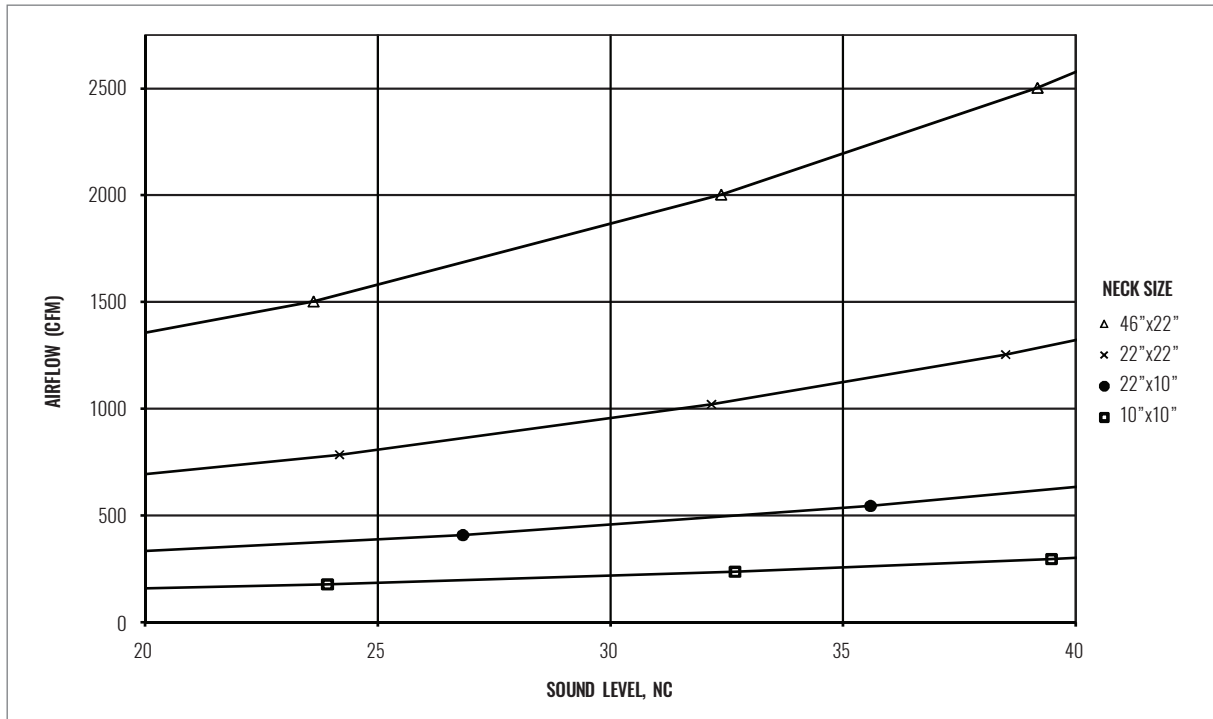


## SOUND CHART (NO DAMPER)



## 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 <sup>2</sup>	FPM	CFM	"WG	mm	m <sup>2</sup>	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<sup>-12</sup> 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.