

6400, 56400 (Supply) Performance Data: Horizontal Throw

IP/METRIC DATA: 6400, 56400, 12"x12" PANEL, 4-WAY (NO DAMPER)

	IP Data					NC	Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Ps	Pt	4-Way Throw		Neck Vel	Air Flow	Ps	Pt	4-Way Throw							
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m	2	3	4	5	6	7	
6" x 6"	300	75	0.011	0.017	1 - 2 - 4	-	1.52	35	2.7	4.1	0.2 - 0.5 - 1.2	-	-	-	-	-	-	
	400	100	0.019	0.029	1 - 3 - 5	-	2.03	47	4.8	7.3	0.4 - 0.8 - 1.6	13	17	19	16	11	-	
	500	125	0.030	0.046	2 - 3 - 7	13	2.54	59	7.6	11.4	0.7 - 1.0 - 2.0	20	24	26	23	18	13	
	600	150	0.044	0.066	3 - 4 - 8	19	3.05	71	10.9	16.5	0.8 - 1.2 - 2.4	26	30	32	29	24	19	
	700	175	0.060	0.090	3 - 5 - 9	23	3.56	83	14.8	22.4	0.9 - 1.4 - 2.8	30	34	36	33	28	23	
	800	200	0.078	0.118	3 - 5 - 10	28	4.06	94	19.4	29.3	1.1 - 1.6 - 3.2	35	39	41	38	33	28	
	900	225	0.098	0.149	4 - 6 - 12	31	4.57	106	24.5	37.1	1.2 - 1.8 - 3.5	38	42	44	41	36	31	
	1000	250	0.122	0.184	4 - 7 - 12	35	5.08	118	30.3	45.8	1.3 - 2.0 - 3.7	42	46	48	45	40	35	
	1100	275	0.147	0.223	5 - 7 - 13	38	5.59	83	36.6	22.4	1.4 - 2.2 - 3.9	45	49	51	48	43	38	

IP/METRIC DATA: 6400, 56400, 12"x12" PANEL, 1 - 3-WAY (NO DAMPER)

	IP Data					Metric Data				
	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw
	FPM	CFM	ft	ft	ft	m/s	L/s	m	m	m
6" x 6"	300	75	1 - 2 - 8	1 - 2 - 6	1 - 3 - 5	1.52	35	0.3 - 0.7 - 2.5	0.3 - 0.7 - 1.8	0.4 - 0.8 - 1.6
	400	100	2 - 4 - 11	2 - 4 - 8	2 - 3 - 7	2.03	47	0.5 - 1.2 - 3.3	0.5 - 1.2 - 2.4	0.6 - 1.0 - 2.1
	500	125	3 - 6 - 14	3 - 5 - 10	3 - 4 - 9	2.54	59	0.8 - 1.9 - 4.2	0.8 - 1.5 - 3.0	0.9 - 1.3 - 2.6
	600	150	4 - 8 - 17	4 - 6 - 12	3 - 5 - 10	3.05	71	1.2 - 2.5 - 5.0	1.2 - 1.8 - 3.6	1.0 - 1.6 - 3.1
	700	175	5 - 10 - 19	5 - 7 - 14	4 - 6 - 12	3.56	83	1.7 - 2.9 - 5.7	1.4 - 2.1 - 4.3	1.2 - 1.8 - 3.6
	800	200	7 - 11 - 20	5 - 8 - 16	5 - 7 - 14	4.06	94	2.2 - 3.3 - 6.1	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	900	225	8 - 12 - 21	6 - 9 - 18	5 - 8 - 15	4.57	106	2.5 - 3.8 - 6.4	1.8 - 2.7 - 5.5	1.6 - 2.3 - 4.5
	1000	250	9 - 14 - 22	7 - 10 - 19	6 - 9 - 16	5.08	118	2.8 - 4.2 - 6.8	2.0 - 3.0 - 5.8	1.7 - 2.6 - 4.8
	1100	275	10 - 15 - 23	7 - 11 - 20	6 - 9 - 16	5.59	130	3.1 - 4.6 - 7.1	2.2 - 3.3 - 6.1	1.9 - 2.8 - 5.0

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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. The throw values given for 1-Way Throw is for [Total CFM] CFM per side (L/s). The throw values given for 2-Way Throw is for [Total CFM/2] CFM per side (L/s). The throw values given for 3-Way Throw is for [Total CFM/3] CFM per side (L/s). The throw values given for 4-Way Throw is for [Total CFM/4] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.

PERFORATED FACE DIFFUSERS

6400 - 56400

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6400 (Supply) Performance Data: Horizontal Throw
IP/METRIC DATA: 6400, 16"x16" PANEL, 4-WAY (NO DAMPER)

	IP Data					NC	Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Ps	Pt	4-Way Throw		Neck Vel	Air Flow	Ps	Pt	4-Way Throw	2	3	4	5	6	7	
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m							
6" x 6"	300	75	0.011	0.017	1 - 2 - 4	-	1.52	35	2.7	4.1	0.2 - 0.5 - 1.2	-	-	-	-	-	-	
	400	100	0.019	0.029	1 - 3 - 5	-	2.03	47	4.8	7.3	0.4 - 0.8 - 1.6	13	17	19	16	11	-	
	500	125	0.030	0.046	2 - 3 - 7	13	2.54	59	7.6	11.4	0.7 - 1.0 - 2.0	20	24	26	23	18	13	
	600	150	0.044	0.066	3 - 4 - 8	19	3.05	71	10.9	16.5	0.8 - 1.2 - 2.4	26	30	32	29	24	19	
	700	175	0.060	0.090	3 - 5 - 9	23	3.56	83	14.8	22.4	0.9 - 1.4 - 2.8	30	34	36	33	28	23	
	800	200	0.078	0.118	3 - 5 - 10	28	4.06	94	19.4	29.3	1.1 - 1.6 - 3.2	35	39	41	38	33	28	
	900	225	0.098	0.149	4 - 6 - 12	31	4.57	106	24.5	37.1	1.2 - 1.8 - 3.5	38	42	44	41	36	31	
	1000	250	0.122	0.184	4 - 7 - 12	35	5.08	118	30.3	45.8	1.3 - 2.0 - 3.7	42	46	48	45	40	35	
	1100	275	0.147	0.223	5 - 7 - 13	38	5.59	130	36.6	55.4	1.4 - 2.2 - 3.9	45	49	51	48	43	38	
8" x 8"	200	89	0.006	0.008	0 - 1 - 3	-	1.02	42	1.5	2.1	0.1 - 0.3 - 1.1	-	-	-	-	-	-	
	300	133	0.013	0.019	1 - 2 - 5	-	1.52	63	3.3	4.7	0.3 - 0.7 - 1.6	10	14	16	13	8	-	
	400	178	0.024	0.034	2 - 3 - 7	12	2.03	84	5.9	8.4	0.6 - 1.1 - 2.1	19	23	25	22	17	12	
	500	222	0.037	0.052	3 - 4 - 9	19	2.54	105	9.2	13.0	0.9 - 1.3 - 2.6	26	30	32	29	24	19	
	600	267	0.053	0.075	3 - 5 - 10	25	3.05	126	13.2	18.8	1.1 - 1.6 - 3.2	32	36	38	35	30	25	
	700	311	0.072	0.103	4 - 6 - 12	29	3.56	147	18.0	25.6	1.2 - 1.8 - 3.7	36	40	42	39	34	29	
	800	356	0.094	0.134	5 - 7 - 14	34	4.06	168	23.5	33.4	1.4 - 2.1 - 4.2	41	45	47	44	39	34	
	900	400	0.119	0.170	5 - 8 - 16	37	4.57	189	29.7	42.3	1.6 - 2.4 - 4.7	44	48	50	47	42	37	
	1000	444	0.147	0.210	6 - 9 - 16	41	5.08	210	36.7	52.2	1.8 - 2.6 - 5.0	48	52	54	51	46	41	

