

5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU Performance Data
FREE JET AIRFLOW IP DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct in	Neck Vel FPM	Air Flow CFM	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			"WG	ft	"WG	ft	"WG	ft								
10" x 3"	300	43	.017	3 - 5 - 9	.023	2 - 4 - 7	.029	1 - 2 - 4	-	29	16	17	-	-	-	
	400	58	.030	4 - 6 - 10	.041	3 - 5 - 8	.052	2 - 3 - 4	-	35	24	25	11	-	-	
	500	72	.046	5 - 8 - 11	.064	4 - 6 - 9	.081	2 - 3 - 5	14	40	30	31	19	-	-	
	600	87	.067	6 - 9 - 12	.092	5 - 7 - 9	.117	3 - 4 - 5	19	45	35	36	26	15	-	
	700	101	.091	7 - 9 - 13	.125	6 - 7 - 10	.159	3 - 4 - 6	24	48	39	40	32	23	18	
	800	116	.119	8 - 10 - 14	.163	6 - 8 - 11	.208	4 - 4 - 6	28	51	43	43	37	30	25	
	1000	145	.186	9 - 11 - 16	.255	7 - 9 - 12	.325	4 - 5 - 7	35	57	49	49	45	41	36	
	1100	159	.225	9 - 12 - 16	.309	7 - 9 - 13	.393	4 - 5 - 7	37	59	51	52	49	45	41	
10" x 4"	300	63	.017	3 - 6 - 10	.023	3 - 4 - 8	.029	2 - 2 - 5	-	30	17	19	-	-	-	
	400	84	.030	5 - 7 - 12	.041	4 - 6 - 9	.052	2 - 3 - 5	-	37	25	26	12	-	-	
	500	104	.046	6 - 9 - 13	.064	5 - 7 - 10	.081	3 - 4 - 6	15	42	31	32	21	-	-	
	600	125	.067	7 - 10 - 15	.092	6 - 8 - 11	.117	3 - 5 - 7	21	46	36	37	27	17	11	
	700	146	.091	9 - 11 - 16	.125	7 - 9 - 12	.159	4 - 5 - 7	25	50	40	41	33	25	19	
	800	167	.119	10 - 12 - 17	.163	8 - 9 - 13	.208	4 - 5 - 8	29	53	44	45	38	31	26	
	1000	209	.186	11 - 13 - 19	.255	8 - 10 - 15	.325	5 - 6 - 8	36	58	50	51	47	42	37	
	1100	230	.225	11 - 14 - 20	.309	9 - 11 - 15	.393	5 - 6 - 9	39	60	53	54	50	47	42	
10" x 6"	300	101	.017	4 - 7 - 13	.023	3 - 5 - 10	.029	2 - 3 - 6	-	32	19	21	-	-	-	
	400	135	.030	6 - 9 - 15	.041	5 - 7 - 12	.052	3 - 4 - 7	11	39	27	28	14	-	-	
	500	169	.046	8 - 12 - 17	.064	6 - 9 - 13	.081	4 - 5 - 8	17	44	33	34	23	-	-	
	600	202	.067	9 - 13 - 18	.092	7 - 10 - 14	.117	4 - 6 - 8	23	48	38	39	29	19	13	
	700	236	.091	11 - 14 - 20	.125	8 - 11 - 15	.159	5 - 6 - 9	27	52	42	43	35	27	21	
	800	270	.119	12 - 15 - 21	.163	10 - 12 - 17	.208	6 - 7 - 10	31	55	46	47	40	33	28	
	900	304	.150	13 - 16 - 23	.207	10 - 12 - 18	.263	6 - 7 - 10	35	58	49	50	45	39	34	
