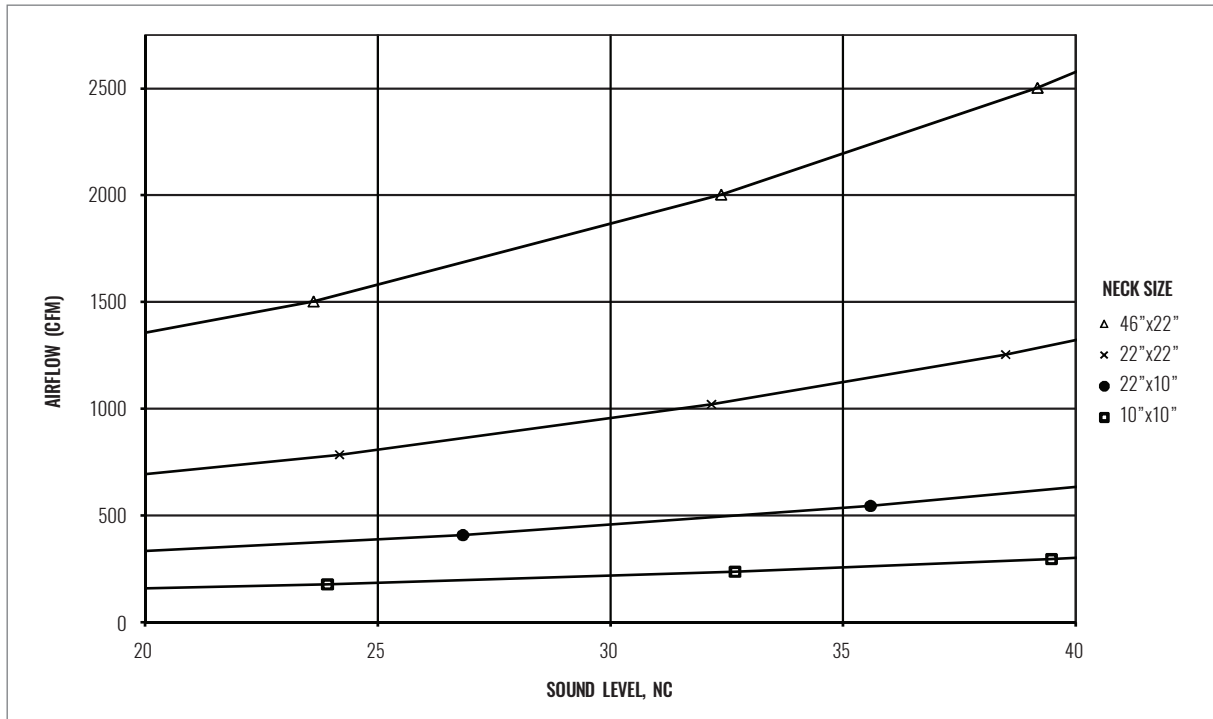


SOUND CHART (NO DAMPER)



PERFORMANCE DATA (NO DAMPER)

		IP DATA				NC	METRIC DATA					OCTAVE BAND, dB						
NOM DUCT	DUCT AREA	NECK VEL	AIRFLOW	Ps	NOM DUCT		DUCT AREA	NECK VEL	AIRFLOW	Ps	2	3	4	5	6	7		
in	ft ²	FPM	CFM	"WG	mm	m ²	m/s	L/s	Pa									
10" x 10"	0.69	200	119	-0.46	12	254 x 254	0.06	1.02	56	-11.5	32	27	27	24	18	-		
		300	178	-1.04	24			1.52	84	-25.9	36	34	36	35	32	28		
		400	238	-1.85	33			2.03	112	-46.0	39	39	43	43	43	40		
		500	297	-2.89	39			2.54	140	-71.9	41	42	48	49	51	50		
		600	357	-4.16	45			3.05	168	-103.5	43	45	52	54	58	59		
22" x 10"	1.53	200	273	-0.46	14	559 x 254	0.14	1.02	129	-11.5	36	32	30	27	20	11		
		300	410	-1.04	27			1.52	193	-25.9	40	38	39	38	35	30		
		400	546	-1.85	36			2.03	258	-46.0	43	43	46	46	46	42		
		500	683	-2.89	42			2.54	322	-71.9	45	47	51	52	54	52		
		600	819	-4.16	48			3.05	387	-103.5	46	50	55	57	60	60		
22" x 22"	3.36	175	549	-0.35	13	559 x 559	0.31	0.89	259	-8.8	38	34	30	26	18	-		
		250	784	-0.72	24			1.27	370	-18.0	41	40	38	36	31	23		
		325	1019	-1.22	32			1.65	481	-30.4	44	44	44	43	41	35		
		400	1254	-1.85	38			2.03	592	-46.0	46	48	49	49	48	44		
		475	1490	-2.61	44			2.41	703	-64.9	48	50	53	54	55	52		
46" x 22"	7.03	150	1002	-0.26	11	1168 x 559	0.65	0.76	473	-6.5	40	35	29	25	15	-		
		225	1502	-0.58	24			1.14	709	-14.6	44	42	39	36	30	20		
		300	2003	-1.04	32			1.52	945	-25.9	46	47	45	44	40	33		
		375	2504	-1.62	39			1.91	1182	-40.4	48	50	51	50	49	43		
		450	3005	-2.34	45			2.29	1418	-58.2	50	53	55	55	55	51		

NOTES: 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.