IP/METRIC DATA: 6400, 16"x16" PANEL, 1 - 3-WAY (NO DAMPER)

	IP Data					Metric Data				
	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw
	FPM	CFM	ft	ft	ft	m/s	L/s	m	m	m
6" x 6"	300	75	1 - 2 - 8	1 - 2 - 6	1 - 3 - 5	1.52	35	0.3 - 0.7 - 2.5	0.3 - 0.7 - 1.8	0.4 - 0.8 - 1.6
	400	100	2 - 4 - 11	2 - 4 - 8	2 - 3 - 7	2.03	47	0.5 - 1.2 - 3.3	0.5 - 1.2 - 2.4	0.6 - 1.0 - 2.1
	500	125	3 - 6 - 14	3 - 5 - 10	3 - 4 - 9	2.54	59	0.8 - 1.9 - 4.2	0.8 - 1.5 - 3.0	0.9 - 1.3 - 2.6
	600	150	4 - 8 - 17	4 - 6 - 12	3 - 5 - 10	3.05	71	1.2 - 2.5 - 5.0	1.2 - 1.8 - 3.6	1.0 - 1.6 - 3.1
	700	175	5 - 10 - 19	5 - 7 - 14	4 - 6 - 12	3.56	83	1.7 - 2.9 - 5.7	1.4 - 2.1 - 4.3	1.2 - 1.8 - 3.6
	800	200	7 - 11 - 20	5 - 8 - 16	5 - 7 - 14	4.06	94	2.2 - 3.3 - 6.1	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	900	225	8 - 12 - 21	6 - 9 - 18	5 - 8 - 15	4.57	106	2.5 - 3.8 - 6.4	1.8 - 2.7 - 5.5	1.6 - 2.3 - 4.5
	1000	250	9 - 14 - 22	7 - 10 - 19	6 - 9 - 16	5.08	118	2.8 - 4.2 - 6.8	2.0 - 3.0 - 5.8	1.7 - 2.6 - 4.8
	1100	275	10 - 15 - 23	7 - 11 - 20	6 - 9 - 16	5.59	130	3.1 - 4.6 - 7.1	2.2 - 3.3 - 6.1	1.9 - 2.8 - 5.0
8" x 8"	200	89	1 - 1 - 5	1 - 1 - 5	1 - 2 - 5	1.02	42	0.2 - 0.4 - 1.6	0.2 - 0.4 - 1.6	0.2 - 0.5 - 1.4
	300	133	1 - 3 - 11	1 - 3 - 8	2 - 3 - 7	1.52	63	0.4 - 0.9 - 3.3	0.4 - 0.9 - 2.4	0.5 - 1.0 - 2.1
	400	178	2 - 5 - 15	2 - 5 - 11	3 - 5 - 9	2.03	84	0.7 - 1.6 - 4.5	0.7 - 1.6 - 3.2	0.9 - 1.4 - 2.8
	500	222	4 - 8 - 18	4 - 7 - 13	4 - 6 - 11	2.54	105	1.1 - 2.5 - 5.6	1.1 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	600	267	5 - 11 - 22	5 - 8 - 16	5 - 7 - 14	3.05	126	1.6 - 3.3 - 6.7	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	700	311	7 - 13 - 25	6 - 9 - 19	5 - 8 - 16	3.56	147	2.2 - 3.9 - 7.6	1.9 - 2.8 - 5.7	1.6 - 2.4 - 4.8
	800	356	9 - 15 - 27	7 - 11 - 21	6 - 9 - 18	4.06	168	2.9 - 4.5 - 8.1	2.2 - 3.2 - 6.5	1.8 - 2.8 - 5.5
	900	400	11 - 17 - 28	8 - 12 - 24	7 - 10 - 20	4.57	189	3.3 - 5.0 - 8.6	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.0
	1000	444	12 - 18 - 30	9 - 13 - 25	8 - 11 - 21	5.08	210	3.7 - 5.6 - 9.1	2.7 - 4.1 - 7.7	2.3 - 3.4 - 6.3

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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. The throw values given for 1-Way Throw is for [Total CFM] CFM per side (L/s). The throw values given for 2-Way Throw is for [Total CFM/2] CFM per side (L/s). The throw values given for 3-Way Throw is for [Total CFM/3] CFM per side (L/s). The throw values given for 4-Way Throw is for [Total CFM/4] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.

6400 (Supply) Performance Data: Horizontal Throw

IP/METRIC DATA: 6400, 20"x20" PANEL, 4-WAY (NO DAMPER)

	IP Data					NC	Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Ps	Pt	4-Way Throw		Neck Vel	Air Flow	Ps	Pt	4-Way Throw							
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m	2	3	4	5	6	7	
6" x 6"	300	75	0.011	0.017	1 - 2 - 4	-	1.52	35	2.7	4.1	0.2 - 0.5 - 1.2	-	-	-	-	-	-	
	400	100	0.019	0.029	1 - 3 - 5	-	2.03	47	4.8	7.3	0.4 - 0.8 - 1.6	13	17	19	16	11	-	
	500	125	0.030	0.046	2 - 3 - 7	13	2.54	59	7.6	11.4	0.7 - 1.0 - 2.0	20	24	26	23	18	13	
	600	150	0.044	0.066	3 - 4 - 8	19	3.05	71	10.9	16.5	0.8 - 1.2 - 2.4	26	30	32	29	24	19	
	700	175	0.060	0.090	3 - 5 - 9	23	3.56	83	14.8	22.4	0.9 - 1.4 - 2.8	30	34	36	33	28	23	
	800	200	0.078	0.118	3 - 5 - 10	28	4.06	94	19.4	29.3	1.1 - 1.6 - 3.2	35	39	41	38	33	28	
	900	225	0.098	0.149	4 - 6 - 12	31	4.57	106	24.5	37.1	1.2 - 1.8 - 3.5	38	42	44	41	36	31	
	1000	250	0.122	0.184	4 - 7 - 12	35	5.08	118	30.3	45.8	1.3 - 2.0 - 3.7	42	46	48	45	40	35	
	1100	275	0.147	0.223	5 - 7 - 13	38	5.59	130	36.6	55.4	1.4 - 2.2 - 3.9	45	49	51	48	43	38	
8" x 8"	200	89	0.006	0.008	0 - 1 - 3	-	1.02	42	1.5	2.1	0.1 - 0.3 - 1.1	-	-	-	-	-	-	
	300	133	0.013	0.019	1 - 2 - 5	-	1.52	63	3.3	4.7	0.3 - 0.7 - 1.6	10	14	16	13	8	-	
	400	178	0.024	0.034	2 - 3 - 7	12	2.03	84	5.9	8.4	0.6 - 1.1 - 2.1	19	23	25	22	17	12	
	500	222	0.037	0.052	3 - 4 - 9	19	2.54	105	9.2	13.0	0.9 - 1.3 - 2.6	26	30	32	29	24	19	
	600	267	0.053	0.075	3 - 5 - 10	25	3.05	126	13.2	18.8	1.1 - 1.6 - 3.2	32	36	38	35	30	25	
	700	311	0.072	0.103	4 - 6 - 12	29	3.56	147	18.0	25.6	1.2 - 1.8 - 3.7	36	40	42	39	34	29	
	800	356	0.094	0.134	5 - 7 - 14	34	4.06	168	23.5	33.4	1.4 - 2.1 - 4.2	41	45	47	44	39	34	
	900	400	0.119	0.170	5 - 8 - 16	37	4.57	189	29.7	42.3	1.6 - 2.4 - 4.7	44	48	50	47	42	37	
	1000	444	0.147	0.210	6 - 9 - 16	41	5.08	210	36.7	52.2	1.8 - 2.6 - 5.0	48	52	54	51	46	41	
10" x 10"	200	139	0.007	0.010	1 - 1 - 4	-	1.02	66	1.8	2.4	0.2 - 0.4 - 1.3	-	-	-	-	-	-	
	300	208	0.016	0.022	1 - 3 - 7	-	1.52	98	4.0	5.4	0.4 - 0.9 - 2.0	14	18	20	17	12	-	
	400	278	0.029	0.039	2 - 4 - 9	16	2.03	131	7.2	9.7	0.7 - 1.3 - 2.6	23	27	29	26	21	16	
	500	347	0.045	0.061	4 - 5 - 11	23	2.54	164	11.2	15.1	1.1 - 1.6 - 3.3	30	34	36	33	28	23	
	600	417	0.065	0.087	4 - 7 - 13	29	3.05	197	16.2	21.8	1.3 - 2.0 - 4.0	36	40	42	39	34	29	
	650	451	0.076	0.103	5 - 7 - 14	32	3.30	213	19.0	25.5	1.4 - 2.1 - 4.3	39	43	45	42	37	32	
	700	486	0.088	0.119	5 - 8 - 15	34	3.56	229	22.0	29.6	1.5 - 2.3 - 4.6	41	45	47	44	39	34	
	800	556	0.115	0.155	6 - 9 - 17	38	4.06	262	28.7	38.7	1.8 - 2.6 - 5.3	45	49	51	48	43	38	
	900	625	0.146	0.197	7 - 10 - 19	42	4.57	295	36.4	48.9	2.0 - 3.0 - 5.9	49	53	55	52	47	42	

