PMC / SUPPLY / MODULAR CORE - 1-, 2-, 3- OR 4-WAY BLOW PATTERN

	Neck Velocity	300	400	500	600	700	800	900	1000	1100
	Velocity Pressure	0.006	0.010	0.016	0.022	0.031	0.040	0.051	0.062	0.075
6 x 6 Neck	Air Flow, cfm	75	100	125	150	175	200	225	250	275
	Total Pressure	0.008	0.014	0.022	0.031	0.043	0.056	0.070	0.087	0.105
	NC (Noise Criteria)	-	-	12	17	22	27	30	34	37
	1 Way - Horizontal Throw	3-5-9	4-6-12	5-8-15	6-9-18	7-11-21	8-12-22	9-14-23	10-15-25	11-17-26
	2 Way - Horizontal Throw	1-3-6	2-4-8	3-5-10	4-6-12	5-7-13	5-8-14	6-9-15	7-10-16	7-11-17
	3 Way - Horizontal Throw	1-2-5	2-3-6	3-4-8	3-5-9	4-5-11	4-6-12	5-7-13	5-8-13	6-9-14
	4 Way - Horizontal Throw	1-1-3	1-2-4	2-2-5	2-3-5	2-3-6	2-4-7	3-4-8	3-5-9	3-5-9
8 x 8 Neck	Air Flow, cfm	133	178	222	267	311	356	400	444	489
	Total Pressure	0.011	0.020	0.031	0.044	0.060	0.079	0.100	0.123	0.149
	NC (Noise Criteria)	-	-	17	22	27	32	35	39	42
	1 Way - Horizontal Throw	4-6-12	5-8-16	7-10-20	8-12-24	9-14-27	11-16-29	12-18-31	13-20-33	15-22-34
	2 Way - Horizontal Throw	2-4-8	3-5-11	4-7-13	5-8-16	6-9-18	7-11-19	8-12-20	9-13-21	10-15-22
	3 Way - Horizontal Throw	2-3-6	3-4-8	3-5-10	4-6-12	5-7-14	6-8-16	6-9-17	7-10-18	8-11-19
	4 Way - Horizontal Throw	1-2-4	2-2-5	2-3-6	2-4-7	3-4-8	3-5-10	4-5-11	4-6-12	4-7-13
10 x 10 Neck	Air Flow, cfm	208	278	347	417	486	556	625	694	764
	Total Pressure	0.015	0.027	0.042	0.061	0.083	0.109	0.137	0.170	0.205
	NC (Noise Criteria)	-	14	21	26	31	36	39	43	46
	1 Way - Horizontal Throw	5-8-15	7-10-20	8-13-25	10-15-30	12-18-34	13-20-37	15-23-39	17-25-41	18-28-43
	2 Way - Horizontal Throw	2-5-10	4-7-13	6-8-17	7-10-20	8-12-22	9-13-24	10-15-25	11-17-27	12-18-28
	3 Way - Horizontal Throw	2-4-8	3-5-10	4-6-13	5-8-16	6-9-18	7-10-20	8-12-21	9-13-22	9-14-23
	4 Way - Horizontal Throw	1-2-5	2-3-6	3-4-8	3-5-9	4-5-11	4-6-12	5-7-14	5-8-15	6-8-16
12 x 12 Neck	Air Flow, cfm	300	400	500	600	700	800	900	1000	1100
	Total Pressure	0.020	0.036	0.057	0.082	0.111	0.145	0.184	0.227	0.274
	NC (Noise Criteria)	-	17	24	30	35	39	43	46	49
	1 Way - Horizontal Throw	6-9-18	8-12-24	10-15-30	12-18-36	14-21-41	16-24-44	18-27-47	20-30-49	22-33-52
	2 Way - Horizontal Throw	3-6-12	5-8-16	7-10-20	8-12-24	9-14-27	11-16-29	12-18-30	13-20-32	15-22-34
	3 Way - Horizontal Throw	2-5-9	4-6-12	5-8-16	6-9-19	7-11-22	8-12-24	9-14-25	10-16-27	11-17-28
	4 Way - Horizontal Throw	2-3-5	2-4-7	3-5-9	4-5-11	4-6-13	5-7-14	5-8-16	6-9-18	7-10-19
16 x 16 Neck	Air Flow, cfm	469	625	781	938	1094	1250	1406	1563	1719
	Total Pressure	0.030	0.053	0.083	0.119	0.162	0.212	0.268	0.331	0.401
	NC (Noise Criteria)	12	21	28	34	39	43	47	50	53
	1 Way - Horizontal Throw	8-11-23	10-15-30	13-19-38	15-23-45	18-26-51	20-30-55	23-34-58	25-38-61	28-41-64
	2 Way - Horizontal Throw	4-8-15	6-10-20	8-13-25	10-15-30	12-18-33	13-20-36	15-23-38	17-25-40	18-28-42
	3 Way - Horizontal Throw	3-6-12	5-8-16	6-10-19	8-12-23	9-14-27	10-16-30	12-17-32	13-19-34	14-21-35
	4 Way - Horizontal Throw	2-3-7	3-5-9	4-6-11	5-7-14	5-8-16	6-9-18	7-10-20	8-11-22	8-12-23
18 x 18 Neck	Air Flow, cfm	675	900	1125	1350	1575	1800	2025	2250	2475
	Total Pressure	0.041	0.073	0.115	0.165	0.225	0.294	0.372	0.459	0.556
	NC (Noise Criteria)	15	24	31	37	42	46	50	53	56
	1 Way - Horizontal Throw	9-14-27	12-18-36	15-23-45	18-27-54	21-32-62	24-36-66	27-41-70	30-45-74	33-50-77
	2 Way - Horizontal Throw	4-9-18	7-12-24	10-15-30	12-18-36	14-21-40	16-24-43	18-27-46	20-30-48	22-33-50
	3 Way - Horizontal Throw	4-7-14	6-9-19	8-12-23	9-14-28	11-16-33	12-19-36	14-21-38	16-23-40	17-26-42
	4 Way - Horizontal Throw	2-4-8	4-5-11	5-7-14	5-8-16	6-9-19	7-11-22	8-12-24	9-14-27	10-15-28

- 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 Engineering Guidelines section of this catalog for additional information.
- Throw values are given for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions. See the section, Engineering Guidelines, for an explanation of catalog throw data.
- NC values based on octave band 2 to 7 sound power levels minus a room absorption of 10 dB
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2nd through 7th, 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