

Performance Data



MA Series																												
6x6 .212ft/sq	FPM	300			400			500			600			700			800			900			1000			1100		
	VP	0.006			0.01			0.016			0.022			0.031			0.04			0.05			0.062			0.075		
	CFM	64			85			106			127			148			170			191			212			233		
	SP	0.003			0.006			0.011			0.015			0.019			0.025			0.031			0.039			0.046		
	TP	0.009			0.016			0.027			0.037			0.050			0.065			0.081			0.101			0.121		
	NC	-			-			17			18			24			29			32			35			37		
	1w throw	4	7	16	5	11	24	9	15	29	13	18	35	13	20	40	16	24	46	18	26	49	20	29	53	22	33	60
	2w throw	3	6	13	4	9	19	7	12	23	10	15	28	10	16	32	13	19	36	15	20	39	16	23	42	17	26	48
	3w throw	2	5	11	4	7	15	6	9	19	8	12	23	8	13	26	11	15	30	12	17	32	13	19	34	14	21	39
4w throw	2	4	8	3	5	12	5	7	15	6	9	17	6	10	20	8	12	23	9	13	25	10	15	26	11	16	30	
8x8 .363ft/sq	FPM	300			400			500			600			700			800			900			1000			1100		
	CFM	109			145			182			218			254			290			327			363			399		
	SP	0.004			0.008			0.012			0.017			0.022			0.028			0.035			0.043			0.052		
	TP	0.010			0.018			0.028			0.039			0.053			0.068			0.085			0.105			0.127		
	NC	-			-			-			18			24			30			32			35			37		
	1w throw	4	9	19	6	13	28	11	17	34	15	22	41	15	24	47	19	28	54	22	30	58	24	34	62	26	39	71
	2w throw	3	7	15	5	10	22	9	14	28	12	17	33	12	19	38	15	22	43	17	24	46	19	28	50	21	31	57
	3w throw	3	6	13	4	8	18	7	11	22	10	14	27	10	15	31	13	18	35	14	20	38	15	22	41	17	25	46
	4w throw	2	4	10	3	6	14	5	9	17	8	11	20	8	12	24	10	14	27	11	15	29	12	17	31	13	19	35
10x10 .59ft/sq	FPM	300			400			500			600			700			800			900			1000			1100		
	CFM	177			236			295			354			413			472			531			590			649		
	SP	0.005			0.010			0.015			0.022			0.027			0.037			0.045			0.055			0.066		
	TP	0.011			0.020			0.031			0.044			0.058			0.077			0.095			0.117			0.141		
	NC	-			-			17			18			23			25			31			32			35		
	1w throw	8	14	28	12	19	38	16	24	43	20	29	49	23	33	55	26	38	60	29	40	65	32	43	68	34	47	75
	2w throw	6	11	22	9	15	30	13	19	34	16	23	40	18	27	44	21	30	48	23	32	52	26	34	54	28	38	60
	3w throw	5	9	18	8	13	24	10	15	28	13	19	32	15	22	36	17	24	39	19	26	42	21	28	44	22	31	49
	4w throw	4	7	14	6	10	19	8	12	22	10	15	25	11	17	27	13	19	30	15	20	32	16	22	34	17	24	38
12x12 .826ft/sq	FPM	300			400			500			600			700			800			900			1000			1100		
	CFM	248			330			413			496			578			661			743			826			909		
	SP	0.008			0.013			0.019			0.027			0.036			0.046			0.057			0.069			0.082		
	TP	0.014			0.023			0.035			0.049			0.067			0.086			0.107			0.131			0.157		
	NC	-			17			17			18			23			24			29			29			32		
	1w throw	11	19	37	17	26	47	22	30	52	26	37	58	30	43	62	32	47	67	37	49	71	41	52	73	43	56	80
	2w throw	9	15	29	14	21	38	17	24	41	21	29	46	24	34	50	26	38	53	29	40	57	33	41	58	34	45	64
	3w throw	7	13	24	11	17	31	14	20	34	17	24	38	20	28	41	21	31	43	24	32	46	27	34	48	28	36	52
	4w throw	5	10	18	9	13	24	11	15	26	13	18	29	15	22	31	16	24	33	18	25	35	20	26	37	22	28	40