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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. The throw values given for 4-Way Throw is for [Total CFM/4] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.

PERFORATED FACE DIFFUSERS

6400 (Supply) Performance Data: Horizontal Throw

IP/METRIC DATA: 6400, 20"x20" PANEL, 1 - 3-WAY (NO DAMPER)

	IP Data					Metric Data				
	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw
	FPM	CFM	ft	ft	ft	m/s	L/s	m	m	m
6" x 6"	300	75	1 - 2 - 8	1 - 2 - 6	1 - 3 - 5	1.52	35	0.3 - 0.7 - 2.5	0.3 - 0.7 - 1.8	0.4 - 0.8 - 1.6
	400	100	2 - 4 - 11	2 - 4 - 8	2 - 3 - 7	2.03	47	0.5 - 1.2 - 3.3	0.5 - 1.2 - 2.4	0.6 - 1.0 - 2.1
	500	125	3 - 6 - 14	3 - 5 - 10	3 - 4 - 9	2.54	59	0.8 - 1.9 - 4.2	0.8 - 1.5 - 3.0	0.9 - 1.3 - 2.6
	600	150	4 - 8 - 17	4 - 6 - 12	3 - 5 - 10	3.05	71	1.2 - 2.5 - 5.0	1.2 - 1.8 - 3.6	1.0 - 1.6 - 3.1
	700	175	5 - 10 - 19	5 - 7 - 14	4 - 6 - 12	3.56	83	1.7 - 2.9 - 5.7	1.4 - 2.1 - 4.3	1.2 - 1.8 - 3.6
	800	200	7 - 11 - 20	5 - 8 - 16	5 - 7 - 14	4.06	94	2.2 - 3.3 - 6.1	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	900	225	8 - 12 - 21	6 - 9 - 18	5 - 8 - 15	4.57	106	2.5 - 3.8 - 6.4	1.8 - 2.7 - 5.5	1.6 - 2.3 - 4.5
	1000	250	9 - 14 - 22	7 - 10 - 19	6 - 9 - 16	5.08	118	2.8 - 4.2 - 6.8	2.0 - 3.0 - 5.8	1.7 - 2.6 - 4.8
	1100	275	10 - 15 - 23	7 - 11 - 20	6 - 9 - 16	5.59	130	3.1 - 4.6 - 7.1	2.2 - 3.3 - 6.1	1.9 - 2.8 - 5.0
8" x 8"	200	89	1 - 1 - 5	1 - 1 - 5	1 - 2 - 5	1.02	42	0.2 - 0.4 - 1.6	0.2 - 0.4 - 1.6	0.2 - 0.5 - 1.4
	300	133	1 - 3 - 11	1 - 3 - 8	2 - 3 - 7	1.52	63	0.4 - 0.9 - 3.3	0.4 - 0.9 - 2.4	0.5 - 1.0 - 2.1
	400	178	2 - 5 - 15	2 - 5 - 11	3 - 5 - 9	2.03	84	0.7 - 1.6 - 4.5	0.7 - 1.6 - 3.2	0.9 - 1.4 - 2.8
	500	222	4 - 8 - 18	4 - 7 - 13	4 - 6 - 11	2.54	105	1.1 - 2.5 - 5.6	1.1 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	600	267	5 - 11 - 22	5 - 8 - 16	5 - 7 - 14	3.05	126	1.6 - 3.3 - 6.7	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	700	311	7 - 13 - 25	6 - 9 - 19	5 - 8 - 16	3.56	147	2.2 - 3.9 - 7.6	1.9 - 2.8 - 5.7	1.6 - 2.4 - 4.8
	800	356	9 - 15 - 27	7 - 11 - 21	6 - 9 - 18	4.06	168	2.9 - 4.5 - 8.1	2.2 - 3.2 - 6.5	1.8 - 2.8 - 5.5
	900	400	11 - 17 - 28	8 - 12 - 24	7 - 10 - 20	4.57	189	3.3 - 5.0 - 8.6	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.0
	1000	444	12 - 18 - 30	9 - 13 - 25	8 - 11 - 21	5.08	210	3.7 - 5.6 - 9.1	2.7 - 4.1 - 7.7	2.3 - 3.4 - 6.3
10" x 10"	200	139	1 - 2 - 7	1 - 2 - 7	1 - 2 - 6	1.02	66	0.2 - 0.5 - 2.0	0.2 - 0.5 - 2.0	0.3 - 0.6 - 1.7
	300	208	2 - 4 - 14	2 - 4 - 10	2 - 4 - 9	1.52	98	0.5 - 1.1 - 4.2	0.5 - 1.1 - 3.0	0.6 - 1.3 - 2.6
	400	278	3 - 7 - 18	3 - 7 - 13	4 - 6 - 11	2.03	131	0.9 - 2.0 - 5.6	0.9 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	500	347	5 - 10 - 23	5 - 8 - 17	5 - 7 - 14	2.54	164	1.4 - 3.2 - 7.0	1.4 - 2.5 - 5.1	1.4 - 2.2 - 4.3
	600	417	7 - 14 - 28	7 - 10 - 20	6 - 9 - 17	3.05	197	2.0 - 4.2 - 8.4	2.0 - 3.0 - 6.1	1.7 - 2.6 - 5.2
	650	451	8 - 15 - 30	7 - 11 - 22	6 - 9 - 18	3.30	213	2.4 - 4.5 - 9.1	2.2 - 3.3 - 6.6	1.9 - 2.8 - 5.6
	700	486	9 - 16 - 31	8 - 12 - 23	7 - 10 - 20	3.56	229	2.8 - 4.9 - 9.5	2.4 - 3.5 - 7.1	2.0 - 3.0 - 6.0
	800	556	12 - 18 - 33	9 - 13 - 27	8 - 11 - 23	4.06	262	3.6 - 5.6 - 10.1	2.7 - 4.1 - 8.1	2.3 - 3.4 - 6.9
	900	625	14 - 21 - 35	10 - 15 - 30	9 - 13 - 25	4.57	295	4.2 - 6.3 - 10.7	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.5

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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-Way Throw is for [Total CFM] CFM per side (L/s). The throw values given for 2-Way Throw is for [Total CFM/2] CFM per side (L/s). The throw values given for 3-Way Throw is for [Total CFM/3] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.

