PERFORMANCE DATA | NO DAMPER

SIZE	IP DATA													METRIC DATA										
	NECK VEL	AIR FLOW	HZ		VT		HZ THROW	VT PROJECTION				HZ	VT	NECK VEL	AIR FLOW	HZ		VT		HZ THROW	VT PROJECTION			
			Ps	Pt	Ps	Pt		10°F	20°F	30°F	40°F					Ps	Pt	Ps	Pt		5°C	11°C	17°C	22°C
in	fpm	cfm	in wg	in wg	in wg	in wg	ft	ft	ft	ft	ft	NC	NC	m/s	L/s	Pa	Pa	Pa	Pa	m	m	m	m	m
6	200	39	0.00	0.00	0.01	0.01	1 - 1 - 2	0	0	0	0	-	-	1.0	19	0	1	2	3	0.2 - 0.3 - 0.7	0.1	0.1	0.1	0.1
	400	79	0.00	0.01	0.03	0.04	1 - 2 - 4	1	1	1	1	-	-	2.0	37	1	4	8	11	0.5 - 0.7 - 1.4	0.4	0.3	0.3	0.2
	600	118	0.01	0.03	0.08	0.10	2 - 3 - 7	3	3	2	2	-	12	3.0	56	2	8	19	24	0.7 - 1.0 - 2.0	0.9	0.8	0.6	0.5
	800	157	0.02	0.06	0.13	0.17	3 - 4 - 8	5	4	4	3	11	21	4.1	74	4	14	33	43	0.9 - 1.4 - 2.3	1.6	1.4	1.1	1.0
	1000	196	0.03	0.09	0.21	0.27	4 - 6 - 9	8	7	6	5	17	27	5.1	93	7	22	52	67	1.1 - 1.7 - 2.6	2.6	2.1	1.8	1.5
	1200	236	0.04	0.13	0.30	0.39	4 - 7 - 9	11	10	8	7	23	33	6.1	111	10	32	75	97	1.4 - 2.0 - 2.8	3.5	3.1	2.3	2.1
	1400	275	0.05	0.18	0.41	0.53	5 - 7 - 10	13	12	9	8	27	37	7.1	130	14	44	102	132	1.6 - 2.2 - 3.1	4.1	3.7	2.7	2.5
	1600	314	0.07	0.23	0.53	0.69	6 - 8 - 11	15	14	10	10	31	41	8.1	148	18	57	133	173	1.8 - 2.3 - 3.3	4.6	4.2	3.1	2.9
	2000	393	0.11	0.36	0.83	1.08	7 - 9 - 12	19	17	13	12	38	48	10.2	185	28	90	208	270	2.1 - 2.6 - 3.7	5.8	5.2	3.8	3.6
8	200	70	0.00	0.00	0.01	0.01	1 - 1 - 3	1	1	1	0	-	-	1.0	33	0	1	2	2	0.3 - 0.5 - 0.9	0.2	0.2	0.2	0.1
	400	140	0.00	0.01	0.03	0.04	2 - 3 - 6	3	3	2	2	-	-	2.0	66	1	3	7	10	0.6 - 0.9 - 1.8	1.0	0.8	0.7	0.6
	600	209	0.01	0.03	0.07	0.09	3 - 4 - 9	7	6	5	4	-	14	3.0	99	2	8	17	22	0.9 - 1.4 - 2.7	2.1	1.8	1.5	1.2
	800	279	0.02	0.06	0.12	0.16	4 - 6 - 10	12	10	8	7	15	23	4.1	132	4	14	29	39	1.2 - 1.8 - 3.1	3.7	3.2	2.5	2.2
	900	314	0.02	0.07	0.15	0.20	4 - 7 - 11	14	12	9	9	19	26	4.6	148	5	17	37	50	1.4 - 2.0 - 3.3	4.2	3.8	2.8	2.6
	1000	349	0.02	0.09	0.18	0.25	5 - 7 - 11	15	14	10	10	22	30	5.1	165	6	21	46	61	1.5 - 2.3 - 3.5	4.7	4.2	3.1	2.9
	1200	419	0.03	0.12	0.27	0.36	6 - 9 - 12	18	17	12	11	27	35	6.1	198	8	31	66	89	1.8 - 2.7 - 3.8	5.6	5.0	3.7	3.5
	1400	489	0.05	0.17	0.36	0.48	7 - 10 - 13	21	19	14	13	32	40	7.1	231	11	42	90	120	2.1 - 2.9 - 4.1	6.5	5.9	4.3	4.1
	1600	559	0.06	0.22	0.47	0.63	8 - 10 - 14	24	21	16	15	36	44	8.1	264	15	55	118	157	2.4 - 3.1 - 4.4	7.4	6.4	4.9	4.6
10	200	109	0.00	0.00	0.01	0.01	1 - 2 - 4	1	1	1	1	-	-	1.0	51	0	1	2	2	0.4 - 0.6 - 1.1	0.4	0.4	0.3	0.2
	400	218	0.00	0.01	0.02	0.03	2 - 4 - 7	6	5	4	3	-	-	2.0	103	1	3	6	9	0.8 - 1.1 - 2.3	1.7	1.4	1.2	1.0
	600	327	0.01	0.03	0.06	0.08	4 - 6 - 11	12	10	9	7	-	16	3.0	154	2	7	14	19	1.1 - 1.7 - 3.3	3.8	3.1	2.6	2.2
	800	436	0.01	0.05	0.10	0.14	5 - 7 - 13	17	15	11	11	19	25	4.1	206	3	13	25	34	1.5 - 2.3 - 3.9	5.2	4.7	3.5	3.3
	900	491	0.01	0.07	0.12	0.18	6 - 8 - 13	19	17	13	12	22	28	4.6	232	4	16	31	44	1.7 - 2.5 - 4.1	5.9	5.3	3.9	3.7
