

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

Nom Duct	Neck Vel	Air Flow	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			Pa	m	Pa	m	Pa	m								
254 x 76	1.52	20	4.2	0.9 - 1.4 - 2.6	5.7	0.7 - 1.1 - 2.0	7.3	0.4 - 0.6 - 1.2	-	29	16	17	-	-	-	
	2.03	27	7.4	1.2 - 1.9 - 3.0	10.2	1.0 - 1.4 - 2.3	12.9	0.6 - 0.8 - 1.4	-	35	24	25	11	-	-	
	2.54	34	11.6	1.6 - 2.3 - 3.4	15.9	1.2 - 1.8 - 2.6	20.2	0.7 - 1.0 - 1.5	14	40	30	31	19	-	-	
	3.05	41	16.7	1.9 - 2.6 - 3.7	22.9	1.4 - 2.0 - 2.9	29.1	0.8 - 1.2 - 1.7	19	45	35	36	26	15	-	
	3.56	48	22.7	2.2 - 2.8 - 4.0	31.2	1.7 - 2.2 - 3.1	39.6	1.0 - 1.3 - 1.8	24	48	39	40	32	23	18	
	4.06	55	29.6	2.5 - 3.0 - 4.2	40.7	1.9 - 2.3 - 3.3	51.8	1.1 - 1.4 - 1.9	28	51	43	43	37	30	25	
	5.08	68	46.2	2.7 - 3.4 - 4.8	63.6	2.1 - 2.6 - 3.7	80.9	1.2 - 1.5 - 2.1	35	57	49	49	45	41	36	
	5.59	75	56.0	2.9 - 3.5 - 5.0	76.9	2.2 - 2.7 - 3.9	97.9	1.3 - 1.6 - 2.2	37	59	51	52	49	45	41	
6.10	82	66.6	3.0 - 3.7 - 5.2	91.6	2.3 - 2.9 - 4.0	116.5	1.4 - 1.7 - 2.3	40	61	54	54	52	50	45		
254 x 102	1.52	30	4.2	1.0 - 1.7 - 3.1	5.7	0.8 - 1.3 - 2.4	7.3	0.5 - 0.8 - 1.4	-	30	17	19	-	-	-	
	2.03	39	7.4	1.5 - 2.2 - 3.6	10.2	1.2 - 1.7 - 2.8	12.9	0.7 - 1.0 - 1.6	-	37	25	26	12	-	-	
	2.54	49	11.6	1.9 - 2.8 - 4.0	15.9	1.4 - 2.2 - 3.1	20.2	0.8 - 1.3 - 1.8	15	42	31	32	21	-	-	
	3.05	59	16.7	2.2 - 3.1 - 4.4	22.9	1.7 - 2.4 - 3.4	29.1	1.0 - 1.4 - 2.0	21	46	36	37	27	17	11	
	3.56	69	22.7	2.6 - 3.4 - 4.8	31.2	2.0 - 2.6 - 3.7	39.6	1.2 - 1.5 - 2.1	25	50	40	41	33	25	19	
	4.06	79	29.6	2.9 - 3.6 - 5.1	40.7	2.3 - 2.8 - 4.0	51.8	1.3 - 1.6 - 2.3	29	53	44	45	38	31	26	
	5.08	99	46.2	3.3 - 4.0 - 5.7	63.6	2.6 - 3.1 - 4.4	80.9	1.5 - 1.8 - 2.6	36	58	50	51	47	42	37	
	5.59	108	56.0	3.5 - 4.2 - 6.0	76.9	2.7 - 3.3 - 4.6	97.9	1.6 - 1.9 - 2.7	39	60	53	54	50	47	42	
6.10	118	66.6	3.6 - 4.4 - 6.3	91.6	2.8 - 3.4 - 4.8	116.5	1.6 - 2.0 - 2.8	42	62	55	56	54	51	47		
254 x 152	1.52	48	4.2	1.3 - 2.1 - 4.0	5.7	1.0 - 1.7 - 3.1	7.3	0.6 - 1.0 - 1.8	-	32	19	21	-	-	-	
	2.03	64	7.4	1.9 - 2.8 - 4.6	10.2	1.5 - 2.2 - 3.6	12.9	0.9 - 1.3 - 2.1	11	39	27	28	14	-	-	
	2.54	80	11.6	2.4 - 3.6 - 5.1	15.9	1.8 - 2.8 - 4.0	20.2	1.1 - 1.6 - 2.3	17	44	33	34	23	-	-	
	3.05	95	16.7	2.8 - 4.0 - 5.6	22.9	2.2 - 3.1 - 4.4	29.1	1.3 - 1.8 - 2.5	23	48	38	39	29	19	13	
	3.56	111	22.7	3.3 - 4.3 - 6.1	31.2	2.6 - 3.3 - 4.7	39.6	1.5 - 1.9 - 2.7	27	52	42	43	35	27	21	
	4.06	127	29.6	3.7 - 4.6 - 6.5	40.7	2.9 - 3.6 - 5.0	51.8	1.7 - 2.1 - 2.9	31	55	46	47	40	33	28	
	4.57	143	37.5	4.0 - 4.9 - 6.9	51.5	3.1 - 3.8 - 5.3	65.5	1.8 - 2.2 - 3.1	35	58	49	50	45	39	34	
	5.08	159	46.2	4.2 - 5.1 - 7.3	63.6	3.2 - 4.0 - 5.6	80.9	1.9 - 2.3 - 3.3	38	60	52	53	49	44	39	
