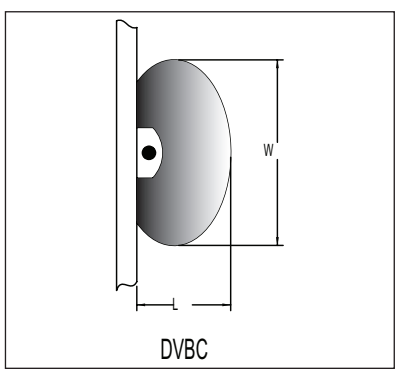
DVBC

Unit Size (W x H)	Inlet Size	Neck Velocity	200	300	400	500	600	700	800
		Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040
36" x 37"	8" Dia	Airflow, cfm	68	101	135	169	203	237	271
		Total Pressure	0.003	0.007	0.012	0.019	0.027	0.036	0.047
		NC (Noise Criteria)	-	-	-	-	-	-	-
		Adjacent Zone (AZ) ΔT5°	2-5	3-7	4-9	4-10	5-12	6-13	6-14
		Adjacent Zone (AZ) ΔT10°	2-6	3-8	4-10	5-11	5-13	6-14	7-16
36" x 37"	10" Dia	Airflow, cfm	106	160	213	266	319	372	425
		Total Pressure	0.004	0.009	0.016	0.025	0.036	0.049	0.064
		NC (Noise Criteria)	-	-	-	-	-	-	10
		Adjacent Zone (AZ) ΔT5°	3-7	4-10	5-12	6-14	7-16	8-18	9-20
		Adjacent Zone (AZ) ΔT10°	3-8	4-11	5-13	6-15	7-18	8-20	9-22
36" x 60"	12" Dia	Airflow, cfm	154	231	308	385	461	538	615
		Total Pressure	0.003	0.007	0.013	0.020	0.029	0.039	0.052
		NC (Noise Criteria)	-	-	-	-	-	-	-
		Adjacent Zone (AZ) ΔT5°	4-9	5-12	6-15	8-18	9-20	10-23	12-25
		Adjacent Zone (AZ) ΔT10°	4-10	5-14	7-17	8-20	10-22	11-25	12-28
36" x 79"	16" Dia	Airflow, cfm	275	412	550	687	825	962	1100
		Total Pressure	0.004	0.009	0.016	0.025	0.037	0.050	0.065
		NC (Noise Criteria)	-	-	-	-	-	10	14
		Adjacent Zone (AZ) ΔT5°	6-13	8-18	10-22	12-26	14-30	16-34	18-37
		Adjacent Zone (AZ) ΔT10°	6-15	8-20	11-25	13-29	15-33	17-37	19-41
36" x 79"	24" x 8"	Airflow, cfm	261	392	522	653	783	914	1045
		Total Pressure	0.005	0.010	0.018	0.029	0.041	0.056	0.074
		NC (Noise Criteria)	-	-	-	-	-	12	16
		Adjacent Zone (AZ) ΔT5°	6-14	9-19	11-23	13-28	16-32	18-35	20-39
		Adjacent Zone (AZ) ΔT10°	7-16	9-21	12-26	14-31	17-35	19-39	21-43
36" x 79"	24" x 12"	Airflow, cfm	394	591	788	984	1181	1378	1575
		Total Pressure	0.006	0.013	0.024	0.037	0.054	0.073	0.096
		NC (Noise Criteria)	-	-	-	-	12	16	20
		Adjacent Zone (AZ) ΔT5°	8-18	11-24	14-30	17-36	20-41	23-46	26-50
		Adjacent Zone (AZ) ΔT10°	8-20	12-27	15-33	18-39	21-45	24-50	27-56

PERFORMANCE NOTES

- The adjacent zone (AZ) is the discharge isovel at 1" above the floor where the terminal velocity is 50 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
- ΔT 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 5°F ΔT and 10°F ΔT 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



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