PERFORMANCE DATA:

Models 4320S, 4320SA, 4320SAA, 4325S, 4325SA,4325SAA • 12 x 12 (300 x 300) Module Size

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	900	1000	1200	1400
	Velocity Pressure	.006	.010	.016	.022	.031	.040	.050	.062	.090	.122
6" Dia.	Total Pressure	.020	.036	.056	.080	.109	.142	.180	.222	.320	.436
	Airflow, CFM	60	80	100	120	135	155	175	195	235	275
	Throw	1-1-3	1-2-4	1-2-5	2-3-7	2-4-8	3-4-9	3-5-10	3-5-11	4-7-12	5-8-13
	Noise Criteria	—	—	15	21	26	31	34	38	44	49
6 x 6	Total Pressure	.022	.039	.060	.087	.118	.154	.195	.241	.347	.472
	Airflow, CFM	75	100	125	150	175	200	225	250	300	350
	Throw	1-1-3	1-2-5	2-3-6	2-3-7	3-4-9	3-5-10	4-6-11	4-6-12	5-7-14	6-9-15
	Noise Criteria	—	—	17	23	28	32	36	40	46	51

Models 4320S, 4320SA, 4320SAA, 4325S, 4325SA,4325SAA • 24 x 24 (600 x 600) Module Size • Square Neck

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	900	1000	1200	1400
	Velocity Pressure	.006	.010	.016	.022	.031	.040	.050	.062	.090	.122
6 x 6	Total Pressure	.018	.032	.050	.072	.098	.128	.163	.201	.289	.393
	Airflow, CFM	75	100	125	150	175	200	225	250	300	350
	Throw	1-1-3	1-2-5	2-3-6	2-3-7	3-4-9	3-5-10	4-6-11	4-6-12	5-7-14	6-9-15
	Noise Criteria	—	—	17	23	28	32	36	40	46	51
8 x 8	Total Pressure	.020	.036	.056	.081	.110	.144	.182	.224	.323	.440
	Airflow,CFM	135	180	220	265	310	355	400	445	535	620
	Throw	1-2-5	2-3-7	3-4-9	3-5-11	4-6-13	5-7-15	6-8-16	6-8-17	7-11-19	9-13-20
	Noise Criteria	—	—	19	25	30	35	39	42	48	53
10 x 10	Total Pressure	.023	.040	.063	.091	.123	.161	.204	.251	.362	.493
	Airflow, CFM	210	280	345	415	485	555	625	695	835	970
	Throw	2-4-8	3-5-11	4-6-13	5-8-16	6-9-18	7-11-19	8-12-20	9-14-22	11-16-24	13-18-26
	Noise Criteria	—	—	21	27	32	36	40	44	50	55
12 x 12	Total Pressure	.024	.043	.067	.097	.132	.172	.218	.269	.388	.528
	Airflow, CFM	300	400	500	600	700	800	900	1000	1200	1400
	Throw	3-5-11	4-7-14	6-9-18	7-11-21	8-12-23	9-14-24	11-16-26	12-18-27	14-21-30	17-23-32
	Noise Criteria	—	15	22	28	34	38	42	45	51	57

Performance Notes:

1. All pressures are in inches w.g..
2. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
3. Noise Criteria (NC) values are based upon 10 dB room absorption, re 10^{-12} watts. Dash (—) in space indicates an Noise Criteria of less than 15.
4. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2023.

Balancing:

It is recommended that a commercially available 'Flow Hood' is used for field balancing. The airflow meter directly reads average flow rate with great accuracy at all volumes. It is a much faster and more accurate alternative to time consuming multiple velocity readings, eliminating the use of Ak factors and the calculations required to convert the average velocity into airflow.

PERFORMANCE DATA:

Models 4320S, 4320SA, 4320SAA, 4325S, 4325SA,4325SAA • 24 x 24 (600 x 600) Module Size • Round Neck

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	900	1000	1200	1400
	Velocity Pressure	.006	.010	.016	.022	.031	.040	.050	.062	.090	.122
6" Dia.	Total Pressure	.017	.031	.048	.069	.094	.123	.155	.192	.276	.376
	Airflow, CFM	60	80	100	120	135	155	175	195	235	275
	Throw	1-1-3	1-2-4	1-2-5	2-3-7	2-4-8	3-4-9	3-5-10	3-5-11	4-7-12	5-8-13
	Noise Criteria	—	—	15	21	26	31	35	38	44	49
8" Dia.	Total Pressure	.018	.032	.051	.073	.099	.129	.164	.202	.291	.396
	Airflow, CFM	105	140	175	210	245	280	315	350	420	490
	Throw	1-2-4	2-3-6	2-4-8	3-5-9	3-5-11	4-6-13	5-7-14	5-8-15	6-9-16	7-11-18
	Noise Criteria	—	—	18	24	29	34	38	41	47	52
10" Dia.	Total Pressure	.021	.038	.059	.085	.115	.151	.191	.235	.339	.461
	Airflow, CFM	165	220	275	325	380	435	490	545	655	765
	Throw	2-3-6	2-4-9	3-5-11	4-6-13	5-7-15	6-8-17	7-9-18	7-11-19	8-13-21	10-15-23
	Noise Criteria	—	—	21	26	31	35	40	43	49	54
12" Dia.	Total Pressure	.023	.042	.065	.094	.128	.167	.211	.260	.375	.510
	Airflow, CFM	235	315	395	470	550	630	705	785	940	1100
	Throw	3-4-9	4-6-12	5-7-14	6-9-18	7-10-20	8-12-21	9-14-22	10-15-23	12-18-26	14-20-28
	Noise Criteria	—	15	23	29	34	38	43	46	52	57
14" Dia.	Total Pressure	.024	.043	.068	.098	.133	.174	.220	.272	.391	.532
	Airflow, CFM	320	430	535	640	750	855	960	1070	1285	1495
	Throw	3-5-11	5-7-15	6-9-19	7-11-22	8-13-23	10-15-25	11-17-26	12-19-28	15-22-31	18-23-33
	Noise Criteria	—	17	25	31	36	40	45	48	54	59
15" Dia.	Total Pressure	.025	.045	.070	.101	.137	.179	.227	.280	.403	.549
	Airflow, CFM	370	490	615	735	860	980	1105	1225	1475	1720
	Throw	4-6-13	6-8-17	7-10-21	8-13-24	9-15-26	12-17-28	13-19-29	15-21-30	17-23-33	20-25-36
	Noise Criteria	—	18	26	32	37	41	46	49	55	61
16" Dia.	Total Pressure	.026	.046	.072	.104	.141	.184	.233	.288	.415	.565
	Airflow, CFM	420	560	700	840	975	1115	1255	1395	1675	1955
	Throw	4-7-14	6-9-19	8-12-23	9-14-25	11-17-28	13-19-29	15-21-31	16-23-33	19-25-36	22-28-39
	Noise Criteria	—	19	27	33	38	42	47	50	56	62

Performance Notes:

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