5.59	175	56.0	4.4 - 5.4 - 7.6	76.9	3.4 - 4.2 - 5.9	97.9	2.0 - 2.4 - 3.4	41	62	55	56	52	49	44		
305 x 102	1.02	24	1.9	0.5 - 1.2 - 2.5	2.5	0.4 - 0.9 - 1.9	3.2	0.2 - 0.5 - 1.1	-	21	-	-	-	-	-	
	1.52	36	4.2	1.2 - 1.9 - 3.4	5.7	0.9 - 1.4 - 2.7	7.3	0.5 - 0.8 - 1.6	-	31	18	19	-	-	-	
	2.03	48	7.4	1.6 - 2.5 - 4.0	10.2	1.3 - 1.9 - 3.1	12.9	0.7 - 1.1 - 1.8	-	38	26	27	13	-	-	
	2.54	60	11.6	2.1 - 3.1 - 4.5	15.9	1.6 - 2.4 - 3.5	20.2	0.9 - 1.4 - 2.0	16	43	32	33	21	-	-	
	3.05	72	16.7	2.5 - 3.4 - 4.9	22.9	1.9 - 2.7 - 3.8	29.1	1.1 - 1.6 - 2.2	22	47	37	38	28	18	12	
	3.56	84	22.7	2.9 - 3.7 - 5.3	31.2	2.2 - 2.9 - 4.1	39.6	1.3 - 1.7 - 2.4	26	51	41	42	34	25	20	
	4.06	96	29.6	3.3 - 4.0 - 5.6	40.7	2.5 - 3.1 - 4.4	51.8	1.5 - 1.8 - 2.5	30	54	45	46	39	32	27	
	4.57	108	37.5	3.4 - 4.2 - 6.0	51.5	2.7 - 3.3 - 4.6	65.5	1.6 - 1.9 - 2.7	34	57	48	49	44	38	33	
5.08	120	46.2	3.6 - 4.5 - 6.3	63.6	2.8 - 3.5 - 4.9	80.9	1.6 - 2.0 - 2.8	37	59	51	52	48	43	38		
356 x 76	1.52	29	4.2	1.0 - 1.7 - 3.1	5.7	0.8 - 1.3 - 2.4	7.3	0.5 - 0.8 - 1.4	-	30	17	18	-	-	-	
	2.03	39	7.4	1.5 - 2.2 - 3.6	10.2	1.2 - 1.7 - 2.8	12.9	0.7 - 1.0 - 1.6	-	37	25	26	12	-	-	
	2.54	49	11.6	1.9 - 2.8 - 4.0	15.9	1.4 - 2.2 - 3.1	20.2	0.8 - 1.3 - 1.8	15	42	31	32	21	-	-	
	3.05	59	16.7	2.2 - 3.1 - 4.4	22.9	1.7 - 2.4 - 3.4	29.1	1.0 - 1.4 - 2.0	21	46	36	37	27	17	11	
	3.56	68	22.7	2.6 - 3.4 - 4.8	31.2	2.0 - 2.6 - 3.7	39.6	1.2 - 1.5 - 2.1	25	50	40	41	33	24	19	
	4.06	78	29.6	2.9 - 3.6 - 5.1	40.7	2.3 - 2.8 - 3.9	51.8	1.3 - 1.6 - 2.3	29	53	44	45	38	31	26	
	4.57	88	37.5	3.1 - 3.8 - 5.4	51.5	2.4 - 3.0 - 4.2	65.5	1.4 - 1.7 - 2.4	33	56	47	48	43	37	32	
	5.08	98	46.2	3.3 - 4.0 - 5.7	63.6	2.5 - 3.1 - 4.4	80.9	1.5 - 1.8 - 2.6	36	58	50	51	47	42	37	
5.59	107	56.0	3.4 - 4.2 - 6.0	76.9	2.7 - 3.3 - 4.6	97.9	1.5 - 1.9 - 2.7	39	60	53	54	50	47	42		
356 x 102	1.52	42	4.2	1.3 - 2.0 - 3.7	5.7	1.0 - 1.6 - 2.9	7.3	0.6 - 0.9 - 1.7	-	32	19	20	-	-	-	
	2.03	56	7.4	1.8 - 2.7 - 4.3	10.2	1.4 - 2.1 - 3.3	12.9	0.8 - 1.2 - 1.9	-	38	27	28	14	-	-	
	2.54	71	11.6	2.2 - 3.3 - 4.8	15.9	1.7 - 2.6 - 3.7	20.2	1.0 - 1.5 - 2.2	17	44	33	34	22	-	-	
	3.05	85	16.7	2.7 - 3.7 - 5.3	22.9	2.1 - 2.9 - 4.1	29.1	1.2 - 1.7 - 2.4	22	48	38	39	29	18	13	
	3.56	99	22.7	3.1 - 4.0 - 5.7	31.2	2.4 - 3.1 - 4.4	39.6	1.4 - 1.8 - 2.6	27	51	42	43	35	26	21	
	4.06	113	29.6	3.5 - 4.3 - 6.1	40.7	2.7 - 3.3 - 4.7	51.8	1.6 - 1.9 - 2.8	31	54	46	46	40	33	28	
	4.57	127	37.5	3.7 - 4.6 - 6.5	51.5	2.9 - 3.6 - 5.0	65.5	1.7 - 2.1 - 2.9	34	57	49	50	44	38	34	
	5.08	141	46.2	3.9 - 4.8 - 6.8	63.6	3.1 - 3.7 - 5.3	80.9	1.8 - 2.2 - 3.1	38	60	52	53	48	44	39	
