ENGINEERING DATA

DFX

UNIT SIZE (in.)	INLET SIZE (in.)	NECK VELOCITY (FPM)	AIRFLOW (CFM)	P_D (in. wc)	P_T (in. wc)	NC (Noise Criteria)	Throw Length & Width in Adjacent Zone (AZ), (ft.)	
							P[illegible]	P[illegible]
60x24	24x3	200	97	0.002	0.004	-	5 - 4	7 - 5
		300	145	0.006	0.009	-	6 - 6	8 - 7
		400	193	0.010	0.016	-	7 - 8	9 - 9
		500	242	0.016	0.025	10	8 - 10	10 - 12
		600	290	0.022	0.036	15	9 - 12	11 - 14
		700	338	0.031	0.049	20	10 - 14	12 - 16
		800	387	0.040	0.064	24	10 - 16	13 - 18

Notes:

1. The adjacent zone (AZ) is the discharge isolevel at 1" above the floor where the terminal velocity is 50 fpm.
2. Tests for sound and pressure conducted in accordance with ASHRAE 70-2006 at isothermal conditions.
3. Tests for AZ conducted in accordance with Nordtest method of aerodynamic testing and rating of low velocity.
4. Tests conducted with straight rigid inlet condition. Other inlet conditions may alter performance.
5. P_D = dynamic (velocity) pressure, P_T = total pressure, inches of water column.
6. NC = Noise Criteria (based on 10db Room attenuation (Re: 10^{-12} watts) evaluated at 125 through 4000Hz octave bands).
7. [illegible] F, between the supply air and the space 3-1/2 feet above the floor.
8. Dash (-) indicates an NC value of less than 10.
9. Throw values are distances in feet at 50 fpm at listed temperature difference (see diagram on page 04).

Displacement Diffusers

ENGINEERING DATA

DFX