	1000	337	.186	14 - 17 - 24	.255	11 - 13 - 18	.325	6 - 8 - 11	38	60	52	53	49	44	39	
12" x 4"	200	51	.007	2 - 4 - 8	.010	1 - 3 - 6	.013	1 - 2 - 4	-	21	-	-	-	-	-	
	300	76	.017	4 - 6 - 11	.023	3 - 5 - 9	.029	2 - 3 - 5	-	31	18	19	-	-	-	
	400	102	.030	5 - 8 - 13	.041	4 - 6 - 10	.052	2 - 4 - 6	-	38	26	27	13	-	-	
	500	127	.046	7 - 10 - 15	.064	5 - 8 - 11	.081	3 - 5 - 7	16	43	32	33	21	-	-	
	600	152	.067	8 - 11 - 16	.092	6 - 9 - 12	.117	4 - 5 - 7	22	47	37	38	28	18	12	
	700	178	.091	9 - 12 - 17	.125	7 - 9 - 13	.159	4 - 6 - 8	26	51	41	42	34	25	20	
	800	203	.119	11 - 13 - 19	.163	8 - 10 - 14	.208	5 - 6 - 8	30	54	45	46	39	32	27	
	900	229	.150	11 - 14 - 20	.207	9 - 11 - 15	.263	5 - 6 - 9	34	57	48	49	44	38	33	
14" x 3"	300	62	.017	3 - 5 - 10	.023	3 - 4 - 8	.029	2 - 2 - 5	-	30	17	18	-	-	-	
	400	83	.030	5 - 7 - 12	.041	4 - 6 - 9	.052	2 - 3 - 5	-	37	25	26	12	-	-	
	500	104	.046	6 - 9 - 13	.064	5 - 7 - 10	.081	3 - 4 - 6	15	42	31	32	21	-	-	
	600	124	.067	7 - 10 - 14	.092	6 - 8 - 11	.117	3 - 5 - 7	21	46	36	37	27	17	11	
	700	145	.091	9 - 11 - 16	.125	7 - 9 - 12	.159	4 - 5 - 7	25	50	40	41	33	24	19	
	800	166	.119	10 - 12 - 17	.163	7 - 9 - 13	.208	4 - 5 - 8	29	53	44	45	38	31	26	
	900	186	.150	10 - 13 - 18	.207	8 - 10 - 14	.263	5 - 6 - 8	33	56	47	48	43	37	32	
	1000	207	.186	11 - 13 - 19	.255	8 - 10 - 14	.325	5 - 6 - 8	36	58	50	51	47	42	37	
14" x 4"	300	90	.017	4 - 7 - 12	.023	3 - 5 - 10	.029	2 - 3 - 6	-	32	19	20	-	-	-	
	400	120	.030	6 - 9 - 14	.041	5 - 7 - 11	.052	3 - 4 - 6	-	38	27	28	14	-	-	
	500	150	.046	7 - 11 - 16	.064	6 - 9 - 12	.081	3 - 5 - 7	17	44	33	34	22	-	-	
	600	179	.067	9 - 12 - 17	.092	7 - 10 - 13	.117	4 - 6 - 8	22	48	38	39	29	18	13	
	700	209	.091	10 - 13 - 19	.125	8 - 10 - 15	.159	5 - 6 - 8	27	51	42	43	35	26	21	
	800	239	.119	12 - 14 - 20	.163	9 - 11 - 16	.208	5 - 6 - 9	31	54	46	46	40	33	28	
	900	269	.150	12 - 15 - 21	.207	10 - 12 - 17	.263	6 - 7 - 10	34	57	49	50	44	38	34	
	1000	299	.186	13 - 16 - 22	.255	10 - 12 - 17	.325	6 - 7 - 10	38	60	52	53	48	44	39	
1100	329	.225	14 - 17 - 24	.309	11 - 13 - 18	.393	6 - 8 - 11	40	62	54	55	52	48	44		

