

AFF Performance Data

IP/METRIC DATA: AFF SERIES

	IP Data							Metric Data												
Unit Size	Neck Vel	Air Flow	Pt	Ps	Near T ₅₀ @ 4 ft	T ₅₀ @ Floor	NC	Neck Vel	Air Flow	Pt	Ps	Near T ₂₅ @ 1.1 m	T ₂₅ @ Floor							
	FPM	CFM	"WG	"WG	ft	ft		m/s	L/s	Pa	Pa	m	m	2	3	4	5	6	7	
12"x04" 24" H	550	173	.039	0.020	0	5	12	2.79	82	9.8	5.1	0.1	1.6	17	27	21	12	-	-	
	800	251	.083	0.043	1	8	25	4.06	119	20.7	10.8	0.2	2.4	31	36	34	28	12	15	
	950	299	.117	0.061	1	9	31	4.83	141	29.2	15.2	0.2	2.8	37	40	40	36	23	19	
	1100	346	.157	0.082	1	10	36	5.59	163	39.2	20.4	0.3	3.0	43	44	45	42	33	22	
12"x04" 48" H	650	204	.058	0.032	1	6	13	3.30	96	14.4	7.9	0.2	1.9	23	22	23	15	-	-	
	800	251	.088	0.048	1	8	20	4.06	119	21.9	11.9	0.3	2.3	28	28	29	23	-	13	
	1050	330	.151	0.083	2	9	29	5.33	156	37.7	20.6	0.6	2.9	33	35	37	34	23	20	
	1250	393	.214	0.117	3	10	35	6.35	185	53.4	29.1	0.8	3.1	37	39	43	41	33	25	
24"x04" 32" H	450	284	.048	0.035	0	7	12	2.29	134	11.9	8.7	0.2	2.0	24	24	21	13	-	14	
	600	378	.085	0.062	1	9	21	3.05	179	21.1	15.5	0.3	2.7	29	31	30	25	-	17	
	750	473	.132	0.097	1	11	29	3.81	223	33.0	24.2	0.4	3.3	32	37	38	33	22	19	
	900	568	.191	0.140	2	13	35	4.57	268	47.5	34.9	0.6	4.0	36	41	44	41	32	21	
24"x04" 48" H	500	315	.050	0.034	1	7	11	2.54	149	12.4	8.5	0.3	2.0	22	23	21	-	-	18	
	675	426	.091	0.062	2	9	21	3.43	201	22.6	15.5	0.6	2.7	28	30	30	21	-	19	
	850	536	.144	0.099	3	11	29	4.32	253	35.8	24.6	0.9	3.5	33	35	37	32	21	20	
	1000	631	.199	0.137	4	13	35	5.08	298	49.6	34.0	1.2	4.0	36	39	42	40	28	20	
24"x08" 48" H	400	510	.045	0.035	1	8	13	2.03	241	11.1	8.7	0.4	2.3	31	26	20	-	-	15	
	550	701	.085	0.066	2	10	22	2.79	331	21.1	16.4	0.7	3.2	33	32	29	23	14	18	
	700	892	.137	0.106	4	13	29	3.56	421	34.1	26.5	1.2	3.9	35	36	35	33	25	20	
	900	1147	.226	0.176	7	15	36	4.57	541	56.4	43.8	2.0	4.4	36	41	42	43	37	22	
24"x08" 71" H	550	701	.046	0.027	3	12	11	2.79	331	11.4	6.7	1.0	3.7	23	20	20	-	-	15	
	700	892	.074	0.044	5	16	20	3.56	421	18.5	10.9	1.6	4.8	27	28	29	20	-	17	
	900	1147	.123	0.072	9	18	29	4.57	541	30.5	18.0	2.7	5.4	32	36	38	33	24	20	
	1050	1338	.167	0.098	12	19	35	5.33	632	41.6	24.4	3.7	5.9	34	41	44	42	33	22	
32"x10" 48" H	325	692	.056	0.050	4	10	12	1.65	327	14.0	12.4	1.1	3.1	26	27	22	16	-	15	
	425	905	.096	0.085	6	13	22	2.16	427	24.0	21.2	1.9	4.0	32	34	31	26	12	19	
	525	1118	.147	0.130	10	16	29	2.67	528	36.6	32.3	2.9	5.0	36	39	37	35	22	22	
	625	1331	.208	0.184	14	20	35	3.18	628	51.9	45.8	4.2	6.0	40	43	43	41	30	25	
32"x10" 71" H	400	852	.035	0.025	3	9	11	2.03	402	8.7	6.2	1.0	2.8	28	21	15	-	-	13	
	550	1172	.066	0.047	5	13	22	2.79	553	16.5	11.8	1.4	3.9	34	31	28	18	12	18	
	700	1491	.107	0.077	6	15	29	3.56	704	26.7	19.1	1.8	4.7	38	38	38	33	24	23	
	850	1811	.158	0.113	7	17	36	4.32	855	39.4	28.2	2.2	5.2	41	44	46	45	33	26	
40"x12" 71" H	300	960	.031	0.025	2	9	11	1.52	453	7.7	6.3	0.5	2.8	30	25	11	-	-	-	
	400	1280	.055	0.045	3	12	19	2.03	604	13.7	11.2	0.8	3.8	36	33	23	-	-	-	
	550	1761	.104	0.085	5	16	27	2.79	831	25.8	21.1	1.6	4.8	43	41	35	21	12	17	
	725	2321	.180	0.147	9	18	35	3.68	1095	44.9	36.7	2.7	5.5	48	48	46	39	22	24	
40"x20" 71" H	275	1471	.046	0.041	4	15	11	1.40	694	11.5	10.3	1.3	4.5	38	26	-	-	-	-	
	350	1872	.075	0.067	7	19	19	1.78	884	18.6	16.7	2.2	5.7	44	34	12	-	-	-	
	475	2541	.138	0.123	13	22	30	2.41	1199	34.2	30.7	4.0	6.6	51	45	36	29	22	22	
	550	2942	.184	0.166	18	23	35	2.79	1389	45.9	41.2	5.4	7.1	54	51	47	38	28	28	

NOTES: Throw values are given for terminal velocities of 50 fpm (0.25 m/s). Throw values are given for -6°F (-3°C) ΔT conditions. N.C. values are based on Octave Band 2 - 7 sound power levels minus a room absorption of 4dB. 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 70-1991.