

Performance Data



MCB 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	0.140	CFM	56			70			84			98			112			140		
		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	0.282	CFM	113			141			169			197			225			282		
		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	0.472	CFM	189			236			283			331			378			472		
		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	0.712	CFM	285			356			427			498			569			712		
		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	1.000	CFM	400			500			600			700			800			1000		
		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

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