DUCT MOUNTED GRILLES & LOUVERS

5DMG*R - 5DMG*U

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 or dB value of less than 10. Nominal duct is duct width. 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.

5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU Performance Data

FREE JET AIRFLOW IP DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct in	Neck Vel FPM	Air Flow CFM	0°		22.5°		45°		NC	Octave Band, dB						
			Pt "WG	Throw ft	Pt "WG	Throw ft	Pt "WG	Throw ft		2	3	4	5	6	7	
14" x 6"	200	97	.007	2 - 5 - 11	.010	2 - 4 - 9	.013	1 - 2 - 5	-	24	-	11	-	-	-	
	300	145	.017	5 - 8 - 16	.023	4 - 7 - 12	.029	2 - 4 - 7	-	34	21	22	-	-	-	
	400	193	.030	7 - 11 - 18	.041	6 - 9 - 14	.052	3 - 5 - 8	12	40	29	30	16	-	-	
	500	242	.046	9 - 14 - 20	.064	7 - 11 - 16	.081	4 - 6 - 9	19	46	35	36	24	11	-	
	600	290	.067	11 - 16 - 22	.092	9 - 12 - 17	.117	5 - 7 - 10	24	50	40	41	31	20	15	
	700	338	.091	13 - 17 - 24	.125	10 - 13 - 19	.159	6 - 8 - 11	29	53	44	45	37	28	23	
	800	386	.119	15 - 18 - 26	.163	11 - 14 - 20	.208	7 - 8 - 11	33	57	48	49	42	35	29	
	900	435	.150	16 - 19 - 27	.207	12 - 15 - 21	.263	7 - 9 - 12	36	59	51	52	46	40	35	
1000	483	.186	16 - 20 - 29	.255	13 - 16 - 22	.325	7 - 9 - 13	40	62	54	55	50	46	41		
14" x 8"	200	133	.007	3 - 6 - 13	.010	2 - 5 - 10	.013	1 - 3 - 6	-	26	11	12	-	-	-	
	300	200	.017	6 - 10 - 18	.023	5 - 8 - 14	.029	3 - 4 - 8	-	35	22	23	-	-	-	
	400	267	.030	9 - 13 - 21	.041	7 - 10 - 16	.052	4 - 6 - 10	14	42	30	31	17	-	-	
	500	334	.046	11 - 16 - 24	.064	9 - 13 - 18	.081	5 - 7 - 11	20	47	36	37	25	13	-	
	600	400	.067	13 - 18 - 26	.092	10 - 14 - 20	.117	6 - 8 - 12	26	51	41	42	32	22	16	
	700	467	.091	15 - 20 - 28	.125	12 - 15 - 22	.159	7 - 9 - 13	30	55	45	46	38	29	24	
	800	534	.119	17 - 21 - 30	.163	13 - 16 - 23	.208	8 - 10 - 14	34	58	49	50	43	36	31	
	900	600	.150	18 - 23 - 32	.207	14 - 17 - 25	.263	8 - 10 - 14	38	61	52	53	48	42	37	
1000	667	.186	19 - 24 - 34	.255	15 - 18 - 26	.325	9 - 11 - 15	41	63	55	56	52	47	42		
20" x 3"	300	90	.017	4 - 7 - 12	.023	3 - 5 - 10	.029	2 - 3 - 6	-	32	19	20	-	-	-	
	400	120	.030	6 - 9 - 14	.041	5 - 7 - 11	.052	3 - 4 - 6	-	38	27	28	14	-	-	
	500	150	.046	7 - 11 - 16	.064	6 - 9 - 12	.081	3 - 5 - 7	17	44	33	34	22	-	-	
	600	180	.067	9 - 12 - 17	.092	7 - 10 - 14	.117	4 - 6 - 8	22	48	38	39	29	18	13	
	700	211	.091	10 - 13 - 19	.125	8 - 10 - 15	.159	5 - 6 - 8	27	51	42	43	35	26	21	
	800	241	.119	12 - 14 - 20	.163	9 - 11 - 16	.208	5 - 6 - 9	31	54	46	47	40	33	28	