6400, 56400 (Supply) Performance Data: Horizontal Throw

IP/METRIC DATA: 6400, 56400, 24"x24" PANEL, 4-WAY (NO DAMPER)

PERFORATED FACE DIFFUSERS

	IP Data					NC	Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Ps	Pt	4-Way Throw		Neck Vel	Air Flow	Ps	Pt	4-Way Throw							
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m	2	3	4	5	6	7	
6" x 6"	300	75	0.011	0.017	1 - 2 - 4	-	1.52	35	2.7	4.1	0.2 - 0.5 - 1.2	-	-	-	-	-	-	
	400	100	0.019	0.029	1 - 3 - 5	-	2.03	47	4.8	7.3	0.4 - 0.8 - 1.6	13	17	19	16	11	-	
	500	125	0.030	0.046	2 - 3 - 7	13	2.54	59	7.6	11.4	0.7 - 1.0 - 2.0	20	24	26	23	18	13	
	600	150	0.044	0.066	3 - 4 - 8	19	3.05	71	10.9	16.5	0.8 - 1.2 - 2.4	26	30	32	29	24	19	
	700	175	0.060	0.090	3 - 5 - 9	23	3.56	83	14.8	22.4	0.9 - 1.4 - 2.8	30	34	36	33	28	23	
	800	200	0.078	0.118	3 - 5 - 10	28	4.06	94	19.4	29.3	1.1 - 1.6 - 3.2	35	39	41	38	33	28	
	900	225	0.098	0.149	4 - 6 - 12	31	4.57	106	24.5	37.1	1.2 - 1.8 - 3.5	38	42	44	41	36	31	
	1000	250	0.122	0.184	4 - 7 - 12	35	5.08	118	30.3	45.8	1.3 - 2.0 - 3.7	42	46	48	45	40	35	
	1100	275	0.147	0.223	5 - 7 - 13	38	5.59	130	36.6	55.4	1.4 - 2.2 - 3.9	45	49	51	48	43	38	
8" x 8"	200	89	0.006	0.008	0 - 1 - 3	-	1.02	42	1.5	2.1	0.1 - 0.3 - 1.1	-	-	-	-	-	-	
	300	133	0.013	0.019	1 - 2 - 5	-	1.52	63	3.3	4.7	0.3 - 0.7 - 1.6	10	14	16	13	8	-	
	400	178	0.024	0.034	2 - 3 - 7	12	2.03	84	5.9	8.4	0.6 - 1.1 - 2.1	19	23	25	22	17	12	
	500	222	0.037	0.052	3 - 4 - 9	19	2.54	105	9.2	13.0	0.9 - 1.3 - 2.6	26	30	32	29	24	19	
	600	267	0.053	0.075	3 - 5 - 10	25	3.05	126	13.2	18.8	1.1 - 1.6 - 3.2	32	36	38	35	30	25	
	700	311	0.072	0.103	4 - 6 - 12	29	3.56	147	18.0	25.6	1.2 - 1.8 - 3.7	36	40	42	39	34	29	
	800	356	0.094	0.134	5 - 7 - 14	34	4.06	168	23.5	33.4	1.4 - 2.1 - 4.2	41	45	47	44	39	34	
	900	400	0.119	0.170	5 - 8 - 16	37	4.57	189	29.7	42.3	1.6 - 2.4 - 4.7	44	48	50	47	42	37	
	1000	444	0.147	0.210	6 - 9 - 16	41	5.08	210	36.7	52.2	1.8 - 2.6 - 5.0	48	52	54	51	46	41	
10" x 10"	200	139	0.007	0.010	1 - 1 - 4	-	1.02	66	1.8	2.4	0.2 - 0.4 - 1.3	-	-	-	-	-	-	
	300	208	0.016	0.022	1 - 3 - 7	-	1.52	98	4.0	5.4	0.4 - 0.9 - 2.0	14	18	20	17	12	-	
	400	278	0.029	0.039	2 - 4 - 9	16	2.03	131	7.2	9.7	0.7 - 1.3 - 2.6	23	27	29	26	21	16	
	500	347	0.045	0.061	4 - 5 - 11	23	2.54	164	11.2	15.1	1.1 - 1.6 - 3.3	30	34	36	33	28	23	
	600	417	0.065	0.087	4 - 7 - 13	29	3.05	197	16.2	21.8	1.3 - 2.0 - 4.0	36	40	42	39	34	29	
	650	451	0.076	0.103	5 - 7 - 14	32	3.30	213	19.0	25.5	1.4 - 2.1 - 4.3	39	43	45	42	37	32	
	700	486	0.088	0.119	5 - 8 - 15	34	3.56	229	22.0	29.6	1.5 - 2.3 - 4.6	41	45	47	44	39	34	
	800	556	0.115	0.155	6 - 9 - 17	38	4.06	262	28.7	38.7	1.8 - 2.6 - 5.3	45	49	51	48	43	38	
	900	625	0.146	0.197	7 - 10 - 19	42	4.57	295	36.4	48.9	2.0 - 3.0 - 5.9	49	53	55	52	47	42	
12" x 12"	200	200	0.010	0.012	1 - 2 - 5	-	1.02	94	2.4	3.0	0.2 - 0.5 - 1.6	-	-	-	-	-	-	
	300	300	0.021	0.027	2 - 4 - 8	-	1.52	142	5.4	6.7	0.5 - 1.1 - 2.4	18	22	24	21	16	11	
	400	400	0.038	0.048	3 - 5 - 10	20	2.03	189	9.5	12.0	0.9 - 1.6 - 3.2	27	31	33	30	25	20	
	500	500	0.060	0.075	4 - 7 - 13	27	2.54	236	14.9	18.7	1.3 - 2.0 - 4.0	34	38	40	37	32	27	
	600	600	0.086	0.108	5 - 8 - 16	33	3.05	283	21.4	27.0	1.6 - 2.4 - 4.7	40	44	46	43	38	33	
	650	650	0.101	0.127	6 - 8 - 17	35	3.30	307	25.1	31.7	1.7 - 2.6 - 5.1	42	46	48	45	40	35	
	700	700	0.117	0.148	6 - 9 - 18	38	3.56	330	29.1	36.7	1.8 - 2.8 - 5.5	45	49	51	48	43	38	
	750	750	0.134	0.169	7 - 10 - 20	40	3.81	354	33.4	42.2	2.0 - 3.0 - 5.9	47	51	53	50	45	40	
	800	800	0.153	0.193	7 - 10 - 21	42	4.06	378	38.1	48.0	2.1 - 3.2 - 6.3	49	53	55	52	47	42	
15" x 15"	200	313	0.016	0.019	1 - 2 - 7	-	1.02	147	4.1	4.7	0.3 - 0.6 - 2.0	10	14	16	13	-	-	
	300	469	0.037	0.042	2 - 5 - 10	15	1.52	221	9.1	10.5	0.6 - 1.4 - 3.0	22	26	28	25	20	15	
	400	625	0.065	0.075	4 - 7 - 13	25	2.03	295	16.3	18.7	1.1 - 2.0 - 4.0	32	36	38	35	30	25	
	450	703	0.083	0.095	5 - 7 - 15	28	2.29	332	20.6	23.7	1.4 - 2.2 - 4.4	35	39	41	38	33	28	
	500	781	0.102	0.118	5 - 8 - 16	32	2.54	369	25.4	29.3	1.6 - 2.5 - 4.9	39	43	45	42	37	32	
	550	859	0.123	0.142	6 - 9 - 18	35	2.79	406	30.7	35.4	1.8 - 2.7 - 5.4	42	46	48	45	40	35	
	600	938	0.147	0.169	7 - 10 - 20	38	3.05	442	36.6	42.2	2.0 - 3.0 - 5.9	45	49	51	48	43	38	
	650	1016	0.172	0.199	7 - 11 - 21	40	3.30	479	42.9	49.5	2.1 - 3.2 - 6.4	47	51	53	50	45	40	
	700	1094	0.200	0.231	8 - 11 - 23	42	3.56	516	49.8	57.4	2.3 - 3.5 - 6.9	49	53	55	52	47	42	
18" x 18"	200	450	0.025	0.027	1 - 2 - 8	-	1.02	212	6.1	6.7	0.3 - 0.7 - 2.4	13	17	19	16	11	-	
	300	675	0.055	0.061	2 - 5 - 12	19	1.52	319	13.8	15.2	0.7 - 1.6 - 3.6	26	30	32	29	24	19	
	350	788	0.075	0.083	3 - 7 - 14	24	1.78	372	18.8	20.7	1.0 - 2.1 - 4.1	31	35	37	34	29	24	
	400	900	0.098	0.108	4 - 8 - 16	28	2.03	425	24.5	27.0	1.3 - 2.4 - 4.7	35	39	41	38	33	28	
	450	1013	0.125	0.137	5 - 9 - 18	32	2.29	478	31.0	34.2	1.6 - 2.7 - 5.3	39	43	45	42	37	32	
	500	1125	0.154	0.169	7 - 10 - 20	35	2.54	531	38.3	42.2	2.0 - 3.0 - 5.9	42	46	48	45	40	35	
	550	1238	0.186	0.205	7 - 11 - 21	39	2.79	584	46.3	51.0	2.2 - 3.3 - 6.5	46	50	52	49	44	39	
	600	1350	0.221	0.244	8 - 12 - 23	41	3.05	637	55.1	60.7	2.4 - 3.6 - 7.1	48	52	54	51	46	41	
	650	1463	0.260	0.286	8 - 13 - 25	44	3.30	690	64.7	71.3	2.6 - 3.9 - 7.7	51	55	57	54	49	44	

