

PERFORMANCE DATA

ATG1/ATG2

Core Area (sq. ft.)	Nominal Size		Core Velocity (fpm)		100	150	200	250	300	350	400
			Velocity Pressure (in. w.g.)		0.0006	0.001	0.002	0.004	0.006	0.008	0.010
			Neg. Static Pressure (in. w.g.)		0.012	0.019	0.048	0.075	0.108	0.147	0.193
0.25	10 x 4	7 x 6	Flow Rate (cfm)		25	38	50	63	75	88	100
	8 x 5		Sound (NC)		-	17	23	28	32	35	38
0.50	24 x 4	16 x 6	Flow Rate (cfm)		50	75	100	125	150	175	200
	18 x 5		Sound (NC)		-	20	27	32	36	39	42
0.75	32 x 4	20 x 6	12 x 10	Flow Rate (cfm)		75	113	150	188	225	263
	26 x 5	16 x 8		Sound (NC)		-	23	29	34	38	41
1.00	28 x 6	16 x 10		Flow Rate (cfm)		100	150	200	250	300	350
	20 x 8	14 x 12		Sound (NC)		15	24	30	35	39	43
1.50	30 x 8	20 x 12		Flow Rate (cfm)		150	225	300	375	450	525
	24 x 10	16 x 14		Sound (NC)		17	26	32	37	41	45
2.00	40 x 8	26 x 12	20 x 16	Flow Rate (cfm)		200	300	400	500	600	700
	32 x 10	22 x 14		Sound (NC)		19	28	34	39	43	46
2.50	40 x 10	28 x 14	22 x 18	Flow Rate (cfm)		250	375	500	625	750	875
	32 x 12	24 x 16		Sound (NC)		20	29	35	40	44	47
3.00	40 x 12	30 x 16	22 x 20	Flow Rate (cfm)		300	450	600	750	900	1050
	34 x 14	26 x 18		Sound (NC)		21	30	36	41	45	48
3.50	38 x 14	30 x 18	24 x 22	Flow Rate (cfm)		350	525	700	875	1050	1225
	34 x 16	28 x 20		Sound (NC)		22	31	37	42	46	49
4.00	38 x 16	32 x 20	26 x 24	Flow Rate (cfm)		400	600	800	1000	1200	1400
	34 x 18	28 x 22		Sound (NC)		22	31	38	43	47	50
4.50	38 x 18	32 x 22	26 x 26	Flow Rate (cfm)		450	675	900	1125	1350	1575
	34 x 20	28 x 24		Sound (NC)		23	32	38	43	47	51
5.00	38 x 20	32 x 24	28 x 28	Flow Rate (cfm)		500	750	1000	1250	1500	2000
	34 x 22	30 x 26		Sound (NC)		23	32	39	44	48	51

ATGH

Core Area sq. ft.	Nominal Size		Core Velocity (fpm)		100	150	200	250	300	350	400
			Velocity Pressure (in. w.g.)		0.0006	0.001	0.002	0.004	0.006	0.008	0.010
			Neg. Static Pressure (in. w.g.)		0.01	0.022	0.039	0.06	0.087	0.118	0.155
0.25	10 x 4	7 x 6	Flow Rate (cfm)		25	38	50	63	75	88	100
	8 x 5		Sound (NC)		-	-	-	17	22	25	29
0.50	20 x 4	14 x 6	Flow Rate (cfm)		50	75	100	125	150	175	200
	16 x 5		Sound (NC)		-	-	-	19	23	27	31
0.75	30 x 4	20 x 6	12 x 10	Flow Rate (cfm)		75	113	150	188	225	263
	24 x 5	14 x 8		Sound (NC)		-	-	-	20	24	29
1.00	26 x 6	16 x 10		Flow Rate (cfm)		100	150	200	250	300	350
	20 x 8	16 x 14		Sound (NC)		-	-	15	21	25	29
1.50	28 x 8	20 x 12		Flow Rate (cfm)		150	225	300	375	450	525
	22 x 10	16 x 14		Sound (NC)		-	-	16	22	26	30
2.00	30 x 10	20 x 14	20 x 16	Flow Rate (cfm)		200	300	400	500	600	700
	26 x 12	18 x 16		Sound (NC)		-	-	17	23	28	31
2.50	30 x 12	24 x 16	22 x 18	Flow Rate (cfm)		250	375	500	625	750	875
	26 x 14	20 x 18		Sound (NC)		-	-	17	22	27	31
3.00	38 x 12	28 x 16	22 x 20	Flow Rate (cfm)		300	450	600	750	900	1050
	32 x 14	26 x 18		Sound (NC)		-	-	18	23	28	32
3.50	38 x 14	30 x 18	24 x 22	Flow Rate (cfm)		350	525	700	875	1050	1225
	34 x 16	26 x 20		Sound (NC)		-	-	18	24	28	32
4.00	38 x 16	30 x 20	26 x 24	Flow Rate (cfm)		400	600	800	1000	1200	1400
	34 x 18	28 x 22		Sound (NC)		-	-	18	24	29	33
4.50	38 x 18	30 x 22	26 x 26	Flow Rate (cfm)		450	675	900	1125	1350	1575
	34 x 20	28 x 24		Sound (NC)		-	-	19	24	29	33
5.00	38 x 20	32 x 24	28 x 28	Flow Rate (cfm)		500	750	1000	1250	1500	2000
	34 x 22	30 x 26		Sound (NC)		-	-	19	25	29	33

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow is in cfm.
3. All pressures are in in. w.g.
s.p. = Static Pressure
4. NC values are based on room absorption of 10 dB, re 10⁻¹² watts.
5. Blanks "-" indicate an NC level below 15.
6. *Negative s.p. for Series ATG2 is two times the value shown above for Series ATG 1.