

TSW / SWIRL FACE

		Neck Velocity	200	300	400	500	600	700	800	900	1000	1100	1200	1300
		Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040	0.051	0.062	0.075	0.090	0.105
24 x 24 Module	6" Dia.	Airflow, cfm	34	59	79	98	118	138	157	177	197	216	236	256
		Total Pressure	0.004	0.012	0.022	0.034	0.049	0.067	0.087	0.106	0.126	0.155	0.188	0.219
		NC (Noise Criteria)	--	--	4	9	13	16	19	23	26	30	33	35
		Throw	0-1-3	1-2-4	2-3-5	2-3-6	3-4-6	3-5-7	3-5-7	4-5-8	4-6-8	5-6-9	5-6-9	5-7-9
	8" Dia.	Airflow, cfm	70	105	139	174	209	245	279	314	349	384	419	454
		Total Pressure	0.008	0.017	0.030	0.047	0.067	0.094	0.117	0.145	0.189	0.218	0.259	0.304
		NC (Noise Criteria)	--	6	12	17	21	27	31	35	38	40	41	43
		Throw	1-2-3	1-2-4	2-3-5	2-3-7	3-4-7	3-5-8	4-5-9	4-6-9	5-7-10	5-7-10	5-7-11	6-8-11
	10" Dia.	Airflow, cfm	109	164	218	273	328	382	436	491	546	601	655	
		Total Pressure	0.011	0.024	0.043	0.068	0.114	0.152	0.191	0.240	0.297	0.359	0.427	
		NC (Noise Criteria)	--	10	16	21	28	34	36	40	42	44	46	
		Throw	1-2-4	2-3-6	3-4-8	4-5-9	4-6-10	5-7-11	6-8-12	6-9-13	8-9-13	8-10-14	8-10-14	
	12" Dia.	Airflow, cfm	157	239	319	393	471	550	628	707	785	864		
		Total Pressure	0.023	0.053	0.094	0.138	0.199	0.271	0.354	0.448	0.554	0.670		
		NC (Noise Criteria)	9	18	24	30	38	41	44	47	49	51		
		Throw	2-3-5	3-4-8	4-5-10	5-6-11	5-8-13	6-9-14	7-10-15	8-11-15	9-12-16	9-12-17		

- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See the section, Engineering Guidelines of this catalog for additional information.
- Throw values given are for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions. See the section, Engineering Guidelines for the catalog throw data information.
- Each NC value represents the noise criteria curve that 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
- To obtain static pressure, subtract the velocity pressure from the total pressure