	900	271	.150	12 - 15 - 21	.207	10 - 12 - 17	.263	6 - 7 - 10	35	57	49	50	44	38	34	
	1000	301	.186	13 - 16 - 23	.255	10 - 12 - 17	.325	6 - 7 - 10	38	60	52	53	48	44	39	
1100	331	.225	14 - 17 - 24	.309	11 - 13 - 18	.393	6 - 8 - 11	41	62	54	55	52	48	44		
20" x 4"	300	130	.017	5 - 8 - 15	.023	4 - 6 - 12	.029	2 - 4 - 7	-	33	20	22	-	-	-	
	400	174	.030	7 - 11 - 17	.041	5 - 8 - 13	.052	3 - 5 - 8	12	40	28	29	15	-	-	
	500	217	.046	9 - 13 - 19	.064	7 - 10 - 15	.081	4 - 6 - 9	18	45	34	35	24	11	-	
	600	261	.067	11 - 15 - 21	.092	8 - 12 - 16	.117	5 - 7 - 9	24	49	39	40	31	20	14	
	700	304	.091	12 - 16 - 23	.125	10 - 12 - 18	.159	6 - 7 - 10	29	53	44	44	36	28	22	
	800	348	.119	14 - 17 - 24	.163	11 - 13 - 19	.208	6 - 8 - 11	33	56	47	48	41	34	29	
	900	391	.150	15 - 18 - 26	.207	12 - 14 - 20	.263	7 - 8 - 12	36	59	50	51	46	40	35	
	1000	434	.186	16 - 19 - 27	.255	12 - 15 - 21	.325	7 - 9 - 12	39	61	53	54	50	45	40	
1100	478	.225	16 - 20 - 28	.309	13 - 16 - 22	.393	7 - 9 - 13	42	63	56	57	53	50	45		
20" x 8"	200	194	.007	3 - 7 - 16	.010	3 - 6 - 12	.013	1 - 3 - 7	-	27	13	14	-	-	-	
	300	291	.017	7 - 12 - 22	.023	6 - 9 - 17	.029	3 - 5 - 10	-	37	24	25	-	-	-	
	400	388	.030	11 - 16 - 26	.041	8 - 12 - 20	.052	5 - 7 - 12	15	43	32	33	19	-	-	
	500	485	.046	13 - 20 - 29	.064	10 - 15 - 22	.081	6 - 9 - 13	22	48	38	39	27	14	-	
	600	582	.067	16 - 22 - 31	.092	12 - 17 - 24	.117	7 - 10 - 14	27	53	43	44	34	23	18	
	700	678	.091	19 - 24 - 34	.125	14 - 19 - 26	.159	8 - 11 - 15	32	56	47	48	40	31	26	
	800	775	.119	21 - 26 - 36	.163	16 - 20 - 28	.208	9 - 12 - 16	36	59	51	51	45	38	32	
	900	872	.150	22 - 27 - 38	.207	17 - 21 - 30	.263	10 - 12 - 17	39	62	54	55	49	43	38	
1000	969	.186	23 - 29 - 40	.255	18 - 22 - 31	.325	11 - 13 - 18	43	65	57	57	53	49	44		
20" x 12"	150	226	.004	2 - 5 - 15	.006	2 - 4 - 11	.007	1 - 2 - 7	-	22	-	-	-	-	-	
	275	414	.014	8 - 14 - 26	.019	6 - 11 - 20	.025	3 - 6 - 12	-	36	23	25	-	-	-	
	350	526	.023	12 - 17 - 30	.031	9 - 13 - 23	.040	5 - 8 - 13	13	42	30	31	15	-	-	
	425	639	.034	14 - 21 - 33	.046	11 - 16 - 25	.059	6 - 9 - 15	19	47	35	36	23	-	-	
	500	752	.046	16 - 25 - 36	.064	13 - 19 - 28	.081	7 - 11 - 16	24	50	40	41	29	16	-	
	575	865	.061	19 - 27 - 38	.084	15 - 21 - 30	.107	9 - 12 - 17	28	54	43	44	34	23	17	
	650	978	.078	21 - 29 - 41	.108	17 - 22 - 31	.137	10 - 13 - 18	32	56	47	48	39	29	24	
	725	1090	.098	24 - 30 - 43	.134	19 - 24 - 33	.171	11 - 14 - 19	35	59	50	51	43	35	29	
800	1203	.119	26 - 32 - 45	.163	20 - 25 - 35	.208	12 - 14 - 20	38	61	52	53	47	39	34		