5.59	155	56.0	4.1 - 5.1 - 7.2	76.9	3.2 - 3.9 - 5.6	97.9	1.9 - 2.3 - 3.2	40	62	54	55	52	48	44		

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 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 METRIC DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct	Neck Vel	Air Flow	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			Pa	m	Pa	m	Pa	m								
356 x 152	1.02	46	1.9	0.7 - 1.6 - 3.4	2.5	0.5 - 1.2 - 2.6	3.2	0.3 - 0.7 - 1.5	-	24	-	11	-	-	-	
	1.52	68	4.2	1.6 - 2.6 - 4.8	5.7	1.2 - 2.0 - 3.7	7.3	0.7 - 1.1 - 2.1	-	34	21	22	-	-	-	
	2.03	91	7.4	2.3 - 3.4 - 5.5	10.2	1.8 - 2.6 - 4.3	12.9	1.0 - 1.5 - 2.5	12	40	29	30	16	-	-	
	2.54	114	11.6	2.8 - 4.3 - 6.1	15.9	2.2 - 3.3 - 4.8	20.2	1.3 - 1.9 - 2.8	19	46	35	36	24	11	-	
	3.05	137	16.7	3.4 - 4.8 - 6.7	22.9	2.6 - 3.7 - 5.2	29.1	1.5 - 2.1 - 3.0	24	50	40	41	31	20	15	
	3.56	160	22.7	4.0 - 5.1 - 7.3	31.2	3.1 - 4.0 - 5.6	39.6	1.8 - 2.3 - 3.3	29	53	44	45	37	28	23	
	4.06	182	29.6	4.5 - 5.5 - 7.8	40.7	3.5 - 4.3 - 6.0	51.8	2.0 - 2.5 - 3.5	33	57	48	49	42	35	29	
	4.57	205	37.5	4.8 - 5.8 - 8.2	51.5	3.7 - 4.5 - 6.4	65.5	2.1 - 2.6 - 3.7	36	59	51	52	46	40	35	
5.08	228	46.2	5.0 - 6.1 - 8.7	63.6	3.9 - 4.8 - 6.7	80.9	2.3 - 2.8 - 3.9	40	62	54	55	50	46	41		
356 x 203	1.02	63	1.9	0.8 - 1.9 - 4.0	2.5	0.6 - 1.4 - 3.1	3.2	0.4 - 0.8 - 1.8	-	26	11	12	-	-	-	
	1.52	94	4.2	1.9 - 3.0 - 5.6	5.7	1.4 - 2.3 - 4.3	7.3	0.8 - 1.4 - 2.5	-	35	22	23	-	-	-	
	2.03	126	7.4	2.7 - 4.0 - 6.5	10.2	2.1 - 3.1 - 5.0	12.9	1.2 - 1.8 - 2.9	14	42	30	31	17	-	-	
	2.54	157	11.6	3.3 - 5.0 - 7.2	15.9	2.6 - 3.9 - 5.6	20.2	1.5 - 2.3 - 3.2	20	47	36	37	25	13	-	
	3.05	189	16.7	4.0 - 5.6 - 7.9	22.9	3.1 - 4.3 - 6.1	29.1	1.8 - 2.5 - 3.6	26	51	41	42	32	22	16	
	3.56	220	22.7	4.7 - 6.0 - 8.5	31.2	3.6 - 4.7 - 6.6	39.6	2.1 - 2.7 - 3.8	30	55	45	46	38	29	24	
	4.06	252	29.6	5.3 - 6.5 - 9.1	40.7	4.1 - 5.0 - 7.1	51.8	2.4 - 2.9 - 4.1	34	58	49	50	43	36	31	
	4.57	283	37.5	5.6 - 6.8 - 9.7	51.5	4.3 - 5.3 - 7.5	65.5	2.5 - 3.1 - 4.4	38	61	52	53	48	42	37	
5.08	315	46.2	5.9 - 7.2 - 10.2	63.6	4.6 - 5.6 - 7.9	80.9	2.7 - 3.2 - 4.6	41	63	55	56	52	47	42		
508 x 76	1.52	43	4.2	1.3 - 2.0 - 3.8	5.7	1.0 - 1.6 - 2.9	7.3	0.6 - 0.9 - 1.7	-	32	19	20	-	-	-	
	2.03	57	7.4	1.8 - 2.7 - 4.3	10.2	1.4 - 2.1 - 3.4	12.9	0.8 - 1.2 - 2.0	-	38	27	28	14	-	-	
	2.54	71	11.6	2.2 - 3.4 - 4.8	15.9	1.7 - 2.6 - 3.8	20.2	1.0 - 1.5 - 2.2	17	44	33	34	22	-	-	
	3.05	85	16.7	2.7 - 3.8 - 5.3	22.9	2.1 - 2.9 - 4.1	29.1	1.2 - 1.7 - 2.4	22	48	38	39	29	18	13	
	3.56	99	22.7	3.1 - 4.1 - 5.7	31.2	2.4 - 3.1 - 4.4	39.6	1.4 - 1.8 - 2.6	27	51	42	43	35	26	21	
	4.06	114	29.6	3.5 - 4.3 - 6.1	40.7	2.7 - 3.4 - 4.8	51.8	1.6 - 2.0 - 2.8	31	54	46	47	40	33	28	
