

		Neck Velocity (fpm)	400	500	600	700	800	900	1000	1200	1400	1600
		Velocity Pressure (in. w.g.)	0.010	0.016	0.022	0.031	0.040	0.051	0.062	0.090	0.122	0.160
12" x 12" Ceiling Module Size	6	Total Pressure (in. w.g.)	0.018	0.028	0.041	0.056	0.073	0.094	0.114	0.164	0.223	0.291
		Air Flow (cfm)	78	98	118	137	157	176	196	235	274	314
		Throw (ft.)	2-2-5	2-3-6	2-3-7	3-4-8	3-5-9	3-6-9	4-6-10	5-7-11	5-8-12	6-9-13
		NC (dB)	--	--	--	--	18	25	28	32	37	42
	7	Total Pressure (in. w.g.)	0.020	0.031	0.045	0.062	0.081	0.104	0.126	0.181	0.247	0.322
		Air Flow (cfm)	107	134	160	187	214	240	267	320	374	427
		Throw (ft.)	2-3-5	2-3-7	3-4-8	3-5-9	4-5-10	4-6-11	4-7-12	5-8-13	6-9-14	7-10-15
		NC (dB)	--	--	--	15	20	24	28	34	39	44
	8	Total Pressure (in. w.g.)	0.022	0.035	0.050	0.069	0.090	0.115	0.140	0.202	0.275	0.359
		Air Flow (cfm)	140	175	209	244	279	314	349	419	489	558
		Throw (ft.)	2-3-6	3-4-8	3-5-9	4-5-11	4-6-12	4-7-12	5-8-13	6-9-14	7-11-16	8-12-17
		NC (dB)	--	--	--	18	22	25	29	36	41	46
24" x 24" Ceiling Module Size	6	Neck Velocity (fpm)	400	500	600	700	800	900	1000	1200	1400	1600
		Velocity Pressure (in. w.g.)	0.010	0.016	0.022	0.031	0.040	0.051	0.062	0.090	0.122	0.160
	6	Total Pressure (in. w.g.)	0.017	0.025	0.036	0.048	0.063	0.079	0.097	0.138	0.186	0.242
		Air Flow (cfm)	78	98	117	137	157	176	196	235	274	314
		Throw (ft.)	1-2-4	1-2-4	2-3-5	2-3-6	2-4-7	3-4-7	3-4-7	4-5-8	4-6-9	5-7-9
		NC (dB)	--	--	--	--	16	19	22	28	32	36
	8	Total Pressure (in. w.g.)	0.018	0.270	0.039	0.052	0.068	0.085	0.105	0.149	0.202	0.263
		Air Flow (cfm)	139	174	209	244	279	314	349	419	489	558
		Throw (ft.)	2-2-5	2-3-6	2-4-7	3-4-8	3-5-9	4-6-9	4-6-10	5-7-11	6-8-12	7-9-12
		NC (dB)	--	--	--	15	19	23	26	31	36	40
	10	Total Pressure (in. w.g.)	0.021	0.032	0.046	0.062	0.081	0.101	0.125	0.178	0.241	0.314
		Air Flow (cfm)	218	273	327	382	436	491	545	654	763	872
		Throw (ft.)	2-3-6	3-4-8	3-5-9	4-6-10	4-6-11	5-7-12	5-8-12	6-9-13	8-10-14	9-11-15
		NC (dB)	--	--	--	18	22	25	29	34	39	43
	12	Total Pressure (in. w.g.)	0.025	0.038	0.053	0.072	0.094	0.118	0.145	0.208	0.282	0.367
		Air Flow (cfm)	314	393	471	549	628	706	785	942	1099	1256
		Throw (ft.)	3-4-8	3-5-10	4-6-11	5-7-12	5-8-13	6-9-14	7-10-15	8-11-16	9-12-17	11-13-19
		NC (dB)	--	--	16	21	24	28	31	36	41	45
	14	Total Pressure (in. w.g.)	0.028	0.043	0.061	0.082	0.107	0.134	0.165	0.236	0.321	0.418
		Air Flow (cfm)	428	535	641	748	855	962	1069	1283	1497	1710
		Throw (ft.)	3-5-10	4-6-12	5-7-13	6-9-14	6-10-15	7-11-16	8-12-17	10-13-19	11-14-20	12-15-22
		NC (dB)	--	--	18	22	26	27	33	38	43	47

- Throw data is given for isothermal conditions.
- Throw values are given for the terminal velocities of 150, 100 and 50 fpm.
- NC values are based on room absorption of 10dB re 10⁻¹² watts.
- Blanks “—” indicate NC value of less than 15dB.
- If the diffuser is mounted on exposed duct, the throw values are 70% of those listed in the table.
- To obtain static pressure, subtract the velocity pressure from the total pressure.