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 or dB value of less than 10. Nominal duct is duct width. 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.

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DUCT MOUNTED GRILLES & LOUVERS

5DMG * R - 5DMG * U

5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU Performance Data
FREE JET AIRFLOW IP DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct in	Neck Vel FPM	Air Flow CFM	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			"WG	ft	"WG	ft	"WG	ft								
30" x 3"	200	91	.007	2 - 5 - 11	.010	2 - 4 - 8	.013	1 - 2 - 5	-	24	-	11	-	-	-	
	300	137	.017	5 - 8 - 15	.023	4 - 6 - 12	.029	2 - 4 - 7	-	33	21	22	-	-	-	
	400	183	.030	7 - 11 - 18	.041	6 - 8 - 14	.052	3 - 5 - 8	12	40	28	30	15	-	-	
	500	229	.046	9 - 14 - 20	.064	7 - 11 - 15	.081	4 - 6 - 9	19	45	35	36	24	11	-	
	600	274	.067	11 - 15 - 22	.092	8 - 12 - 17	.117	5 - 7 - 10	24	50	40	41	31	20	15	
	700	320	.091	13 - 16 - 23	.125	10 - 13 - 18	.159	6 - 7 - 10	29	53	44	45	37	28	22	
	800	366	.119	14 - 18 - 25	.163	11 - 14 - 19	.208	6 - 8 - 11	33	56	47	48	42	34	29	
	900	411	.150	15 - 19 - 26	.207	12 - 14 - 20	.263	7 - 8 - 12	36	59	51	51	46	40	35	
1000	457	.186	16 - 20 - 28	.255	12 - 15 - 22	.325	7 - 9 - 13	39	61	54	54	50	45	41		
30" x 4"	200	132	.007	3 - 6 - 13	.010	2 - 5 - 10	.013	1 - 3 - 6	-	26	11	12	-	-	-	
	300	198	.017	6 - 10 - 18	.023	5 - 8 - 14	.029	3 - 4 - 8	-	35	22	23	-	-	-	
	400	264	.030	9 - 13 - 21	.041	7 - 10 - 16	.052	4 - 6 - 10	14	42	30	31	17	-	-	
	500	330	.046	11 - 16 - 24	.064	8 - 13 - 18	.081	5 - 7 - 11	20	47	36	37	25	13	-	
	600	396	.067	13 - 18 - 26	.092	10 - 14 - 20	.117	6 - 8 - 12	26	51	41	42	32	22	16	
	700	462	.091	15 - 20 - 28	.125	12 - 15 - 22	.159	7 - 9 - 13	30	55	45	46	38	29	24	
	800	528	.119	17 - 21 - 30	.163	13 - 16 - 23	.208	8 - 10 - 13	34	58	49	50	43	36	31	
	900	594	.150	18 - 22 - 32	.207	14 - 17 - 25	.263	8 - 10 - 14	38	61	52	53	48	42	37	
1000	660	.186	19 - 24 - 33	.255	15 - 18 - 26	.325	9 - 11 - 15	41	63	55	56	52	47	42		
30" x 8"	150	221	.004	2 - 5 - 15	.006	2 - 4 - 11	.007	1 - 2 - 7	-	22	-	-	-	-	-	
	275	405	.014	8 - 13 - 26	.019	6 - 10 - 20	.025	3 - 6 - 12	-	36	23	24	-	-	-	
	350	515	.023	11 - 17 - 30	.031	9 - 13 - 23	.040	5 - 8 - 13	13	42	30	31	15	-	-	
	425	626	.034	14 - 21 - 33	.046	11 - 16 - 25	.059	6 - 9 - 15	19	46	35	36	23	-	-	
	500	736	.046	16 - 24 - 35	.064	13 - 19 - 27	.081	7 - 11 - 16	24	50	39	41	29	16	-	
	575	847	.061	19 - 27 - 38	.084	15 - 21 - 29	.107	8 - 12 - 17	28	54	43	44	34	23	17	
