DVTL

Unit Size (W x H)	Inlet Size	Face Velocity	20	30	40	50
			0.002	0.006	0.010	0.040
24" x 12"	6"	Airflow, cfm	25	38	51	64
		Total Pressure	0.004	0.009	0.017	0.027
		Static Pressure	0.003	0.007	0.013	0.020
		NC (Noise Criteria)	5	6	6	7
		Adjacent Zone (AZ) Δ5°	-	2	3	4
		Adjacent Zone (AZ) Δ10°	-	3	4	5
24" x 24"	8"	Airflow, cfm	60	90	120	150
		Total Pressure	0.012	0.028	0.049	0.077
		Static Pressure	0.010	0.023	0.042	0.056
		NC (Noise Criteria)	5	7	9	10
		Adjacent Zone (AZ) Δ5°	2	3	4	5
		Adjacent Zone (AZ) Δ10°	3	4	5	6
48" x 24"	10"	Airflow, cfm	124	185	247	309
		Total Pressure	0.014	0.031	0.055	0.085
		Static Pressure	0.012	0.027	0.048	0.076
		NC (Noise Criteria)	7	12	16	20
		Adjacent Zone (AZ) Δ5°	4	5	6	6
		Adjacent Zone (AZ) Δ10°	5	6	6	7

PERFORMANCE NOTES

- The adjacent zone (AZ) is the discharge isovel at 1" above the floor where the terminal velocity is 40 fpm
- Adjacent zone dimensions were obtained from tests conducted in accordance with Nordtest method of aerodynamic testing and rating of low velocity
- Sound and pressure data were obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006
- DT is the "under temperature" which is the difference between room air temperature at 3-½ ft above the floor and the supply air temperature
- Throw values shown are distances in feet for temperature differentials of 5BF DT and 10BF DT cooling at 50 fpm terminal velocity. The first listed throw value corresponds to the length and the second throw value to the width (see diagram at bottom of page).
- NC values based on octave band 2 to 7 sound power levels minus a room absorption of 10 dB
- Each NC value represents the noise criteria curve which will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10-12 watts
- Dash (-) in space denotes an NC value of less than 10
- All pressures are given in inches of water