NOTE: See C1-66 for notes.

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6400 - 56400

6400, 56400 (Supply) Performance Data: Horizontal Throw
IP/METRIC DATA: 6400, 56400, 24"x24" PANEL, 1 - 3-WAY (NO DAMPER)

	IP Data					Metric Data				
	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw
	FPM	CFM	ft	ft	ft	m/s	L/s	m	m	m
6" x 6"	300	75	1 - 2 - 8	1 - 2 - 6	1 - 3 - 5	1.52	35	0.3 - 0.7 - 2.5	0.3 - 0.7 - 1.8	0.4 - 0.8 - 1.6
	400	100	2 - 4 - 11	2 - 4 - 8	2 - 3 - 7	2.03	47	0.5 - 1.2 - 3.3	0.5 - 1.2 - 2.4	0.6 - 1.0 - 2.1
	500	125	3 - 6 - 14	3 - 5 - 10	3 - 4 - 9	2.54	59	0.8 - 1.9 - 4.2	0.8 - 1.5 - 3.0	0.9 - 1.3 - 2.6
	600	150	4 - 8 - 17	4 - 6 - 12	3 - 5 - 10	3.05	71	1.2 - 2.5 - 5.0	1.2 - 1.8 - 3.6	1.0 - 1.6 - 3.1
	700	175	5 - 10 - 19	5 - 7 - 14	4 - 6 - 12	3.56	83	1.7 - 2.9 - 5.7	1.4 - 2.1 - 4.3	1.2 - 1.8 - 3.6
	800	200	7 - 11 - 20	5 - 8 - 16	5 - 7 - 14	4.06	94	2.2 - 3.3 - 6.1	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	900	225	8 - 12 - 21	6 - 9 - 18	5 - 8 - 15	4.57	106	2.5 - 3.8 - 6.4	1.8 - 2.7 - 5.5	1.6 - 2.3 - 4.5
	1000	250	9 - 14 - 22	7 - 10 - 19	6 - 9 - 16	5.08	118	2.8 - 4.2 - 6.8	2.0 - 3.0 - 5.8	1.7 - 2.6 - 4.8
	1100	275	10 - 15 - 23	7 - 11 - 20	6 - 9 - 16	5.59	130	3.1 - 4.6 - 7.1	2.2 - 3.3 - 6.1	1.9 - 2.8 - 5.0
8" x 8"	200	89	1 - 1 - 5	1 - 1 - 5	1 - 2 - 5	1.02	42	0.2 - 0.4 - 1.6	0.2 - 0.4 - 1.6	0.2 - 0.5 - 1.4
	300	133	1 - 3 - 11	1 - 3 - 8	2 - 3 - 7	1.52	63	0.4 - 0.9 - 3.3	0.4 - 0.9 - 2.4	0.5 - 1.0 - 2.1
	400	178	2 - 5 - 15	2 - 5 - 11	3 - 5 - 9	2.03	84	0.7 - 1.6 - 4.5	0.7 - 1.6 - 3.2	0.9 - 1.4 - 2.8
	500	222	4 - 8 - 18	4 - 7 - 13	4 - 6 - 11	2.54	105	1.1 - 2.5 - 5.6	1.1 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	600	267	5 - 11 - 22	5 - 8 - 16	5 - 7 - 14	3.05	126	1.6 - 3.3 - 6.7	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	700	311	7 - 13 - 25	6 - 9 - 19	5 - 8 - 16	3.56	147	2.2 - 3.9 - 7.6	1.9 - 2.8 - 5.7	1.6 - 2.4 - 4.8
	800	356	9 - 15 - 27	7 - 11 - 21	6 - 9 - 18	4.06	168	2.9 - 4.5 - 8.1	2.2 - 3.2 - 6.5	1.8 - 2.8 - 5.5
	900	400	11 - 17 - 28	8 - 12 - 24	7 - 10 - 20	4.57	189	3.3 - 5.0 - 8.6	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.0
	1000	444	12 - 18 - 30	9 - 13 - 25	8 - 11 - 21	5.08	210	3.7 - 5.6 - 9.1	2.7 - 4.1 - 7.7	2.3 - 3.4 - 6.3
10" x 10"	200	139	1 - 2 - 7	1 - 2 - 7	1 - 2 - 6	1.02	66	0.2 - 0.5 - 2.0	0.2 - 0.5 - 2.0	0.3 - 0.6 - 1.7
	300	208	2 - 4 - 14	2 - 4 - 10	2 - 4 - 9	1.52	98	0.5 - 1.1 - 4.2	0.5 - 1.1 - 3.0	0.6 - 1.3 - 2.6
	400	278	3 - 7 - 18	3 - 7 - 13	4 - 6 - 11	2.03	131	0.9 - 2.0 - 5.6	0.9 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	500	347	5 - 10 - 23	5 - 8 - 17	5 - 7 - 14	2.54	164	1.4 - 3.2 - 7.0	1.4 - 2.5 - 5.1	1.4 - 2.2 - 4.3
	600	417	7 - 14 - 28	7 - 10 - 20	6 - 9 - 17	3.05	197	2.0 - 4.2 - 8.4	2.0 - 3.0 - 6.1	1.7 - 2.6 - 5.2
	650	451	8 - 15 - 30	7 - 11 - 22	6 - 9 - 18	3.30	213	2.4 - 4.5 - 9.1	2.2 - 3.3 - 6.6	1.9 - 2.8 - 5.6
	700	486	9 - 16 - 31	8 - 12 - 23	7 - 10 - 20	3.56	229	2.8 - 4.9 - 9.5	2.4 - 3.5 - 7.1	2.0 - 3.0 - 6.0
	800	556	12 - 18 - 33	9 - 13 - 27	8 - 11 - 23	4.06	262	3.6 - 5.6 - 10.1	2.7 - 4.1 - 8.1	2.3 - 3.4 - 6.9
	900	625	14 - 21 - 35	10 - 15 - 30	9 - 13 - 25	4.57	295	4.2 - 6.3 - 10.7	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.5
