



TECHNICAL DATA

Air Flow Characteristics			$\Delta P_s = \text{MIN}$						$\Delta P_s = \text{MIN} + .050''$						$\Delta P_s = \text{MIN} + 1.50''$						$\Delta P_s = \text{MIN} + 3.00''$									
S I Z E	C F M	M I N ΔP_s	Sound Power Level (db)						NC	Sound Power Level (db)						NC	Sound Power Level (db)						NC							
			Octave Band (Hz)							Octave Band (Hz)							Octave Band (Hz)													
			125	250	500	1000	2000	4000		125	250	500	1000	2000	4000		125	250	500	1000	2000	4000		125	250	500	1000	2000	4000	
5'	75	.01	34	-	-	-	-	<20	54	43	39	38	33	31	<20	55	53	50	47	45	45	<20	59	56	53	50	51	49	<20	
	150	.03	37	26	22	21	-	<20	59	46	41	39	34	32	<20	64	64	57	51	46	46	<20	64	67	65	57	54	53	<20	
	300	.09	54	45	40	41	32	28	<20	61	53	52	49	41	37	<20	73	68	62	57	50	50	<20	75	75	70	64	57	56	<20
	400	.19	63	52	47	46	38	33	<20	66	58	56	53	44	40	<20	75	70	64	60	53	51	<20	78	76	71	66	59	57	20
6'	100	.01	36	-	-	-	-	<20	57	50	42	39	37	37	<20	64	62	57	52	50	50	<20	66	67	63	58	58	56	<20	
	200	.03	39	27	24	23	-	<20	59	50	46	43	39	39	<20	75	69	61	53	50	51	<20	77	78	74	63	59	58	22	
	400	.09	55	46	41	42	32	29	<20	64	57	54	51	44	42	<20	79	70	62	57	53	54	<20	84	80	73	63	59	59	25
	500	.20	64	53	48	47	38	34	<20	67	60	56	53	45	43	<20	78	69	62	59	53	54	<20	86	80	72	65	60	60	26
7'	150	.01	37	25	24	-	-	<20	56	48	41	38	36	36	<20	64	61	56	50	49	49	<20	65	65	62	58	57	54	<20	
	300	.03	43	36	32	30	22	-	<20	58	49	46	42	38	38	<20	74	68	60	52	50	50	<20	76	71	72	61	58	57	<20
	600	.08	56	48	46	43	36	31	<20	63	57	53	50	44	41	<20	77	69	61	55	52	53	<20	82	75	73	62	59	58	21
	800	.14	64	55	53	50	44	39	<20	65	59	55	53	45	42	<20	78	69	62	58	53	53	<20	85	78	72	64	60	59	25
8'	200	.01	38	26	25	-	-	<20	57	50	42	39	37	37	<20	64	62	57	52	50	50	<20	66	67	63	58	58	56	<20	
	500	.03	44	37	34	31	23	-	<20	59	50	46	43	39	39	<20	75	69	61	53	50	51	<20	77	78	74	63	59	58	22
	800	.09	58	50	47	45	37	32	<20	64	57	54	51	44	42	<20	79	70	62	57	53	54	<20	84	80	73	63	59	59	25
	1000	.13	65	57	54	51	45	40	<20	67	60	56	53	45	43	<20	78	69	62	59	53	54	<20	86	80	72	65	60	60	26
10'	400	.01	40	31	27	-	-	<20	56	49	45	40	37	38	<20	69	71	63	55	51	52	<20	70	76	74	66	60	59	20	
	800	.01	54	48	46	39	35	27	<20	62	56	51	46	41	41	<20	73	69	62	57	53	54	<20	76	80	76	67	61	60	25
	1000	.02	60	54	52	45	40	36	<20	64	58	53	48	42	42	<20	75	69	63	58	54	54	<20	78	79	73	66	61	61	24
	1200	.06	65	58	56	50	45	42	<20	67	62	56	51	45	44	<20	77	70	64	60	55	55	<20	80	78	73	67	62	61	23
12'	800	.01	43	38	37	27	23	-	<20	58	52	49	42	38	39	<20	69	66	64	57	52	54	<20	73	75	73	66	60	59	<20
	1200	.01	52	48	47	38	35	30	<20	63	57	53	47	43	42	<20	71	67	65	58	53	55	<20	76	75	73	68	62	61	<20
	1600	.02	57	53	55	45	42	41	<20	65	60	55	49	44	43	<20	74	69	66	59	54	56	<20	79	76	74	69	64	62	20
	2000	.04	63	57	55	50	47	45	<20	69	64	61	54	49	48	<20	76	71	68	61	55	57	<20	81	77	74	68	63	62	21
14'	1200	.01	46	41	40	30	26	-	<20	60	54	51	44	40	41	<20	69	66	64	57	52	54	<20	75	77	75	68	62	61	21
	1600	.01	52	48	48	38	35	32	<20	63	57	55	47	43	44	<20	71	67	65	58	53	55	<20	77	76	74	69	63	62	20
	2000	.02	57	53	55	45	42	41	<20	67	61	58	51	46	46	<20	74	69	66	59	51	56	<20	79	76	74	69	64	62	20
	2400	.03	62	57	61	50	48	48	<20	70	65	62	55	50	50	<20	76	71	68	61	55	57	<20	81	77	74	68	63	62	21
16'	1500	.01	45	40	39	29	25	-	<20	61	55	52	45	41	42	<20	70	67	65	58	53	55	<20	76	78	76	70	63	60	23
	2000	.01	52	48	48	38	35	32	<20	63	57	55	47	43	44	<20	71	67	65	58	53	55	<20	77	76	74	69	63	62	20
	2500	.02	58	54	53	46	43	42	<20	68	62	57	52	47	45	<20	75	70	65	60	55	54	<20	79	76	73	70	64	61	20
	3000	.03	62	57	61	50	48	48	<20	70	65	62	55	50	50	<20	76	71	68	61	55	57	<20	81	77	74	68	63	62	21

TABLE A - 5' Lined Discharge & 6' Flex Duct Absorption (db)

Band (Hz)	125	250	500	1000	2000	4000
Attenuation	9	17	36	46	43	27

TABLE B - End Reflection & Elbow-Tee Absorption (db)

Band (Hz)	125	250	500	1000	2000	4000
Attenuation	12	9	9	9	6	6

TABLE C - Flow Division Absorption (db)

Unit Size (in)	5 & 6	7 & 8	10	12	14	16
Division (%)	50	40	30	20	15	10
Attenuation	3	4	5	7	8	10

- NOTES:
1. Tested and certified in accordance with ADC/ARI standard 880.
 2. All NC sound data is based upon 10 db room absorption plus applicable data in Table A.
 3. The lowest CFM flows shown above only imply a range; all terminals are capable of shut-off. The minimum pressure independent controlled flow is dependent on the controller specified; below that minimum the airflow is pressure dependent to shut-off.