	4.57	128	37.5	3.8 - 4.6 - 6.5	51.5	2.9 - 3.6 - 5.0	65.5	1.7 - 2.1 - 2.9	35	57	49	50	44	38	34	
	5.08	142	46.2	4.0 - 4.8 - 6.9	63.6	3.1 - 3.8 - 5.3	80.9	1.8 - 2.2 - 3.1	38	60	52	53	48	44	39	
5.59	156	56.0	4.1 - 5.1 - 7.2	76.9	3.2 - 3.9 - 5.6	97.9	1.9 - 2.3 - 3.2	41	62	54	55	52	48	44		
508 x 102	1.52	62	4.2	1.5 - 2.4 - 4.5	5.7	1.2 - 1.9 - 3.5	7.3	0.7 - 1.1 - 2.0	-	33	20	22	-	-	-	
	2.03	82	7.4	2.2 - 3.2 - 5.2	10.2	1.7 - 2.5 - 4.0	12.9	1.0 - 1.5 - 2.3	12	40	28	29	15	-	-	
	2.54	103	11.6	2.7 - 4.0 - 5.8	15.9	2.1 - 3.1 - 4.5	20.2	1.2 - 1.8 - 2.6	18	45	34	35	24	11	-	
	3.05	123	16.7	3.2 - 4.5 - 6.4	22.9	2.5 - 3.5 - 4.9	29.1	1.5 - 2.0 - 2.9	24	49	39	40	31	20	14	
	3.56	144	22.7	3.8 - 4.9 - 6.9	31.2	2.9 - 3.8 - 5.3	39.6	1.7 - 2.2 - 3.1	29	53	44	44	36	28	22	
	4.06	164	29.6	4.3 - 5.2 - 7.4	40.7	3.3 - 4.0 - 5.7	51.8	1.9 - 2.3 - 3.3	33	56	47	48	41	34	29	
	4.57	185	37.5	4.5 - 5.5 - 7.8	51.5	3.5 - 4.3 - 6.1	65.5	2.0 - 2.5 - 3.5	36	59	50	51	46	40	35	
	5.08	205	46.2	4.8 - 5.8 - 8.2	63.6	3.7 - 4.5 - 6.4	80.9	2.1 - 2.6 - 3.7	39	61	53	54	50	45	40	
5.59	226	56.0	5.0 - 6.1 - 8.6	76.9	3.9 - 4.7 - 6.7	97.9	2.2 - 2.7 - 3.9	42	63	56	57	53	50	45		
508 x 203	1.02	91	1.9	1.0 - 2.3 - 4.8	2.5	0.8 - 1.7 - 3.7	3.2	0.5 - 1.0 - 2.2	-	27	13	14	-	-	-	
	1.52	137	4.2	2.3 - 3.6 - 6.7	5.7	1.7 - 2.8 - 5.2	7.3	1.0 - 1.6 - 3.0	-	37	24	25	-	-	-	
	2.03	183	7.4	3.2 - 4.8 - 7.8	10.2	2.5 - 3.7 - 6.0	12.9	1.4 - 2.2 - 3.5	15	43	32	33	19	-	-	
	2.54	229	11.6	4.0 - 6.0 - 8.7	15.9	3.1 - 4.7 - 6.7	20.2	1.8 - 2.7 - 3.9	22	48	38	39	27	14	-	
	3.05	274	16.7	4.8 - 6.7 - 9.5	22.9	3.7 - 5.2 - 7.4	29.1	2.2 - 3.0 - 4.3	27	53	43	44	34	23	18	
	3.56	320	22.7	5.6 - 7.3 - 10.3	31.2	4.4 - 5.6 - 8.0	39.6	2.5 - 3.3 - 4.6	32	56	47	48	40	31	26	
	4.06	366	29.6	6.4 - 7.8 - 11.0	40.7	4.9 - 6.0 - 8.5	51.8	2.9 - 3.5 - 5.0	36	59	51	51	45	38	32	
	4.57	412	37.5	6.7 - 8.3 - 11.7	51.5	5.2 - 6.4 - 9.0	65.5	3.0 - 3.7 - 5.3	39	62	54	55	49	43	38	
5.08	457	46.2	7.1 - 8.7 - 12.3	63.6	5.5 - 6.7 - 9.5	80.9	3.2 - 3.9 - 5.5	43	65	57	57	53	49	44		
508 x 305	0.76	106	1.0	0.7 - 1.6 - 4.5	1.4	0.5 - 1.2 - 3.5	1.8	0.3 - 0.7 - 2.0	-	22	-	-	-	-	-	
	1.40	195	3.5	2.4 - 4.1 - 8.0	4.8	1.8 - 3.2 - 6.2	6.1	1.1 - 1.9 - 3.6	-	36	23	25	-	-	-	
	1.78	248	5.7	3.5 - 5.3 - 9.1	7.8	2.7 - 4.1 - 7.0	9.9	1.6 - 2.4 - 4.1	13	42	30	31	15	-	-	
	2.16	302	8.4	4.3 - 6.4 - 10.0	11.5	3.3 - 4.9 - 7.7	14.6	1.9 - 2.9 - 4.5	19	47	35	36	23	-	-	
	2.54	355	11.6	5.0 - 7.5 - 10.8	15.9	3.9 - 5.8 - 8.4	20.2	2.3 - 3.4 - 4.9	24	50	40	41	29	16	-	
	2.92	408	15.3	5.8 - 8.2 - 11.6	21.0	4.5 - 6.4 - 9.0	26.8	2.6 - 3.7 - 5.2	28	54	43	44	34	23	17	
