

PERFORMANCE DATA:

Model UNI2-HI • 24 x 24 (600 x 600) Face Size • High Induction

Nominal Neck Size	Neck Velocity, FPM	200	300	400	500	600	700	800	900	1000	1200
	Velocity Pressure	.003	.006	.010	.016	.023	.031	.040	.051	.063	.090
6" Dia.	Total Pressure	.005	.011	.020	.031	.044	.059	.076	.096	.118	.161
	Airflow, CFM	40	60	80	100	120	140	160	180	200	235
	Throw	1-1-1	1-1-1	1-1-2	1-1-3	1-1-3	1-1-4	1-2-4	1-2-4	1-2-5	1-2-5
	Noise Criteria	—	—	—	—	15	20	24	27	30	35
8" Dia.	Total Pressure	.008	.016	.032	.050	.072	.098	.128	.161	.199	.285
	Airflow, CFM	70	100	140	175	210	245	280	315	350	420
	Throw	1-1-2	1-1-4	1-3-6	2-3-7	2-4-8	3-5-9	3-5-10	4-6-10	4-6-11	4-7-12
	Noise Criteria	—	—	—	16	22	26	31	34	37	43
10" Dia.	Total Pressure	.012	.025	.045	.068	.102	.136	.179	.228	.283	.411
	Airflow, CFM	110	165	220	270	330	380	435	490	545	655
	Throw	1-1-4	2-3-8	3-5-10	4-6-12	5-8-14	6-9-15	6-10-16	7-10-17	7-11-18	8-12-20
	Noise Criteria	—	—	15	22	38	33	38	46	45	52
12" Dia.	Total Pressure	.021	.046	.086	.132	.191	.261	.343	.429	.532	.763
	Airflow, CFM	155	230	315	390	470	550	630	705	785	940
	Throw	2-4-9	5-7-13	7-9-16	8-11-18	9-13-19	10-14-21	11-15-22	12-16-23	13-17-24	14-18-26
	Noise Criteria	—	—	21	28	33	38	42	45	48	53
14" Dia.	Total Pressure	.032	.072	.125	.193	.276	.380	.494	.623	.767	1.100
	Airflow, CFM	210	320	425	530	635	745	850	955	1060	1270
	Throw	5-8-14	8-12-18	10-14-21	12-16-24	14-18-26	15-19-27	16-21-29	17-22-30	18-23-31	19-24-33
	Noise Criteria	—	18	26	32	37	42	45	49	52	57

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.. To obtain static pressure, subtract the velocity pressure from the total pressure.

3. Noise Criteria (NC) values are based upon 10dB room absorption, re 10⁻¹² watts. Dash (—) in space indicates a Noise Criteria of less than 15.

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