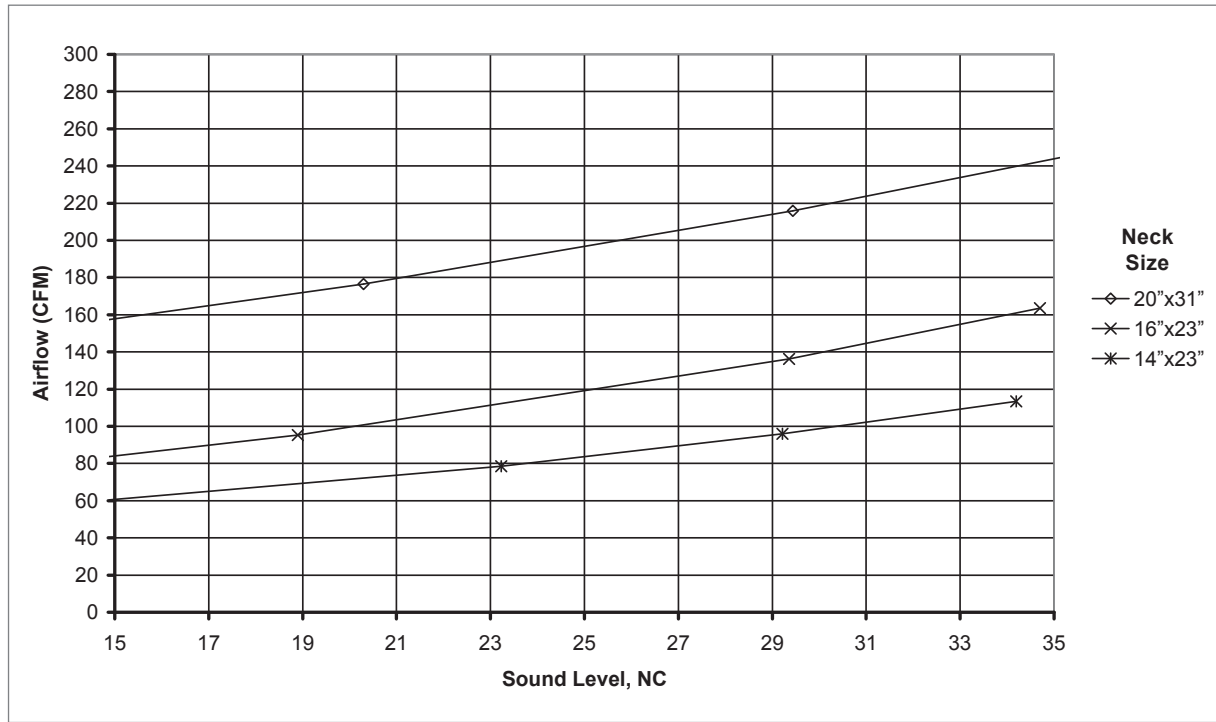


AFP Reference Chart

AIRFLOW VS. NC LEVEL: AFP SERIES



DISPLACEMENT VENTILATION

AFP Performance Data

IP/METRIC DATA: AFP SERIES

Unit Size	IP Data						NC	Metric Data						Octave Band, dB						
	Neck Vel	Air Flow	Pt	Ps	Near T ₅₀ @ 4 ft	T ₅₀ @ Floor		Neck Vel	Air Flow	Pt	Ps	Near T _{.25} @ 1.1 m	T _{.25} @ Floor	2	3	4	5	6	7	
	FPM	CFM	"WG	"WG	ft	ft		m/s	L/s	Pa	Pa	m	m							
14"x23"	600	52	.038	0.016	0	1	11	3.05	25	9.5	3.9	0.1	0.5	23	21	23	11	-	-	
	900	78	.086	0.035	1	2	23	4.57	37	21.3	8.8	0.3	0.7	27	30	33	26	14	-	
	1100	96	.128	0.053	1	3	29	5.59	45	31.9	13.1	0.4	0.8	29	34	38	34	24	17	
	1300	113	.179	0.073	2	3	34	6.60	53	44.5	18.3	0.5	0.8	31	38	42	40	33	23	
16"x23"	550	75	.034	0.015	0	2	12	2.79	35	8.5	3.8	0.1	0.5	23	23	24	13	-	-	
	700	95	.055	0.024	1	2	19	3.56	45	13.7	6.1	0.2	0.7	25	28	29	21	-	-	
	1000	136	.112	0.050	1	3	29	5.08	64	28.0	12.4	0.4	0.9	29	35	37	34	24	14	
	1200	164	.162	0.072	2	3	35	6.10	77	40.3	17.9	0.6	1.0	31	39	41	40	33	19	
20"x31"	750	147	.056	0.021	0	3	12	3.81	69	13.8	5.1	0.1	0.9	29	29	24	16	-	-	
	900	177	.080	0.030	0	3	20	4.57	83	19.9	7.4	0.1	1.0	30	32	30	25	16	-	
	1100	216	.120	0.044	1	4	29	5.59	102	29.8	11.0	0.2	1.1	32	36	37	35	26	16	
	1250	245	.154	0.057	1	4	35	6.35	116	38.4	14.2	0.2	1.2	33	39	42	41	33	22	

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 10dB. 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.