	3.30	461	19.5	6.5 - 8.7 - 12.4	26.9	5.0 - 6.8 - 9.6	34.2	2.9 - 3.9 - 5.6	32	56	47	48	39	29	24	
	3.68	515	24.3	7.3 - 9.2 - 13.0	33.4	5.6 - 7.2 - 10.1	42.5	3.3 - 4.2 - 5.9	35	59	50	51	43	35	29	
4.06	568	29.6	7.9 - 9.7 - 13.7	40.7	6.1 - 7.5 - 10.6	51.8	3.6 - 4.4 - 6.2	38	61	52	53	47	39	34		

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 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 METRIC DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct	Neck Vel	Air Flow	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			Pa	m	Pa	m	Pa	m								
762 x 76	1.02	43	1.9	0.7 - 1.5 - 3.3	2.5	0.5 - 1.2 - 2.6	3.2	0.3 - 0.7 - 1.5	-	24	-	11	-	-	-	
	1.52	65	4.2	1.5 - 2.5 - 4.6	5.7	1.2 - 1.9 - 3.6	7.3	0.7 - 1.1 - 2.1	-	33	21	22	-	-	-	
	2.03	86	7.4	2.2 - 3.3 - 5.3	10.2	1.7 - 2.6 - 4.1	12.9	1.0 - 1.5 - 2.4	12	40	28	30	15	-	-	
	2.54	108	11.6	2.8 - 4.1 - 6.0	15.9	2.1 - 3.2 - 4.6	20.2	1.2 - 1.9 - 2.7	19	45	35	36	24	11	-	
	3.05	129	16.7	3.3 - 4.6 - 6.5	22.9	2.6 - 3.6 - 5.1	29.1	1.5 - 2.1 - 2.9	24	50	40	41	31	20	15	
	3.56	151	22.7	3.9 - 5.0 - 7.1	31.2	3.0 - 3.9 - 5.5	39.6	1.7 - 2.2 - 3.2	29	53	44	45	37	28	22	
	4.06	173	29.6	4.4 - 5.3 - 7.6	40.7	3.4 - 4.1 - 5.9	51.8	2.0 - 2.4 - 3.4	33	56	47	48	42	34	29	
	4.57	194	37.5	4.6 - 5.7 - 8.0	51.5	3.6 - 4.4 - 6.2	65.5	2.1 - 2.6 - 3.6	36	59	51	51	46	40	35	
5.08	216	46.2	4.9 - 6.0 - 8.4	63.6	3.8 - 4.6 - 6.5	80.9	2.2 - 2.7 - 3.8	39	61	54	54	50	45	41		
762 x 102	1.02	62	1.9	0.8 - 1.9 - 4.0	2.5	0.6 - 1.4 - 3.1	3.2	0.4 - 0.8 - 1.8	-	26	11	12	-	-	-	
	1.52	93	4.2	1.9 - 3.0 - 5.6	5.7	1.4 - 2.3 - 4.3	7.3	0.8 - 1.3 - 2.5	-	35	22	23	-	-	-	
	2.03	125	7.4	2.7 - 4.0 - 6.4	10.2	2.1 - 3.1 - 5.0	12.9	1.2 - 1.8 - 2.9	14	42	30	31	17	-	-	
	2.54	156	11.6	3.3 - 5.0 - 7.2	15.9	2.6 - 3.9 - 5.6	20.2	1.5 - 2.2 - 3.2	20	47	36	37	25	13	-	
	3.05	187	16.7	4.0 - 5.6 - 7.9	22.9	3.1 - 4.3 - 6.1	29.1	1.8 - 2.5 - 3.5	26	51	41	42	32	22	16	
	3.56	218	22.7	4.6 - 6.0 - 8.5	31.2	3.6 - 4.7 - 6.6	39.6	2.1 - 2.7 - 3.8	30	55	45	46	38	29	24	
	4.06	249	29.6	5.2 - 6.4 - 9.1	40.7	4.1 - 5.0 - 7.0	51.8	2.4 - 2.9 - 4.1	34	58	49	50	43	36	31	
	4.57	280	37.5	5.6 - 6.8 - 9.6	51.5	4.3 - 5.3 - 7.5	65.5	2.5 - 3.1 - 4.3	38	61	52	53	48	42	37	
5.08	312	46.2	5.9 - 7.2 - 10.2	63.6	4.5 - 5.6 - 7.9	80.9	2.6 - 3.2 - 4.6	41	63	55	56	52	47	42		
762 x 203	0.76	104	1.0	0.7 - 1.6 - 4.5	1.4	0.5 - 1.2 - 3.5	1.8	0.3 - 0.7 - 2.0	-	22	-	-	-	-	-	
	1.40	191	3.5	2.3 - 4.1 - 8.0	4.8	1.8 - 3.2 - 6.2	6.1	1.1 - 1.8 - 3.6	-	36	23	24	-	-	-	
	1.78	243	5.7	3.5 - 5.2 - 9.0	7.8	2.7 - 4.0 - 7.0	9.9	1.6 - 2.3 - 4.0	13	42	30	31	15	-	-	
	2.16	295	8.4	4.2 - 6.3 - 9.9	11.5	3.3 - 4.9 - 7.7	14.6	1.9 - 2.8 - 4.4	19	46	35	36	23	-	-	