12" x 12"	200	200	1 - 2 - 8	1 - 2 - 8	1 - 2 - 7	1.02	94	0.3 - 0.6 - 2.4	0.3 - 0.6 - 2.4	0.3 - 0.7 - 2.1
	300	300	2 - 5 - 17	2 - 5 - 12	2 - 5 - 10	1.52	142	0.6 - 1.4 - 5.0	0.6 - 1.4 - 3.6	0.7 - 1.6 - 3.1
	400	400	4 - 8 - 22	4 - 8 - 16	4 - 7 - 14	2.03	189	1.1 - 2.4 - 6.7	1.1 - 2.4 - 4.9	1.3 - 2.1 - 4.1
	500	500	6 - 13 - 28	6 - 10 - 20	6 - 9 - 17	2.54	236	1.7 - 3.8 - 8.4	1.7 - 3.0 - 6.1	1.7 - 2.6 - 5.2
	600	600	8 - 17 - 33	8 - 12 - 24	7 - 10 - 20	3.05	283	2.4 - 5.0 - 10.0	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.2
	650	650	9 - 18 - 36	9 - 13 - 26	7 - 11 - 22	3.30	307	2.9 - 5.4 - 10.9	2.6 - 4.0 - 7.9	2.2 - 3.4 - 6.7
	700	700	11 - 19 - 37	9 - 14 - 28	8 - 12 - 24	3.56	330	3.3 - 5.9 - 11.4	2.8 - 4.3 - 8.5	2.4 - 3.6 - 7.2
	750	750	13 - 21 - 39	10 - 15 - 30	9 - 13 - 26	3.81	354	3.8 - 6.3 - 11.8	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.8
	800	800	14 - 22 - 40	11 - 16 - 32	9 - 14 - 27	4.06	378	4.3 - 6.7 - 12.2	3.2 - 4.9 - 9.7	2.8 - 4.1 - 8.3
15" x 15"	200	313	1 - 3 - 10	1 - 3 - 10	1 - 3 - 9	1.02	147	0.3 - 0.8 - 3.0	0.3 - 0.8 - 3.0	0.4 - 0.9 - 2.6
	300	469	3 - 6 - 21	3 - 6 - 15	3 - 6 - 13	1.52	221	0.8 - 1.7 - 6.3	0.8 - 1.7 - 4.6	0.9 - 1.9 - 3.9
	400	625	4 - 10 - 28	4 - 10 - 20	5 - 9 - 17	2.03	295	1.4 - 3.0 - 8.4	1.4 - 3.0 - 6.1	1.6 - 2.6 - 5.2
	450	703	6 - 13 - 31	6 - 11 - 23	6 - 10 - 19	2.29	332	1.7 - 3.8 - 9.4	1.7 - 3.4 - 6.8	1.9 - 2.9 - 5.8
	500	781	7 - 16 - 34	7 - 13 - 25	7 - 11 - 21	2.54	369	2.1 - 4.8 - 10.5	2.1 - 3.8 - 7.6	2.2 - 3.2 - 6.5
	550	859	8 - 19 - 38	8 - 14 - 28	8 - 12 - 23	2.79	406	2.6 - 5.7 - 11.5	2.6 - 4.2 - 8.4	2.4 - 3.6 - 7.1
	600	938	10 - 21 - 41	10 - 15 - 30	9 - 13 - 26	3.05	442	3.0 - 6.3 - 12.5	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.8
	650	1016	12 - 22 - 45	11 - 16 - 33	9 - 14 - 28	3.30	479	3.6 - 6.8 - 13.6	3.3 - 4.9 - 9.9	2.8 - 4.2 - 8.4
	700	1094	14 - 24 - 47	12 - 18 - 35	10 - 15 - 30	3.56	516	4.1 - 7.3 - 14.2	3.5 - 5.3 - 10.6	3.0 - 4.5 - 9.0
18" x 18"	200	450	1 - 3 - 12	1 - 3 - 12	2 - 4 - 10	1.02	212	0.4 - 0.9 - 3.6	0.4 - 0.9 - 3.6	0.5 - 1.1 - 3.1
	300	675	3 - 7 - 25	3 - 7 - 18	4 - 8 - 15	1.52	319	0.9 - 2.1 - 7.5	0.9 - 2.1 - 5.5	1.1 - 2.3 - 4.7
	350	788	4 - 9 - 29	4 - 9 - 21	5 - 9 - 18	1.78	372	1.2 - 2.8 - 8.8	1.2 - 2.8 - 6.4	1.5 - 2.7 - 5.4
	400	900	5 - 12 - 33	5 - 12 - 24	6 - 10 - 20	2.03	425	1.6 - 3.6 - 10.0	1.6 - 3.6 - 7.3	1.9 - 3.1 - 6.2
	450	1013	7 - 15 - 37	7 - 14 - 27	8 - 11 - 23	2.29	478	2.1 - 4.6 - 11.3	2.1 - 4.1 - 8.2	2.3 - 3.5 - 7.0
	500	1125	8 - 19 - 41	8 - 15 - 30	9 - 13 - 26	2.54	531	2.5 - 5.7 - 12.5	2.5 - 4.6 - 9.1	2.6 - 3.9 - 7.8
	550	1238	10 - 23 - 45	10 - 17 - 33	9 - 14 - 28	2.79	584	3.1 - 6.9 - 13.8	3.1 - 5.0 - 10.0	2.8 - 4.3 - 8.5
	600	1350	12 - 25 - 50	12 - 18 - 36	10 - 15 - 31	3.05	637	3.6 - 7.5 - 15.0	3.6 - 5.5 - 10.9	3.1 - 4.7 - 9.3
	650	1463	14 - 27 - 54	13 - 20 - 39	11 - 17 - 33	3.30	690	4.3 - 8.2 - 16.3	4.0 - 5.9 - 11.9	3.4 - 5.0 - 10.1

PERFORATED FACE DIFFUSERS

6400 - 56400

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6400, 56400 (Supply) Performance Data: Horizontal Throw

IP/METRIC DATA: 6400, 56400, 24"x48" PANEL, 4-WAY (NO DAMPER)

