

# Performance Data



MAT Series																																														
22x22 2.86ft/sq	FPM	300					400					500					600					700					800					900					1000					1100				
	CFM	858					1144					1430					1716					2002					2288					2574					2860					3146				
	SP	0.006					0.013					0.020					0.025					0.035					0.044					0.055					0.069					0.087				
	TP	0.012					0.023					0.036					0.047					0.066					0.084					0.105					0.131					0.162				
	NC	15					21					30					40					43					48					50					56					60				
	1w throw	16	28	52	26	39	59	31	49	65	39	52	70	47	57	78	49	59	83	52	67	90	57	72	98	59	78	106																		
	2w throw	12	23	41	21	31	48	25	39	52	31	41	56	37	45	62	39	48	66	41	54	72	45	58	79	48	62	85																		
	3w throw	10	18	34	17	25	39	20	32	42	25	34	45	30	37	50	32	39	54	34	44	59	37	47	64	39	50	69																		
4w throw	8	14	26	13	19	30	16	25	32	19	26	35	23	28	39	25	30	41	26	34	45	28	36	49	30	39	53																			

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