



ENGINEERING DATA

PTL, APTL Series

Module (in.)	Neck Velocity	300	400	500	600	700	800	900	1000	1200	1400
	Negative Total Pressure	0.023	0.041	0.064	0.092	0.125	0.163	0.207	0.255	0.368	0.500
	Negative Static Pressure	0.029	0.051	0.079	0.114	0.156	0.203	0.257	0.318	0.457	0.623
12x12 Ak = 0.44	Airflow (CFM)	264	352	440	528	616	704	792	880	1056	1232
	Noise Criteria	-	-	-	15	19	23	26	28	32	36
24x12 Ak = 0.90	Airflow (CFM)	546	728	910	1092	1274	1456	1638	1820	2184	2548
	Noise Criteria	-	-	-	19	22	25	29	31	36	39
24x24 Ak = 1.85	Airflow (CFM)	1125	1500	1875	2250	2625	3000	3375	3750	4500	5250
	Noise Criteria	-	-	17	22	25	28	31	34	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-1991 at isothermal conditions.
2. Unit of measure: Neck Velocity = fpm; Neg. Total Pressure - in. wc; AK = ft² Neg. Static Pressure = in wc
3. NC is based upon 10 dB room absorption (Re: 10⁻¹² watts) evaluated at 125 through 4000 Hz octave bands.
4. Dash "-" indicates NC value less than 15.
5. Flow hoods are recommended for system balancing.