PERFORMANCE DATA:

Model UNI2-DI • 24 x 24 (600 x 600) Face Size • Dual Inlet Diffuser

Cond. Neck Size	Vent. Neck Size											
8" Dia.	4" Dia.	Total Pressure	.01	.02	.03	.05	.06	.08	.09	.13	.18	.24
		Total CFM	140	175	209	244	279	314	349	419	489	559
		Prim CFM	105	131	157	183	209	236	262	329	399	469
		Vent CFM	35	44	52	61	70	79	87	90	90	90
		Throw	2-3-6	2-4-7	3-4-9	3-5-10	4-6-12	4-6-12	5-7-13	6-9-14	7-10-15	8-12-16
		Noise Criteria	—	—	—	—	—	20	24	31	36	41
10" Dia.	4" Dia.	Total Pressure	.02	.04	.05	.07	.09	.12	.15	.21	.29	.37
		Total CFM	218	273	327	382	436	491	545	654	764	873
		Prim CFM	164	205	245	292	346	401	455	564	674	783
		Vent CFM	55	68	82	90	90	90	90	90	90	90
		Throw	3-4-8	3-5-10	4-6-12	5-7-13	5-8-14	6-9-15	7-10-16	8-12-18	10-13-19	11-14-20
		Noise Criteria	—	—	—	13	18	22	26	32	38	43
12" Dia.	6" Dia.	Total Pressure	.02	.04	.06	.09	.12	.16	.20	.24	.35	.48
		Total CFM	236	314	393	471	550	638	707	785	942	1100
		Prim CFM	177	236	295	353	413	479	530	585	742	900
		Vent CFM	59	79	98	118	138	160	177	200	200	200
		Throw	3-4-8	4-5-11	4-7-13	5-8-15	6-9-16	7-11-17	8-12-18	9-13-19	11-15-21	13-16-23
		Noise Criteria	—	—	—	13	19	24	28	32	38	44
14" Dia.	6" Dia.	Total Pressure	.03	.06	.09	.13	.17	.23	.29	.36	.43	.51
		Total CFM	321	428	535	641	748	855	962	1069	1176	1283
		Prim CFM	241	321	401	481	548	655	762	869	976	1083
		Vent CFM	80	107	134	160	200	200	200	200	200	200
		Throw	3-5-10	4-7-13	6-8-16	7-10-17	8-12-19	9-13-20	10-15-21	11-16-23	12-17-24	13-17-25
		Noise Criteria	—	—	12	19	24	29	33	37	41	44

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.

2. All pressures are in inches w.g.. Total Pressure is based on total airflow. Minimum Ventilation Inlet Static Pressure = Total Pressure.

3. Maximum ventilation inlet airflow based on 1000 fpm.

4. Noise Criteria (NC) values are based upon 10dB room absorption, re 10^{-12} watts. Dash (—) in space indicates a Noise Criteria of less than 10.

5. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.