

**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	OCTAVE BAND, dB						
in	ft <sup>2</sup>	FPM	CFM	"WG		mm	m <sup>2</sup>	m/s	L/s	Pa	2	3	4	5	6	7	
10" x 10"	0.69	250	149	.036	10	254 x 254	0.06	1.27	70	9.0	40	37	36	31	24	15	
		475	282	.129	25			2.41	133	32.1	46	46	46	45	43	38	
		700	416	.280	34			3.56	196	69.7	50	51	51	54	55	51	
		1200	713	.489	41			6.10	337	121.8	55	59	59	66	71	70	
		1400	832	.572	42			7.11	393	142.4	56	61	62	69	75	75	
22" x 10"	1.53	250	341	.036	15	559 x 254	0.14	1.27	161	9.0	40	37	36	31	24	15	
		400	546	.091	26			2.03	258	22.7	45	43	43	41	38	32	
		550	751	.173	33			2.79	354	43.1	47	48	48	48	47	43	
		700	956	.280	39			3.56	451	69.7	50	51	51	54	55	51	
		1200	1638	.489	45			6.10	773	121.8	55	59	59	66	71	70	
22" x 22"	3.36	175	549	.018	11	559 x 559	0.31	0.89	259	4.5	37	32	31	23	13	3	
		325	1019	.060	25			1.65	481	14.9	43	41	40	37	32	25	
		475	1490	.129	34			2.41	703	32.1	46	46	46	45	43	38	
		625	1960	.223	41			3.18	925	55.5	49	50	50	51	51	47	
		775	2430	.343	46			3.94	1147	85.4	51	53	53	56	58	55	
46" x 22"	7.03	175	1169	.018	15	1168 x 559	0.65	0.89	552	4.5	37	32	31	23	13	3	
		325	2170	.060	30			1.65	1024	14.9	43	41	40	37	32	25	
		475	3172	.129	38			2.41	1497	32.1	46	46	46	45	43	38	
		625	4173	.223	45			3.18	1970	55.5	49	50	50	51	51	47	
		700	4674	.280	47			3.56	2206	69.7	50	51	51	54	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.