	2.54	348	11.6	5.0 - 7.4 - 10.7	15.9	3.8 - 5.8 - 8.3	20.2	2.2 - 3.3 - 4.8	24	50	39	41	29	16	-	
	2.92	400	15.3	5.7 - 8.1 - 11.5	21.0	4.4 - 6.3 - 8.9	26.8	2.6 - 3.7 - 5.2	28	54	43	44	34	23	17	
	3.30	452	19.5	6.4 - 8.6 - 12.2	26.9	5.0 - 6.7 - 9.5	34.2	2.9 - 3.9 - 5.5	31	56	47	48	39	29	24	
	3.68	504	24.3	7.2 - 9.1 - 12.9	33.4	5.6 - 7.1 - 10.0	42.5	3.2 - 4.1 - 5.8	35	59	50	51	43	35	29	
4.06	556	29.6	7.8 - 9.6 - 13.6	40.7	6.1 - 7.4 - 10.5	51.8	3.5 - 4.3 - 6.1	38	61	52	53	47	39	34		
762 x 305	0.76	162	1.0	0.9 - 1.9 - 5.6	1.4	0.7 - 1.5 - 4.3	1.8	0.4 - 0.9 - 2.5	-	24	-	-	-	-	-	
	1.40	297	3.5	2.9 - 5.1 - 9.9	4.8	2.3 - 3.9 - 7.7	6.1	1.3 - 2.3 - 4.5	-	38	25	26	-	-	-	
	1.78	377	5.7	4.3 - 6.5 - 11.2	7.8	3.3 - 5.0 - 8.7	9.9	1.9 - 2.9 - 5.0	15	44	32	33	17	-	-	
	2.16	458	8.4	5.2 - 7.9 - 12.3	11.5	4.1 - 6.1 - 9.5	14.6	2.4 - 3.5 - 5.5	21	48	37	38	25	-	-	
	2.54	539	11.6	6.2 - 9.3 - 13.4	15.9	4.8 - 7.2 - 10.4	20.2	2.8 - 4.2 - 6.0	25	52	41	42	31	18	12	
	2.92	620	15.3	7.1 - 10.1 - 14.3	21.0	5.5 - 7.8 - 11.1	26.8	3.2 - 4.6 - 6.4	30	55	45	46	36	25	19	
	3.30	701	19.5	8.0 - 10.8 - 15.2	26.9	6.2 - 8.3 - 11.8	34.2	3.6 - 4.8 - 6.9	33	58	49	49	41	31	25	
	3.68	782	24.3	8.9 - 11.4 - 16.1	33.4	6.9 - 8.8 - 12.5	42.5	4.0 - 5.1 - 7.2	37	61	52	52	45	36	31	
4.06	863	29.6	9.8 - 11.9 - 16.9	40.7	7.6 - 9.3 - 13.1	51.8	4.4 - 5.4 - 7.6	39	63	54	55	48	41	36		
914 x 76	1.02	52	1.9	0.8 - 1.7 - 3.6	2.5	0.6 - 1.3 - 2.8	3.2	0.3 - 0.8 - 1.6	-	25	-	12	-	-	-	
	1.52	78	4.2	1.7 - 2.7 - 5.1	5.7	1.3 - 2.1 - 3.9	7.3	0.8 - 1.2 - 2.3	-	34	21	23	-	-	-	
	2.03	104	7.4	2.4 - 3.6 - 5.9	10.2	1.9 - 2.8 - 4.5	12.9	1.1 - 1.6 - 2.6	13	41	29	30	16	-	-	
	2.54	130	11.6	3.0 - 4.5 - 6.6	15.9	2.3 - 3.5 - 5.1	20.2	1.4 - 2.0 - 3.0	19	46	35	36	25	12	-	
	3.05	156	16.7	3.6 - 5.1 - 7.2	22.9	2.8 - 3.9 - 5.6	29.1	1.6 - 2.3 - 3.2	25	50	40	41	32	21	15	
	3.56	182	22.7	4.2 - 5.5 - 7.8	31.2	3.3 - 4.3 - 6.0	39.6	1.9 - 2.5 - 3.5	30	54	45	45	37	29	23	
	4.06	208	29.6	4.8 - 5.9 - 8.3	40.7	3.7 - 4.5 - 6.4	51.8	2.2 - 2.6 - 3.7	34	57	48	49	42	35	30	
	4.57	234	37.5	5.1 - 6.2 - 8.8	51.5	3.9 - 4.8 - 6.8	65.5	2.3 - 2.8 - 4.0	37	60	51	52	47	41	36	
5.08	260	46.2	5.4 - 6.6 - 9.3	63.6	4.1 - 5.1 - 7.2	80.9	2.4 - 3.0 - 4.2	40	62	54	55	51	46	41		
914 x 102	1.02	75	1.9	0.9 - 2.0 - 4.4	2.5	0.7 - 1.6 - 3.4	3.2	0.4 - 0.9 - 2.0	-	26	12	13	-	-	-	
	1.52	113	4.2	2.0 - 3.3 - 6.1	5.7	1.6 - 2.5 - 4.7	7.3	0.9 - 1.5 - 2.7	-	36	23	24	-	-	-	
	2.03	150	7.4	2.9 - 4.4 - 7.0	10.2	2.3 - 3.4 - 5.5	12.9	1.3 - 2.0 - 3.2	14	42	31	32	18	-	-	
	2.54	188	11.6	3.6 - 5.5 - 7.9	15.9	2.8 - 4.2 - 6.1	20.2	1.6 - 2.5 - 3.5	21	48	37	38	26	14	-	
