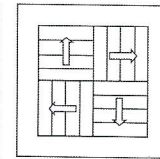


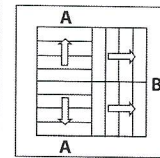
# Model : MODC 200

## PERFORMANCE DATA

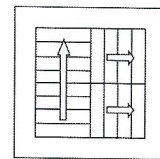
Listed Size & Neck Area Sq.Ft.	Effective Area AK Sq.Ft.	Vn Neck Velocity Fpm Vt Outlet Velocity Fpm Pt Total Pressure Side Designation	200		300		400		500		600		700		
			A	B	A	B	A	B	A	B	A	B	A	B	
10 x 10 0.69 Ft <sup>2</sup>	0.312 Sq. Ft	CFM	140	205	275	345	415	485							
		NC	<20	<20	<20	23	28	33							
		THROW 4-Way	4-5	5-7	6-9	7-10	8-12	9-13							
		3-Way	4-5 6-7	5-7 7-10	6-9 8-13	7-10 10-14	8-12 11-17	9-13 13-18							
		2-Way	6-7	7-10	8-13	10-14	11-17	13-18							
		1-Way	8-10	10-14	12-18	14-20	16-24	18-26							
12 X 12 1 Ft <sup>2</sup>	0.444 Sq. Ft	CFM	200	300	400	500	600	700							
		NC	<20	<20	<20	25	31	36							
		THROW 4-Way	4-6	6-8	7-10	8-12	9-14	10-15							
		3-Way	4-6 6-8	6-8 8-11	7-10 10-14	8-12 11-17	9-14 13-20	10-15 14-21							
		2-Way	6-8	8-11	10-14	11-17	13-20	14-21							
		1-Way	8-12	12-16	14-20	16-24	18-28	20-30							
14 X 14 1.36 Ft <sup>2</sup>	0.604 Sq. Ft	CFM	270	405	545	680	815	950							
		NC	<20	<20	21	27	33	38							
		THROW 4-Way	5-7	7-10	8-12	10-14	11-17	12-18							
		3-Way	5-7 7-10	7-10 10-14	8-12 11-17	10-14 14-20	11-17 16-24	12-18 17-25							
		2-Way	7-10	10-14	11-17	14-20	16-24	17-25							
		1-Way	10-14	14-20	16-24	20-28	22-34	24-36							
16 X 16 1.78 Ft <sup>2</sup>	0.792 Sq. Ft	CFM	355	530	710	885	1070	1245							
		NC	20	20	21	28	33	38							
		THROW 4-Way	5-8	8-11	9-14	11-16	12-19	13-20							
		3-Way	5-8 7-11	8-11 11-16	9-14 13-20	11-16 16-22	12-19 17-27	13-20 18-28							
		2-Way	7-11	11-16	13-20	16-22	17-27	18-28							
		1-Way	10-16	16-22	18-28	22-32	24-38	26-40							
18 X 18 2.25 Ft <sup>2</sup>	0.996 Sq. Ft	CFM	450	670	900	1120	1345	1570							
		NC	<20	<20	22	29	34	39							
		THROW 4-Way	6-9	9-12	10-15	12-18	13-21	15-23							
		3-Way	6-9 8-13	9-12 13-17	10-15 14-21	12-18 17-25	13-21 18-30	15-23 21-32							
		2-Way	8-13	13-17	14-21	17-25	18-30	21-32							
		1-Way	12-18	18-24	20-30	24-36	26-42	30-46							
20 X 20 2.78 Ft <sup>2</sup>	1.236 Sq. Ft	CFM	550	830	1110	1390	1670	1945							
		NC	<20	<20	23	30	35	40							
		THROW 4-Way	7-10	10-13	12-16	13-20	15-23	16-24							
		3-Way	7-10 10-14	10-13 14-18	12-16 17-22	13-20 18-28	15-23 21-32	16-24 22-34							
		2-Way	10-14	14-18	17-22	18-28	21-32	22-34							
		1-Way	14-20	20-26	24-32	26-40	30-46	32-48							
22 X 22 3.36 Ft <sup>2</sup>	1.492 Sq. Ft	CFM	670	1010	1345	1680	2015	2350							
		NC	<20	<20	23	31	36	41							
		THROW 4-Way	7-11	11-15	13-18	15-22	16-25	18-27							
		3-Way	7-11 10-16	11-15 16-21	13-18 18-25	15-22 21-31	16-25 22-35	18-27 25-38							
		2-Way	10-16	16-21	18-25	21-31	22-35	25-38							
		1-Way	14-22	22-30	26-36	30-44	32-50	36-54							
24 X 24 4 Ft <sup>2</sup>	1.776 Sq. Ft	CFM	800	1200	1600	2000	2400	2800							
		NC	<20	<20	26	32	38	42							
		THROW 4-Way	8-12	12-16	14-20	16-24	18-28	20-30							
		3-Way	8-12 11-17	12-16 17-22	14-20 20-28	16-24 22-34	18-28 25-39	20-30 28-42							
		2-Way	11-17	17-22	20-28	22-34	25-39	28-42							
		1-Way	16-24	24-32	28-40	32-48	36-56	40-60							



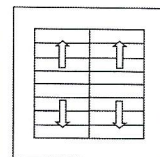
4 - Way



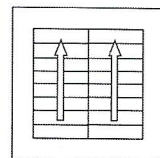
3 - Way



2 - Way Corner



2 - Way Opposite



1 - Way

### Notes:

- 1) Tests conducted in accordance with ANSI/ASHRAE 70-1991 at Isothermal conditions.
- 2) Tests conducted with a straight rigid inlet condition. Other inlet conditions may alter performance.
- 3) Units: Neck Velocity = fpm; Total Pressure = in. wc; Velocity Pressure = in. wc; Throw = ft. at 150 fpm, 100 fpm and 50 fpm terminal velocity, effective area Ak=ft<sup>2</sup>
- 4) NC is based upon 10dB room absorption (Re: 10-12watts) evaluated at 125 thru 4000 Hz octave bands.
- 5) Flow hoods are recommended for system balancing.