



Performance Data

MA Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Total Pressure	400	500	600	700	800	1000
			0.032	0.058	0.088	0.125	0.158	0.202
6x6	0.150	CFM	60	75	90	105	120	150
		NC	<20	20	25	25-30	30	35
		Throw(ft.)	3 5 9	4 6 12	5 7 14	6 8 16	7 9 17	9 11 19
8x8	0.296	CFM	118	148	178	207	237	296
		NC	<20	20	25	25-30	30	35
		Throw(ft.)	6 8 13	7 9 15	7 10 18	8 11 20	9 12 21	10 14 26
10x10	0.492	CFM	197	246	295	344	393	492
		NC	20	20	25	25-30	30	40
		Throw(ft.)	8 10 15	8 10 19	9 12 21	10 13 22	11 14 24	12 16 27
12x12	0.736	CFM	294	368	442	515	589	736
		NC	20	25	25-30	30	35	40
		Throw(ft.)	9 11 19	10 13 21	12 15 23	13 16 25	14 17 27	15 19 32
14x14	1.030	CFM	412	515	618	721	824	1030
		NC	20	25	25-30	30	35	40
		Throw(ft.)	10 12 21	11 14 24	14 17 27	14 18 28	15 19 29	17 21 37
16x16	1.373	CFM	549	686	824	961	1098	1373
		NC	<20	25	30	35	35	45
		Throw(ft.)	11 13 25	12 16 28	15 18 30	15 19 31	17 21 33	18 23 39
18x18	1.765	CFM	706	883	1059	1236	1412	1765
		NC	<20	25	30	35	40	45
		Throw(ft.)	12 15 27	14 18 32	16 20 33	17 22 36	19 24 38	20 25 40
20x20	2.206	CFM	883	1103	1324	1544	1765	2206
		NC	<20	25	30	35	40	45
		Throw(ft.)	14 18 28	17 21 33	18 23 35	20 25 39	21 26 41	22 28 44
24x24	3.236	CFM	1295	1618	1942	2265	2589	3236
		NC	<20	25	30	40	45	45-50
		Throw(ft.)	15 19 33	20 25 39	21 28 46	22 29 47	24 32 48	26 35 55

Performance Notes:

- 1) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- 2) Throw data is based on supply air and room air both at isothermal conditions
- 3) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 4) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006