	3.05	225	16.7	4.4 - 6.1 - 8.6	22.9	3.4 - 4.7 - 6.7	29.1	2.0 - 2.7 - 3.9	26	52	42	43	33	23	17	
	3.56	263	22.7	5.1 - 6.6 - 9.3	31.2	4.0 - 5.1 - 7.2	39.6	2.3 - 3.0 - 4.2	31	55	46	47	39	30	25	
	4.06	300	29.6	5.8 - 7.0 - 10.0	40.7	4.5 - 5.5 - 7.7	51.8	2.6 - 3.2 - 4.5	35	59	50	51	44	37	32	
	4.57	338	37.5	6.1 - 7.5 - 10.6	51.5	4.7 - 5.8 - 8.2	65.5	2.7 - 3.4 - 4.8	39	61	53	54	48	43	38	
5.08	375	46.2	6.4 - 7.9 - 11.1	63.6	5.0 - 6.1 - 8.6	80.9	2.9 - 3.5 - 5.0	42	64	56	57	52	48	43		

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 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 METRIC DATA: 5DMGSR, 5DMGSU, 5DMGDR, 5DMGDU (NO DAMPER)

Nom Duct	Neck Vel	Air Flow	0°		22.5°		45°		NC	Octave Band, dB						
			Pt	Throw	Pt	Throw	Pt	Throw		2	3	4	5	6	7	
			mm	m/s	L/s	Pa	m	Pa		m	Pa	m				
914 x 203	0.76	126	1.0	0.8 - 1.7 - 4.9	1.4	0.6 - 1.3 - 3.8	1.8	0.3 - 0.8 - 2.2	-	23	-	-	-	-	-	
	1.40	230	3.5	2.6 - 4.5 - 8.7	4.8	2.0 - 3.5 - 6.8	6.1	1.2 - 2.0 - 3.9	-	37	24	25	-	-	-	
	1.78	293	5.7	3.8 - 5.7 - 9.8	7.8	3.0 - 4.4 - 7.6	9.9	1.7 - 2.6 - 4.4	14	43	30	32	16	-	-	
	2.16	356	8.4	4.6 - 6.9 - 10.9	11.5	3.6 - 5.4 - 8.4	14.6	2.1 - 3.1 - 4.9	20	47	36	37	23	-	-	
	2.54	419	11.6	5.4 - 8.2 - 11.8	15.9	4.2 - 6.3 - 9.1	20.2	2.4 - 3.7 - 5.3	24	51	40	41	30	17	11	
	2.92	482	15.3	6.3 - 8.9 - 12.6	21.0	4.8 - 6.9 - 9.8	26.8	2.8 - 4.0 - 5.7	29	54	44	45	35	24	18	
	3.30	544	19.5	7.1 - 9.5 - 13.4	26.9	5.5 - 7.4 - 10.4	34.2	3.2 - 4.3 - 6.0	32	57	47	48	39	30	24	
	3.68	607	24.3	7.9 - 10.0 - 14.2	33.4	6.1 - 7.8 - 11.0	42.5	3.5 - 4.5 - 6.4	35	60	50	51	44	35	30	
4.06	670	29.6	8.6 - 10.5 - 14.9	40.7	6.7 - 8.2 - 11.5	51.8	3.9 - 4.7 - 6.7	38	62	53	54	47	40	35		
914 x 305	0.76	195	1.0	1.0 - 2.1 - 6.1	1.4	0.7 - 1.7 - 4.7	1.8	0.4 - 1.0 - 2.7	-	25	-	11	-	-	-	
	1.40	357	3.5	3.2 - 5.6 - 10.9	4.8	2.5 - 4.3 - 8.4	6.1	1.4 - 2.5 - 4.9	-	39	26	27	-	-	-	
	1.78	455	5.7	4.7 - 7.1 - 12.3	7.8	3.7 - 5.5 - 9.5	9.9	2.1 - 3.2 - 5.5	16	45	32	34	18	-	-	
	2.16	552	8.4	5.8 - 8.6 - 13.5	11.5	4.5 - 6.7 - 10.5	14.6	2.6 - 3.9 - 6.1	21	49	38	39	25	11	-	
	2.54	650	11.6	6.8 - 10.2 - 14.7	15.9	5.3 - 7.9 - 11.4	20.2	3.0 - 4.6 - 6.6	26	53	42	43	31	19	13	
	2.92	747	15.3	7.8 - 11.1 - 15.7	21.0	6.0 - 8.6 - 12.2	26.8	3.5 - 5.0 - 7.1	30	56	46	47	37	26	20	
	3.30	845	19.5	8.8 - 11.8 - 16.7	26.9	6.8 - 9.2 - 13.0	34.2	4.0 - 5.3 - 7.5	34	59	49	50	41	32	26	
	3.68	942	24.3	9.8 - 12.5 - 17.7	33.4	7.6 - 9.7 - 13.7	42.5	4.4 - 5.6 - 7.9	37	62	52	53	45	37	32	
4.06	1040	29.6	10.7 - 13.1 - 18.5	40.7	8.3 - 10.2 - 14.4	51.8	4.8 - 5.9 - 8.3	40	64	55	56	49	42	37		
1219 x 76	0.51	35	0.5	0.2 - 0.5 - 2.0	0.6	0.2 - 0.4 - 1.5	0.8	0.1 - 0.2 - 0.9	-	-	-	-	-	-	-	