	650	957	.078	21 - 28 - 40	.108	16 - 22 - 31	.137	10 - 13 - 18	31	56	47	48	39	29	24	
	725	1068	.098	24 - 30 - 42	.134	18 - 23 - 33	.171	11 - 14 - 19	35	59	50	51	43	35	29	
800	1178	.119	26 - 32 - 45	.163	20 - 24 - 35	.208	12 - 14 - 20	38	61	52	53	47	39	34		
30" x 12"	150	343	.004	3 - 6 - 18	.006	2 - 5 - 14	.007	1 - 3 - 8	-	24	-	-	-	-	-	
	275	628	.014	10 - 17 - 33	.019	7 - 13 - 25	.025	4 - 8 - 15	-	38	25	26	-	-	-	
	350	800	.023	14 - 21 - 37	.031	11 - 17 - 28	.040	6 - 10 - 17	15	44	32	33	17	-	-	
	425	971	.034	17 - 26 - 41	.046	13 - 20 - 31	.059	8 - 12 - 18	21	48	37	38	25	-	-	
	500	1143	.046	20 - 30 - 44	.064	16 - 24 - 34	.081	9 - 14 - 20	25	52	41	42	31	18	12	
	575	1314	.061	23 - 33 - 47	.084	18 - 26 - 37	.107	11 - 15 - 21	30	55	45	46	36	25	19	
	650	1485	.078	26 - 35 - 50	.108	20 - 27 - 39	.137	12 - 16 - 23	33	58	49	49	41	31	25	
	725	1657	.098	29 - 37 - 53	.134	23 - 29 - 41	.171	13 - 17 - 24	37	61	52	52	45	36	31	
800	1828	.119	32 - 39 - 56	.163	25 - 30 - 43	.208	14 - 18 - 25	39	63	54	55	48	41	36		
36" x 3"	200	110	.007	2 - 6 - 12	.010	2 - 4 - 9	.013	1 - 3 - 5	-	25	-	12	-	-	-	
	300	165	.017	6 - 9 - 17	.023	4 - 7 - 13	.029	3 - 4 - 8	-	34	21	23	-	-	-	
	400	220	.030	8 - 12 - 19	.041	6 - 9 - 15	.052	4 - 5 - 9	13	41	29	30	16	-	-	
	500	275	.046	10 - 15 - 22	.064	8 - 12 - 17	.081	4 - 7 - 10	19	46	35	36	25	12	-	
	600	330	.067	12 - 17 - 24	.092	9 - 13 - 18	.117	5 - 8 - 11	25	50	40	41	32	21	15	
	700	386	.091	14 - 18 - 26	.125	11 - 14 - 20	.159	6 - 8 - 11	30	54	45	45	37	29	23	
	800	441	.119	16 - 19 - 27	.163	12 - 15 - 21	.208	7 - 9 - 12	34	57	48	49	42	35	30	
	900	496	.150	17 - 20 - 29	.207	13 - 16 - 22	.263	8 - 9 - 13	37	60	51	52	47	41	36	
1000	551	.186	18 - 22 - 31	.255	14 - 17 - 24	.325	8 - 10 - 14	40	62	54	55	51	46	41		
36" x 4"	200	159	.007	3 - 7 - 14	.010	2 - 5 - 11	.013	1 - 3 - 6	-	26	12	13	-	-	-	
	300	239	.017	7 - 11 - 20	.023	5 - 8 - 16	.029	3 - 5 - 9	-	36	23	24	-	-	-	
	400	318	.030	10 - 14 - 23	.041	7 - 11 - 18	.052	4 - 6 - 10	14	42	31	32	18	-	-	
	500	398	.046	12 - 18 - 26	.064	9 - 14 - 20	.081	5 - 8 - 12	21	48	37	38	26	14	-	
	600	477	.067	14 - 20 - 28	.092	11 - 16 - 22	.117	6 - 9 - 13	26	52	42	43	33	23	17	
	700	557	.091	17 - 22 - 31	.125	13 - 17 - 24	.159	8 - 10 - 14	31	55	46	47	39	30	25	
	800	636	.119	19 - 23 - 33	.163	15 - 18 - 25	.208	9 - 10 - 15	35	59	50	51	44	37	32	
	900	716	.150	20 - 25 - 35	.207	16 - 19 - 27	.263	9 - 11 - 16	39	61	53	54	48	43	38	
1000	796	.186	21 - 26 - 37	.255	16 - 20 - 28	.325	10 - 12 - 16	42	64	56	57	52	48	43		