	IP Data					NC	Metric Data					Octave Band, dB						
	Neck Vel	Air Flow	Ps	Pt	4-Way Throw		Neck Vel	Air Flow	Ps	Pt	4-Way Throw							
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m	2	3	4	5	6	7	
6" x 6"	300	75	0.011	0.017	1 - 2 - 4	-	1.52	35	2.7	4.1	0.2 - 0.5 - 1.2	-	-	-	-	-	-	
	400	100	0.019	0.029	1 - 3 - 5	-	2.03	47	4.8	7.3	0.4 - 0.8 - 1.6	13	17	19	16	11	-	
	500	125	0.030	0.046	2 - 3 - 7	13	2.54	59	7.6	11.4	0.7 - 1.0 - 2.0	20	24	26	23	18	13	
	600	150	0.044	0.066	3 - 4 - 8	19	3.05	71	10.9	16.5	0.8 - 1.2 - 2.4	26	30	32	29	24	19	
	700	175	0.060	0.090	3 - 5 - 9	23	3.56	83	14.8	22.4	0.9 - 1.4 - 2.8	30	34	36	33	28	23	
	800	200	0.078	0.118	3 - 5 - 10	28	4.06	94	19.4	29.3	1.1 - 1.6 - 3.2	35	39	41	38	33	28	
	900	225	0.098	0.149	4 - 6 - 12	31	4.57	106	24.5	37.1	1.2 - 1.8 - 3.5	38	42	44	41	36	31	
	1000	250	0.122	0.184	4 - 7 - 12	35	5.08	118	30.3	45.8	1.3 - 2.0 - 3.7	42	46	48	45	40	35	
	1100	275	0.147	0.223	5 - 7 - 13	38	5.59	130	36.6	55.4	1.4 - 2.2 - 3.9	45	49	51	48	43	38	
8" x 8"	200	89	0.006	0.008	0 - 1 - 3	-	1.02	42	1.5	2.1	0.1 - 0.3 - 1.1	-	-	-	-	-	-	
	300	133	0.013	0.019	1 - 2 - 5	-	1.52	63	3.3	4.7	0.3 - 0.7 - 1.6	10	14	16	13	8	-	
	400	178	0.024	0.034	2 - 3 - 7	12	2.03	84	5.9	8.4	0.6 - 1.1 - 2.1	19	23	25	22	17	12	
	500	222	0.037	0.052	3 - 4 - 9	19	2.54	105	9.2	13.0	0.9 - 1.3 - 2.6	26	30	32	29	24	19	
	600	267	0.053	0.075	3 - 5 - 10	25	3.05	126	13.2	18.8	1.1 - 1.6 - 3.2	32	36	38	35	30	25	
	700	311	0.072	0.103	4 - 6 - 12	29	3.56	147	18.0	25.6	1.2 - 1.8 - 3.7	36	40	42	39	34	29	
	800	356	0.094	0.134	5 - 7 - 14	34	4.06	168	23.5	33.4	1.4 - 2.1 - 4.2	41	45	47	44	39	34	
	900	400	0.119	0.170	5 - 8 - 16	37	4.57	189	29.7	42.3	1.6 - 2.4 - 4.7	44	48	50	47	42	37	
	1000	444	0.147	0.210	6 - 9 - 16	41	5.08	210	36.7	52.2	1.8 - 2.6 - 5.0	48	52	54	51	46	41	
10" x 10"	200	139	0.007	0.010	1 - 1 - 4	-	1.02	66	1.8	2.4	0.2 - 0.4 - 1.3	-	-	-	-	-	-	
	300	208	0.016	0.022	1 - 3 - 7	-	1.52	98	4.0	5.4	0.4 - 0.9 - 2.0	14	18	20	17	12	-	
	400	278	0.029	0.039	2 - 4 - 9	16	2.03	131	7.2	9.7	0.7 - 1.3 - 2.6	23	27	29	26	21	16	
	500	347	0.045	0.061	4 - 5 - 11	23	2.54	164	11.2	15.1	1.1 - 1.6 - 3.3	30	34	36	33	28	23	
	600	417	0.065	0.087	4 - 7 - 13	29	3.05	197	16.2	21.8	1.3 - 2.0 - 4.0	36	40	42	39	34	29	
	650	451	0.076	0.103	5 - 7 - 14	32	3.30	213	19.0	25.5	1.4 - 2.1 - 4.3	39	43	45	42	37	32	
	700	486	0.088	0.119	5 - 8 - 15	34	3.56	229	22.0	29.6	1.5 - 2.3 - 4.6	41	45	47	44	39	34	
	800	556	0.115	0.155	6 - 9 - 17	38	4.06	262	28.7	38.7	1.8 - 2.6 - 5.3	45	49	51	48	43	38	
	900	625	0.146	0.197	7 - 10 - 19	42	4.57	295	36.4	48.9	2.0 - 3.0 - 5.9	49	53	55	52	47	42	
12" x 12"	200	200	0.010	0.012	1 - 2 - 5	-	1.02	94	2.4	3.0	0.2 - 0.5 - 1.6	-	-	-	-	-	-	
	300	300	0.021	0.027	2 - 4 - 8	-	1.52	142	5.4	6.7	0.5 - 1.1 - 2.4	18	22	24	21	16	11	
	400	400	0.038	0.048	3 - 5 - 10	20	2.03	189	9.5	12.0	0.9 - 1.6 - 3.2	27	31	33	30	25	20	
	500	500	0.060	0.075	4 - 7 - 13	27	2.54	236	14.9	18.7	1.3 - 2.0 - 4.0	34	38	40	37	32	27	
	600	600	0.086	0.108	5 - 8 - 16	33	3.05	283	21.4	27.0	1.6 - 2.4 - 4.7	40	44	46	43	38	33	
	650	650	0.101	0.127	6 - 8 - 17	35	3.30	307	25.1	31.7	1.7 - 2.6 - 5.1	42	46	48	45	40	35	
	700	700	0.117	0.148	6 - 9 - 18	38	3.56	330	29.1	36.7	1.8 - 2.8 - 5.5	45	49	51	48	43	38	
	750	750	0.134	0.169	7 - 10 - 20	40	3.81	354	33.4	42.2	2.0 - 3.0 - 5.9	47	51	53	50	45	40	
	800	800	0.153	0.193	7 - 10 - 21	42	4.06	378	38.1	48.0	2.1 - 3.2 - 6.3	49	53	55	52	47	42	

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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. The throw values given for 4-Way Throw is for [Total CFM/4] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.