	1.02	70	1.9	0.9 - 2.0 - 4.2	2.5	0.7 - 1.5 - 3.3	3.2	0.4 - 0.9 - 1.9	-	26	11	13	-	-	-	
	1.52	105	4.2	2.0 - 3.2 - 5.9	5.7	1.5 - 2.4 - 4.6	7.3	0.9 - 1.4 - 2.6	-	35	23	24	-	-	-	
	2.03	139	7.4	2.8 - 4.2 - 6.8	10.2	2.2 - 3.3 - 5.3	12.9	1.3 - 1.9 - 3.1	14	42	30	32	17	-	-	
	2.54	174	11.6	3.5 - 5.3 - 7.6	15.9	2.7 - 4.1 - 5.9	20.2	1.6 - 2.4 - 3.4	21	47	37	38	26	13	-	
	3.05	209	16.7	4.2 - 5.9 - 8.3	22.9	3.3 - 4.6 - 6.4	29.1	1.9 - 2.6 - 3.7	26	52	42	43	33	22	17	
	3.56	244	22.7	4.9 - 6.4 - 9.0	31.2	3.8 - 4.9 - 7.0	39.6	2.2 - 2.9 - 4.0	31	55	46	47	39	30	24	
	4.06	279	29.6	5.5 - 6.8 - 9.6	40.7	4.3 - 5.3 - 7.4	51.8	2.5 - 3.1 - 4.3	35	58	49	50	44	36	31	
4.57	314	37.5	5.9 - 7.2 - 10.2	51.5	4.6 - 5.6 - 7.9	65.5	2.6 - 3.2 - 4.6	38	61	53	53	48	42	37		
1219 x 102	0.51	50	0.5	0.3 - 0.6 - 2.4	0.6	0.2 - 0.5 - 1.8	0.8	0.1 - 0.3 - 1.1	-	11	-	-	-	-	-	
	1.02	101	1.9	1.1 - 2.4 - 5.1	2.5	0.8 - 1.8 - 3.9	3.2	0.5 - 1.1 - 2.3	-	28	13	14	-	-	-	
	1.52	151	4.2	2.4 - 3.8 - 7.1	5.7	1.8 - 2.9 - 5.5	7.3	1.1 - 1.7 - 3.2	-	37	24	25	-	-	-	
	2.03	201	7.4	3.4 - 5.1 - 8.2	10.2	2.6 - 3.9 - 6.3	12.9	1.5 - 2.3 - 3.7	16	44	32	33	19	-	-	
	2.54	252	11.6	4.2 - 6.3 - 9.1	15.9	3.3 - 4.9 - 7.1	20.2	1.9 - 2.8 - 4.1	22	49	38	39	27	15	-	
	3.05	302	16.7	5.1 - 7.1 - 10.0	22.9	3.9 - 5.5 - 7.7	29.1	2.3 - 3.2 - 4.5	28	53	43	44	34	24	18	
	3.56	352	22.7	5.9 - 7.6 - 10.8	31.2	4.6 - 5.9 - 8.4	39.6	2.7 - 3.4 - 4.9	32	57	47	48	40	31	26	
	4.06	403	29.6	6.7 - 8.2 - 11.5	40.7	5.2 - 6.3 - 8.9	51.8	3.0 - 3.7 - 5.2	36	60	51	52	45	38	33	
4.57	453	37.5	7.1 - 8.7 - 12.2	51.5	5.5 - 6.7 - 9.5	65.5	3.2 - 3.9 - 5.5	40	63	54	55	50	44	39		
1219 x 203	0.76	168	1.0	0.9 - 2.0 - 5.7	1.4	0.7 - 1.5 - 4.4	1.8	0.4 - 0.9 - 2.5	-	24	-	-	-	-	-	
	1.40	309	3.5	3.0 - 5.2 - 10.1	4.8	2.3 - 4.0 - 7.8	6.1	1.3 - 2.3 - 4.5	-	38	25	26	-	-	-	
	1.78	393	5.7	4.4 - 6.6 - 11.4	7.8	3.4 - 5.1 - 8.8	9.9	2.0 - 3.0 - 5.1	15	44	32	33	17	-	-	
	2.16	477	8.4	5.4 - 8.0 - 12.6	11.5	4.1 - 6.2 - 9.7	14.6	2.4 - 3.6 - 5.7	21	48	37	38	25	-	-	
	2.54	561	11.6	6.3 - 9.4 - 13.6	15.9	4.9 - 7.3 - 10.6	20.2	2.8 - 4.2 - 6.1	26	52	42	43	31	18	12	
	2.92	646	15.3	7.2 - 10.3 - 14.6	21.0	5.6 - 8.0 - 11.3	26.8	3.3 - 4.7 - 6.6	30	56	45	46	36	25	19	
	3.30	730	19.5	8.2 - 11.0 - 15.5	26.9	6.3 - 8.5 - 12.0	34.2	3.7 - 4.9 - 7.0	33	58	49	50	41	31	25	
	3.68	814	24.3	9.1 - 11.6 - 16.4	33.4	7.1 - 9.0 - 12.7	42.5	4.1 - 5.2 - 7.4	37	61	52	53	45	37	31	
4.06	898	29.6	10.0 - 12.2 - 17.2	40.7	7.7 - 9.4 - 13.4	51.8	4.5 - 5.5 - 7.8	40	63	54	55	49	41	36		

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 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