200	611	.017	9 - 21 - 40	-			1.02	288	4.3	2.8 - 6.4 - 12.0
		250	764	.027	15 - 31 - 44	11			1.27	361	6.6	4.4 - 9.5 - 13.4
		300	917	.038	21 - 34 - 48	17			1.52	433	9.6	6.4 - 10.4 - 14.7
		400	1222	.068	32 - 40 - 56	25			2.03	577	17.0	9.8 - 12.0 - 17.0
		500	1528	.107	36 - 44 - 62	32			2.54	721	26.6	11.0 - 13.4 - 19.0
		600	1833	.154	40 - 48 - 68	37			3.05	865	38.3	12.0 - 14.7 - 20.8
		700	2139	.209	43 - 52 - 74	42			3.56	1009	52.1	13.0 - 15.9 - 22.5
		800	2444	.273	46 - 56 - 79	46			4.06	1154	68.1	13.9 - 17.0 - 24.0
22" x 22"	3.36	100	336	.004	2 - 5 - 22	-	559 x 559	0.31	0.51	159	1.1	0.7 - 1.7 - 6.7
		200	672	.017	10 - 22 - 41	-			1.02	317	4.3	3.0 - 6.7 - 12.6
		250	840	.027	15 - 33 - 46	12			1.27	397	6.6	4.6 - 10.0 - 14.1
		300	1008	.038	22 - 36 - 51	17			1.52	476	9.6	6.7 - 10.9 - 15.4
		400	1344	.068	34 - 41 - 59	26			2.03	635	17.0	10.3 - 12.6 - 17.8
		450	1513	.086	36 - 44 - 62	29			2.29	714	21.5	10.9 - 13.4 - 18.9
		500	1681	.107	38 - 46 - 66	32			2.54	793	26.6	11.5 - 14.1 - 19.9
		600	2017	.154	41 - 51 - 72	38			3.05	952	38.3	12.6 - 15.4 - 21.8
		700	2353	.209	45 - 55 - 78	43			3.56	1110	52.1	13.6 - 16.7 - 23.6

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 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 program for performance data not shown, including octave band data.

1330 Performance Data: Horizontal Throw

IP/METRIC DATA: 1330 (NO DAMPER)

IP Data							Metric Data					
Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw	NC	Nom Duct	Duct Area	Neck Vel	Air Flow	Pt	Throw
in	ft²	FPM	CFM	"WG	ft		mm	m²	m/s	L/s	Pa	m
24" x 24"	4.00	100	400	.004	3 - 6 - 24	-	610 x 610	0.37	0.51	189	1.1	0.8 - 1.8 - 7.3
		200	800	.017	11 - 24 - 45	-			1.02	378	4.3	3.2 - 7.3 - 13.7
		250	1000	.027	17 - 36 - 51	12			1.27	472	6.6	5.0 - 10.9 - 15.4
		300	1200	.038	24 - 39 - 55	18			1.52	566	9.6	7.3 - 11.9 - 16.8
		400	1600	.068	37 - 45 - 64	26			2.03	755	17.0	11.2 - 13.7 - 19.4
		450	1800	.086	39 - 48 - 68	30			2.29	850	21.5	11.9 - 14.6 - 20.6
		500	2000	.107	41 - 51 - 71	33			2.54	944	26.6	12.5 - 15.4 - 21.7
		600	2400	.154	45 - 55 - 78	39			3.05	1133	38.3	13.7 - 16.8 - 23.8
		700	2800	.209	49 - 60 - 85	43			3.56	1321	52.1	14.8 - 18.2 - 25.7
26" x 26"	4.69	100	469	.004	3 - 6 - 26	-	660 x 660	0.44	0.51	222	1.1	0.9 - 2.0 - 7.9
		200	939	.017	12 - 26 - 49	-			1.02	443	4.3	3.5 - 7.9 - 14.9
		250	1174	.027	18 - 39 - 55	13			1.27	554	6.6	5.5 - 11.8 - 16.6
		300	1408	.038	26 - 42 - 60	18			1.52	665	9.6	7.9 - 12.9 - 18.2
		400	1878	.068	40 - 49 - 69	27			2.03	886	17.0	12.2 - 14.9 - 21.1
		450	2113	.086	42 - 52 - 73	31			2.29	997	21.5	12.9 - 15.8 - 22.3
		500	2347	.107	45 - 55 - 77	34			2.54	1108	26.6	13.6 - 16.6 - 23.5
		600	2817	.154	49 - 60 - 85	39			3.05	1329	38.3	14.9 - 18.2 - 25.8
		700	3286	.209	53 - 65 - 92	44			3.56	1551	52.1	16.1 - 19.7 - 27.8
28" x 28"	5.44	100	544	.004	3 - 7 - 28	-	711 x 711	0.51	0.51	257	1.1	0.9 - 2.1 - 8.5
		200	1089	.017	12 - 28 - 53	-			1.02	514	4.3	3.8 - 8.5 - 16.0
		250	1361	.027	19 - 42 - 59	14			1.27	642	6.6	5.9 - 12.7 - 17.9
		300	1633	.038	28 - 46 - 65	19			1.52	771	9.6	8.5 - 13.9 - 19.6
		400	2178	.068	43 - 53 - 75	28			2.03	1028	17.0	13.1 - 16.0 - 22.7
		450	2450	.086	46 - 56 - 79	31			2.29	1156	21.5	13.9 - 17.0 - 24.0
		500	2722	.107	48 - 59 - 83	35			2.54	1285	26.6	14.6 - 17.9 - 25.3
		600	3267	.154	53 - 65 - 91	40			3.05	1542	38.3	16.0 - 19.6 - 27.8
		700	3811	.209	57 - 70 - 99	45			3.56	1799	52.1	17.3 - 21.2 - 30.0
30" x 30"	6.25	100	625	.004	3 - 7 - 30	-	762 x 762	0.58	0.51	295	1.1	1.0 - 2.3 - 9.1
		200	1250	.017	13 - 30 - 57	-			1.02	590	4.3	4.0 - 9.1 - 17.2
		250	1563	.027	21 - 45 - 63	14			1.27	737	6.6	6.3 - 13.6 - 19.2
		300	1875	.038	30 - 49 - 69	20			1.52	885	9.6	9.1 - 14.9 - 21.0
		400	2500	.068	46 - 57 - 80	28			2.03	1180	17.0	14.0 - 17.2 - 24.3
		450	2813	.086	49 - 60 - 85	32			2.29	1327	21.5	14.9 - 18.2 - 25.8
		500	3125	.107	52 - 63 - 89	35			2.54	1475	26.6	15.7 - 19.2 - 27.2
		600	3750	.154	57 - 69 - 98	41			3.05	1770	38.3	17.2 - 21.0 - 29.7
		700	4375	.209	61 - 75 - 106	45			3.56	2065	52.1	18.6 - 22.7 - 32.1

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 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 program for performance data not shown, including octave band data.