DUCT MOUNTED GRILLES & LOUVERS

5DMG*R - 5DMG*U

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 or dB value of less than 10. Nominal duct is duct width. 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.

5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU Performance Data

FREE JET AIRFLOW IP DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct in	Neck Vel FPM	Air Flow CFM	0°		22.5°		45°		NC	Octave Band, dB						
			Pt "WG	Throw ft	Pt "WG	Throw ft	Pt "WG	Throw ft		2	3	4	5	6	7	
36" x 8"	150	266	.004	3 - 6 - 16	.006	2 - 4 - 12	.007	1 - 3 - 7	-	23	-	-	-	-	-	
	275	488	.014	8 - 15 - 29	.019	7 - 11 - 22	.025	4 - 7 - 13	-	37	24	25	-	-	-	
	350	621	.023	13 - 19 - 32	.031	10 - 15 - 25	.040	6 - 8 - 15	14	43	30	32	16	-	-	
	425	754	.034	15 - 23 - 36	.046	12 - 18 - 28	.059	7 - 10 - 16	20	47	36	37	23	-	-	
	500	887	.046	18 - 27 - 39	.064	14 - 21 - 30	.081	8 - 12 - 17	24	51	40	41	30	17	11	
	575	1020	.061	21 - 29 - 42	.084	16 - 23 - 32	.107	9 - 13 - 19	29	54	44	45	35	24	18	
	650	1154	.078	23 - 31 - 44	.108	18 - 24 - 34	.137	10 - 14 - 20	32	57	47	48	39	30	24	
	725	1287	.098	26 - 33 - 47	.134	20 - 26 - 36	.171	12 - 15 - 21	35	60	50	51	44	35	30	
800	1420	.119	28 - 35 - 49	.163	22 - 27 - 38	.208	13 - 16 - 22	38	62	53	54	47	40	35		
36" x 12"	150	413	.004	3 - 7 - 20	.006	2 - 5 - 16	.007	1 - 3 - 9	-	25	-	11	-	-	-	
	275	757	.014	11 - 18 - 36	.019	8 - 14 - 28	.025	5 - 8 - 16	-	39	26	27	-	-	-	
	350	964	.023	16 - 23 - 40	.031	12 - 18 - 31	.040	7 - 11 - 18	16	45	32	34	18	-	-	
	425	1170	.034	19 - 28 - 44	.046	15 - 22 - 34	.059	9 - 13 - 20	21	49	38	39	25	11	-	
	500	1377	.046	22 - 33 - 48	.064	17 - 26 - 37	.081	10 - 15 - 22	26	53	42	43	31	19	13	
	575	1583	.061	26 - 37 - 52	.084	20 - 28 - 40	.107	12 - 16 - 23	30	56	46	47	37	26	20	
	650	1790	.078	29 - 39 - 55	.108	22 - 30 - 43	.137	13 - 17 - 25	34	59	49	50	41	32	26	
	725	1997	.098	32 - 41 - 58	.134	25 - 32 - 45	.171	15 - 18 - 26	37	62	52	53	45	37	32	
800	2203	.119	35 - 43 - 61	.163	27 - 33 - 47	.208	16 - 19 - 27	40	64	55	56	49	42	37		
48" x 3"	100	74	.002	1 - 2 - 6	.003	1 - 1 - 5	.003	0 - 1 - 3	-	-	-	-	-	-	-	
	200	148	.007	3 - 6 - 14	.010	2 - 5 - 11	.013	1 - 3 - 6	-	26	11	13	-	-	-	
	300	221	.017	6 - 10 - 19	.023	5 - 8 - 15	.029	3 - 5 - 9	-	35	23	24	-	-	-	