	1000	545	0.02	0.08	0.15	0.22	6 - 9 - 14	21	19	14	13	25	31	5.1	257	4	20	38	54	1.9 - 2.8 - 4.3	6.5	5.9	4.3	4.1
	1200	654	0.03	0.12	0.22	0.31	7 - 11 - 16	26	23	17	16	31	37	6.1	309	6	29	55	78	2.3 - 3.3 - 4.7	7.8	6.9	5.2	4.9
	1400	764	0.04	0.16	0.30	0.42	9 - 12 - 17	28	25	20	18	35	41	7.1	360	9	39	75	106	2.6 - 3.6 - 5.1	8.6	7.5	6.1	5.6
	1600	873	0.05	0.21	0.39	0.55	10 - 13 - 18	30	26	23	20	39	45	8.1	412	11	51	98	138	3.0 - 3.9 - 5.5	9.2	8.0	6.9	5.9
12	200	157	0.00	0.00	0.00	0.01	1 - 2 - 4	2	2	1	1	-	-	1.0	74	0	1	1	2	0.5 - 0.7 - 1.4	0.6	0.5	0.4	0.4
	400	314	0.00	0.01	0.02	0.03	3 - 4 - 9	8	7	6	5	-	-	2.0	148	0	3	5	7	0.9 - 1.4 - 2.7	2.5	2.1	1.8	1.5
	600	471	0.00	0.03	0.04	0.06	4 - 7 - 13	17	15	11	10	13	17	3.0	222	1	7	10	16	1.4 - 2.0 - 4.0	5.1	4.6	3.4	3.2
	800	628	0.01	0.05	0.07	0.11	6 - 9 - 15	22	20	15	14	21	26	4.1	297	2	12	19	29	1.8 - 2.7 - 4.6	6.8	6.1	4.5	4.2
	900	707	0.01	0.06	0.09	0.14	7 - 10 - 16	25	23	17	16	25	30	4.6	334	2	15	24	36	2.0 - 3.1 - 4.9	7.6	6.9	5.1	4.8
	1000	785	0.01	0.07	0.12	0.18	7 - 11 - 17	28	25	18	17	28	33	5.1	371	3	18	29	45	2.3 - 3.4 - 5.2	8.5	7.6	5.6	5.3
	1100	864	0.01	0.09	0.14	0.22	8 - 12 - 18	30	26	20	19	31	36	5.6	408	3	22	35	54	2.5 - 3.7 - 5.4	9.2	8.0	6.2	5.8
	1200	942	0.02	0.11	0.17	0.26	9 - 13 - 19	32	27	22	20	34	38	6.1	445	4	26	42	64	2.7 - 4.0 - 5.7	9.6	8.3	6.7	6.2
	1300	1021	0.02	0.12	0.20	0.30	10 - 14 - 19	33	28	24	21	36	41	6.6	482	5	31	49	75	2.9 - 4.2 - 5.9	10.0	8.7	7.3	6.4
14	200	214	0.00	0.00	0.00	0.01	2 - 3 - 5	3	2	2	2	-	-	1.0	101	0	1	1	1	0.5 - 0.8 - 1.6	0.9	0.7	0.6	0.5
	400	428	0.00	0.01	0.01	0.02	3 - 5 - 10	11	9	8	7	-	-	2.0	202	0	3	3	5	1.1 - 1.6 - 3.2	3.5	2.9	2.4	2.0
	600	641	0.00	0.02	0.03	0.05	5 - 8 - 15	21	19	14	13	15	19	3.0	303	0	6	6	12	1.6 - 2.4 - 4.7	6.2	5.6	4.1	3.9
	800	855	0.00	0.04	0.05	0.09	7 - 10 - 18	27	25	18	17	24	27	4.1	404	0	10	12	21	2.1 - 3.2 - 5.4	8.3	7.5	5.5	5.2
	900	962	0.00	0.05	0.06	0.11	8 - 12 - 19	31	28	20	19	27	31	4.6	454	1	13	15	27	2.4 - 3.6 - 5.7	9.4	8.4	6.2	5.8
	1000	1069	0.00	0.07	0.07	0.13	9 - 13 - 20	34	29	23	21	31	34	5.1	505	1	16	18	34	2.6 - 4.0 - 6.0	10.2	8.9	6.9	6.5
	1100	1176	0.00	0.08	0.09	0.16	10 - 14 - 21	35	31	25	23	33	37	5.6	555	1	20	22	41	2.9 - 4.4 - 6.3	10.7	9.3	7.6	6.9
	1200	1283	0.00	0.09	0.10	0.19	10 - 15 - 22	37	32	27	24	36	39	6.1	605	1	23	26	48	3.2 - 4.7 - 6.6	11.2	9.7	8.3	7.2
	1300	1390	0.00	0.11	0.12	0.23	11 - 16 - 23	38	33	30	25	38	42	6.6	656	1	27	30	57	3.4 - 4.9 - 6.9	11.6	10.1	9.0	7.5

NOTES: Throw values are given terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). Horizontal throw values are given for isothermal conditions. Vertical throw values are for a terminal velocity of 50 FPM, free jet, at the temperature differences shown. 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 selection software for performance data not shown, including octave band data.