PERFORATED FACE DIFFUSERS

6400, 56400 (Supply) Performance Data: Horizontal Throw
IP/METRIC DATA: 6400, 56400, 24"x48" PANEL, 1 - 3-WAY (NO DAMPER)

	IP Data					Metric Data				
	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw	Neck Vel	Air Flow	1-Way Throw	2-Way Throw	3-Way Throw
	FPM	CFM	ft	ft	ft	m/s	L/s	m	m	m
6" x 6"	300	75	1 - 2 - 8	1 - 2 - 6	1 - 3 - 5	1.52	35	0.3 - 0.7 - 2.5	0.3 - 0.7 - 1.8	0.4 - 0.8 - 1.6
	400	100	2 - 4 - 11	2 - 4 - 8	2 - 3 - 7	2.03	47	0.5 - 1.2 - 3.3	0.5 - 1.2 - 2.4	0.6 - 1.0 - 2.1
	500	125	3 - 6 - 14	3 - 5 - 10	3 - 4 - 9	2.54	59	0.8 - 1.9 - 4.2	0.8 - 1.5 - 3.0	0.9 - 1.3 - 2.6
	600	150	4 - 8 - 17	4 - 6 - 12	3 - 5 - 10	3.05	71	1.2 - 2.5 - 5.0	1.2 - 1.8 - 3.6	1.0 - 1.6 - 3.1
	700	175	5 - 10 - 19	5 - 7 - 14	4 - 6 - 12	3.56	83	1.7 - 2.9 - 5.7	1.4 - 2.1 - 4.3	1.2 - 1.8 - 3.6
	800	200	7 - 11 - 20	5 - 8 - 16	5 - 7 - 14	4.06	94	2.2 - 3.3 - 6.1	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	900	225	8 - 12 - 21	6 - 9 - 18	5 - 8 - 15	4.57	106	2.5 - 3.8 - 6.4	1.8 - 2.7 - 5.5	1.6 - 2.3 - 4.5
	1000	250	9 - 14 - 22	7 - 10 - 19	6 - 9 - 16	5.08	118	2.8 - 4.2 - 6.8	2.0 - 3.0 - 5.8	1.7 - 2.6 - 4.8
8" x 8"	1100	275	10 - 15 - 23	7 - 11 - 20	6 - 9 - 16	5.59	130	3.1 - 4.6 - 7.1	2.2 - 3.3 - 6.1	1.9 - 2.8 - 5.0
	200	89	1 - 1 - 5	1 - 1 - 5	1 - 2 - 5	1.02	42	0.2 - 0.4 - 1.6	0.2 - 0.4 - 1.6	0.2 - 0.5 - 1.4
	300	133	1 - 3 - 11	1 - 3 - 8	2 - 3 - 7	1.52	63	0.4 - 0.9 - 3.3	0.4 - 0.9 - 2.4	0.5 - 1.0 - 2.1
	400	178	2 - 5 - 15	2 - 5 - 11	3 - 5 - 9	2.03	84	0.7 - 1.6 - 4.5	0.7 - 1.6 - 3.2	0.9 - 1.4 - 2.8
	500	222	4 - 8 - 18	4 - 7 - 13	4 - 6 - 11	2.54	105	1.1 - 2.5 - 5.6	1.1 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	600	267	5 - 11 - 22	5 - 8 - 16	5 - 7 - 14	3.05	126	1.6 - 3.3 - 6.7	1.6 - 2.4 - 4.9	1.4 - 2.1 - 4.1
	700	311	7 - 13 - 25	6 - 9 - 19	5 - 8 - 16	3.56	147	2.2 - 3.9 - 7.6	1.9 - 2.8 - 5.7	1.6 - 2.4 - 4.8
	800	356	9 - 15 - 27	7 - 11 - 21	6 - 9 - 18	4.06	168	2.9 - 4.5 - 8.1	2.2 - 3.2 - 6.5	1.8 - 2.8 - 5.5
10" x 10"	900	400	11 - 17 - 28	8 - 12 - 24	7 - 10 - 20	4.57	189	3.3 - 5.0 - 8.6	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.0
	1000	444	12 - 18 - 30	9 - 13 - 25	8 - 11 - 21	5.08	210	3.7 - 5.6 - 9.1	2.7 - 4.1 - 7.7	2.3 - 3.4 - 6.3
	200	139	1 - 2 - 7	1 - 2 - 7	1 - 2 - 6	1.02	66	0.2 - 0.5 - 2.0	0.2 - 0.5 - 2.0	0.3 - 0.6 - 1.7
	300	208	2 - 4 - 14	2 - 4 - 10	2 - 4 - 9	1.52	98	0.5 - 1.1 - 4.2	0.5 - 1.1 - 3.0	0.6 - 1.3 - 2.6
	400	278	3 - 7 - 18	3 - 7 - 13	4 - 6 - 11	2.03	131	0.9 - 2.0 - 5.6	0.9 - 2.0 - 4.1	1.1 - 1.7 - 3.4
	500	347	5 - 10 - 23	5 - 8 - 17	5 - 7 - 14	2.54	164	1.4 - 3.2 - 7.0	1.4 - 2.5 - 5.1	1.4 - 2.2 - 4.3
	600	417	7 - 14 - 28	7 - 10 - 20	6 - 9 - 17	3.05	197	2.0 - 4.2 - 8.4	2.0 - 3.0 - 6.1	1.7 - 2.6 - 5.2
	650	451	8 - 15 - 30	7 - 11 - 22	6 - 9 - 18	3.30	213	2.4 - 4.5 - 9.1	2.2 - 3.3 - 6.6	1.9 - 2.8 - 5.6
12" x 12"	700	486	9 - 16 - 31	8 - 12 - 23	7 - 10 - 20	3.56	229	2.8 - 4.9 - 9.5	2.4 - 3.5 - 7.1	2.0 - 3.0 - 6.0
	800	556	12 - 18 - 33	9 - 13 - 27	8 - 11 - 23	4.06	262	3.6 - 5.6 - 10.1	2.7 - 4.1 - 8.1	2.3 - 3.4 - 6.9
	900	625	14 - 21 - 35	10 - 15 - 30	9 - 13 - 25	4.57	295	4.2 - 6.3 - 10.7	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.5
	200	200	1 - 2 - 8	1 - 2 - 8	1 - 2 - 7	1.02	94	0.3 - 0.6 - 2.4	0.3 - 0.6 - 2.4	0.3 - 0.7 - 2.1
	300	300	2 - 5 - 17	2 - 5 - 12	2 - 5 - 10	1.52	142	0.6 - 1.4 - 5.0	0.6 - 1.4 - 3.6	0.7 - 1.6 - 3.1
	400	400	4 - 8 - 22	4 - 8 - 16	4 - 7 - 14	2.03	189	1.1 - 2.4 - 6.7	1.1 - 2.4 - 4.9	1.3 - 2.1 - 4.1
	500	500	6 - 13 - 28	6 - 10 - 20	6 - 9 - 17	2.54	236	1.7 - 3.8 - 8.4	1.7 - 3.0 - 6.1	1.7 - 2.6 - 5.2
	600	600	8 - 17 - 33	8 - 12 - 24	7 - 10 - 20	3.05	283	2.4 - 5.0 - 10.0	2.4 - 3.6 - 7.3	2.1 - 3.1 - 6.2
12" x 12"	650	650	9 - 18 - 36	9 - 13 - 26	7 - 11 - 22	3.30	307	2.9 - 5.4 - 10.9	2.6 - 4.0 - 7.9	2.2 - 3.4 - 6.7
	700	700	11 - 19 - 37	9 - 14 - 28	8 - 12 - 24	3.56	330	3.3 - 5.9 - 11.4	2.8 - 4.3 - 8.5	2.4 - 3.6 - 7.2
	750	750	13 - 21 - 39	10 - 15 - 30	9 - 13 - 26	3.81	354	3.8 - 6.3 - 11.8	3.0 - 4.6 - 9.1	2.6 - 3.9 - 7.8
	800	800	14 - 22 - 40	11 - 16 - 32	9 - 14 - 27	4.06	378	4.3 - 6.7 - 12.2	3.2 - 4.9 - 9.7	2.8 - 4.1 - 8.3

NOTES: Throw values are given for terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Throw values are given for isothermal conditions. 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-Way Throw is for [Total CFM] CFM per side (L/s). The throw values given for 2-Way Throw is for [Total CFM/2] CFM per side (L/s). The throw values given for 3-Way Throw is for [Total CFM/3] CFM per side (L/s). See Krueger's selection software for performance data not shown, including octave band data.