Performance Data

700 MCB Series

Neck Size	Core Eff. Area (ft^2)	Neck Velocity (FPM)	400			500			600			700			800			1000		
		Total Pressure	0.038			0.049			0.066			0.092			0.114			0.180		
6x6-6	0.116	CFM	47			58			70			82			93			116		
		NC	<20			<20			<20			20			20			20		
		Throw (ft.)	2	3	5	2	3	7	3	4	8	4	5	9	5	7	12	6	8	13
8x8-8	0.235	CFM	94			117			141			164			188			235		
		NC	<20			<20			<20			20			20			20		
		Throw (ft.)	3	4	8	4	5	9	4	6	12	6	8	13	7	9	15	8	10	17
10x10-10	0.394	CFM	157			197			236			275			315			394		
		NC	<20			<20			20			25			25			25-30		
		Throw (ft.)	4	6	12	6	8	14	7	9	16	8	11	17	9	12	19	10	14	22
12x12-12	0.593	CFM	237			297			356			415			474			593		
		NC	<20			20			25			25			25-30			30		
		Throw (ft.)	6	8	16	8	11	17	10	13	19	12	15	21	13	16	24	14	18	26
14x14-14	0.833	CFM	333			417			500			583			667			833		
		NC	<20			20			25			25-30			25-30			30		
		Throw (ft.)	8	11	18	11	14	20	14	17	23	15	18	26	16	19	29	17	21	30

Performance Notes:

1) For square neck multiply CFM x 1.21
2) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
3) Throw data is based on supply air and room air both at isothermal conditions
4) Effective core areas listed in the chart are defined as the measurement of space between the blades actually being utilized by the air
5) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006

Conversion Factors

Pattern	Factor
1-Way	2
2-Way	1.4
2-Way Corner	1.4
3-Way	1.4
4-Way	1