	400	295	.030	9 - 14 - 22	.041	7 - 11 - 17	.052	4 - 6 - 10	14	42	30	32	17	-	-	
	500	369	.046	12 - 17 - 25	.064	9 - 13 - 19	.081	5 - 8 - 11	21	47	37	38	26	13	-	
	600	443	.067	14 - 19 - 27	.092	11 - 15 - 21	.117	6 - 9 - 12	26	52	42	43	33	22	17	
	700	517	.091	16 - 21 - 30	.125	13 - 16 - 23	.159	7 - 9 - 13	31	55	46	47	39	30	24	
	800	591	.119	18 - 22 - 32	.163	14 - 17 - 24	.208	8 - 10 - 14	35	58	49	50	44	36	31	
900	664	.150	19 - 24 - 34	.207	15 - 18 - 26	.263	9 - 11 - 15	38	61	53	53	48	42	37		
48" x 4"	100	107	.002	1 - 2 - 8	.003	1 - 2 - 6	.003	0 - 1 - 4	-	11	-	-	-	-	-	
	200	213	.007	3 - 8 - 17	.010	3 - 6 - 13	.013	2 - 4 - 7	-	28	13	14	-	-	-	
	300	320	.017	8 - 12 - 23	.023	6 - 10 - 18	.029	4 - 6 - 10	-	37	24	25	-	-	-	
	400	427	.030	11 - 17 - 27	.041	9 - 13 - 21	.052	5 - 7 - 12	16	44	32	33	19	-	-	
	500	533	.046	14 - 21 - 30	.064	11 - 16 - 23	.081	6 - 9 - 14	22	49	38	39	27	15	-	
	600	640	.067	17 - 23 - 33	.092	13 - 18 - 25	.117	7 - 10 - 15	28	53	43	44	34	24	18	
	700	746	.091	19 - 25 - 36	.125	15 - 19 - 28	.159	9 - 11 - 16	32	57	47	48	40	31	26	
	800	853	.119	22 - 27 - 38	.163	17 - 21 - 29	.208	10 - 12 - 17	36	60	51	52	45	38	33	
900	960	.150	23 - 28 - 40	.207	18 - 22 - 31	.263	10 - 13 - 18	40	63	54	55	50	44	39		
48" x 8"	150	357	.004	3 - 7 - 19	.006	2 - 5 - 14	.007	1 - 3 - 8	-	24	-	-	-	-	-	
	275	654	.014	10 - 17 - 33	.019	8 - 13 - 26	.025	4 - 8 - 15	-	38	25	26	-	-	-	
	350	833	.023	14 - 22 - 38	.031	11 - 17 - 29	.040	7 - 10 - 17	15	44	32	33	17	-	-	
	425	1011	.034	18 - 26 - 41	.046	14 - 20 - 32	.059	8 - 12 - 19	21	48	37	38	25	-	-	
	500	1189	.046	21 - 31 - 45	.064	16 - 24 - 35	.081	9 - 14 - 20	26	52	42	43	31	18	12	
	575	1368	.061	24 - 34 - 48	.084	18 - 26 - 37	.107	11 - 15 - 22	30	56	45	46	36	25	19	
	650	1546	.078	27 - 36 - 51	.108	21 - 28 - 40	.137	12 - 16 - 23	33	58	49	50	41	31	25	
	725	1725	.098	30 - 38 - 54	.134	23 - 30 - 42	.171	14 - 17 - 24	37	61	52	53	45	37	31	
800	1903	.119	33 - 40 - 57	.163	25 - 31 - 44	.208	15 - 18 - 26	40	63	54	55	49	41	36		

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 or dB value of less than 10. Nominal duct is duct width. 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.

DUCT MOUNTED GRILLES & LOUVERS

5DMG * R - 5DMG * U