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Performance Data



14x14 1.16ft/sq	FPM	300	400	500	600	700	800	900	1000	1100																		
	CFM	348	464	580	696	812	928	1044	1160	1276																		
	SP	0.006	0.011	0.016	0.022	0.031	0.041	0.050	0.059	0.072																		
	TP	0.012	0.021	0.032	0.044	0.062	0.081	0.100	0.121	0.147																		
	NC	-	18	24	29	31	34	39	42	46																		
	1w throw	12	22	40	19	29	48	24	35	53	29	40	58	34	45	63	37	48	68	40	53	73	44	56	77	46	60	84
	2w throw	9	17	32	15	23	39	19	28	42	23	32	46	28	36	51	29	39	54	32	42	58	35	45	62	37	48	67
	3w throw	8	14	26	13	19	31	15	23	34	19	26	38	22	29	41	24	31	44	26	34	48	29	36	50	30	39	55
	4w throw	6	11	20	10	15	24	12	18	26	15	20	29	17	23	32	18	24	34	20	26	37	22	28	39	23	30	42
16x16 1.51ft/sq	FPM	300	400	500	600	700	800	900	1000	1100																		
	CFM	453	604	755	906	1057	1208	1359	1510	1661																		
	SP	0.005	0.010	0.015	0.021	0.028	0.036	0.044	0.054	0.069																		
	TP	0.011	0.020	0.031	0.043	0.059	0.076	0.094	0.116	0.144																		
	NC	-	-	27	35	38	41	43	49	52																		
	1w throw	13	24	43	22	32	49	26	41	54	32	43	58	39	47	65	41	49	69	43	56	75	47	60	82	49	65	88
	2w throw	10	19	34	17	26	40	21	33	43	26	34	46	31	38	52	33	40	55	34	45	60	38	48	65	40	52	71
	3w throw	8	15	28	14	21	32	17	27	35	21	28	38	25	31	42	27	32	45	28	36	49	31	39	53	32	42	57
	4w throw	6	12	22	11	16	25	13	20	27	16	22	29	19	24	32	20	25	34	22	28	38	24	30	41	25	32	44
18x18 1.91ft/sq	FPM	300	400	500	600	700	800	900	1000	1100																		
	CFM	573	764	955	1146	1337	1528	1719	1910	2101																		
	SP	0.005	0.011	0.017	0.022	0.030	0.038	0.048	0.059	0.075																		
	TP	0.011	0.021	0.033	0.044	0.061	0.078	0.098	0.121	0.150																		
	NC	-	-	27	36	39	43	45	51	54																		
	1w throw	14	26	46	23	35	53	28	44	58	35	46	63	42	51	70	44	53	74	46	60	81	51	65	88	53	70	95
	2w throw	11	20	37	19	28	43	22	35	46	28	37	50	33	41	56	35	43	59	37	48	65	41	52	71	43	56	76
	3w throw	9	17	30	15	23	35	18	29	38	23	30	41	27	33	45	29	35	48	30	39	53	33	42	57	35	45	62
	4w throw	7	13	23	12	17	27	14	22	29	17	23	31	21	26	35	22	27	37	23	30	41	26	33	44	27	35	48
20x20 2.3ft/sq	FPM	300	400	500	600	700	800	900	1000	1100																		
	CFM	690	920	1150	1380	1610	1840	2070	2300	2530																		
	SP	0.006	0.012	0.019	0.023	0.033	0.041	0.051	0.064	0.080																		
	TP	0.012	0.022	0.035	0.045	0.064	0.081	0.101	0.126	0.155																		
	NC	15	19	29	38	41	46	48	54	57																		
	1w throw	15	27	49	25	37	57	30	47	62	37	49	66	44	54	74	47	57	79	49	64	86	54	69	94	57	74	101
	2w throw	12	22	39	20	30	45	24	37	49	30	39	53	35	43	59	37	45	63	39	51	69	43	55	75	45	59	81
	3w throw	10	18	32	16	24	37	19	30	40	24	32	43	29	35	48	30	37	51	32	42	56	35	45	61	37	48	66
	4w throw	7	14	25	12	18	28	15	23	31	18	25	33	22	27	37	23	28	39	25	32	43	27	34	47	28	37	50

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Performance Data



24x24 3.30ft/sq	FPM	300			400			500			600			700			800			900			1000			1100		
	CFM	990			1320			1650			1980			2310			2640			2970			3300			3630		
	SP	0.007			0.013			0.021			0.027			0.038			0.047			0.059			0.074			0.093		
	TP	0.013			0.023			0.037			0.049			0.069			0.087			0.109			0.136			0.168		
	NC	15			22			31			42			45			50			53			59			63		
	1w throw	16	30	54	27	41	62	32	51	68	41	54	73	49	60	81	51	62	87	54	70	95	60	76	103	62	81	111
	2w throw	13	24	43	22	32	50	26	41	54	32	43	58	39	48	65	41	50	69	43	56	76	48	61	82	50	65	89
	3w throw	11	19	35	18	26	40	21	33	44	26	35	48	32	39	53	33	40	56	35	46	62	39	49	67	40	53	72
	4w throw	8	15	27	14	20	31	16	26	34	20	27	37	24	30	41	26	31	43	27	35	47	30	38	51	31	41	56

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 the 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