

Performance Data



855 Series

Size	Eff. Area (ft ²)	Velocity Duct Pt.	300		400			500			600			700			800			900			1000			1200			
			0.007			0.011			0.017			0.024			0.034			0.044			0.055			0.068			0.100		
10x6	0.271	CFM	81			109			136			163			190			217			244			271			326		
		NC	<20			20			25			25			30			35			35			40			40		
		Spread	6			9			11			13			15			17			19			22			26		
		Throw	2	2.5	4	3	3.5	5	4	4.5	6	5	6	8	6	7	9	6	7	11	7	8	12	8	9	13	9	10.5	16
12x6	0.332	CFM	99			133			166			199			232			265			298			332			398		
		NC	<20			20			25			30			35			35			35			40			40		
		Spread	5			7			9			14			16			19			21			23			28		
		Throw	1	2	2	3	3.5	4.5	4	4.5	5.5	5	6	8	6	7	9	6	7.5	10.5	7	8.5	12.5	8	9.5	14.5	9	11	17
14x6	0.392	CFM	118			157			196			235			274			313			353			392			470		
		NC	<20			20			25			30			35			35			35			40			40		
		Spread	7			10			12			14.5			17			19			22			24			29		
		Throw	2	3	4	4	4.5	6	5	5.5	7	5	6	8	6	7	9	7	8.5	12	8	9	13	8	9.5	15	10	11.5	17

Performance Notes:

- 1) Throw value was measured in feet for a terminal velocity 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