

Performance Data

450 Series



Size	Eff. Area (ft ²)	Velocity Duct Pt.	400			500			600			700			800			900			1000			1200			1400		
			0.011			0.017			0.024			0.034			0.044			0.055			0.068			0.100			0.122		
16x16	1.292	CFM	517			646			775			904			1033			1163			1292			1550			1808		
		NC	25			30			30			30			35			35			40			40			45		
		Throw	7	8	10	9	10	12	9	11	15	11	13	17	14	16	21	14	16	24	15	18	27	17	22	32	20	25	37
18x18	1.671	CFM	668			836			1003			1170			1337			1504			1671			2005			2339		
		NC	25			30			30			35			35			40			40			45			<45		
		Throw	8	9	11	10	11.5	14.5	11	13	17	14	16	21	15	17	23	15	18	26	16	20	30	19	24	36	22	28	42
20x20	2.099	CFM	840			1049			1259			1469			1679			1889			2099			2519			2939		
		NC	25			30			35			35			40			40			45			<45			<45		
		Throw	9	11	13	11	13.5	17	14	16	21	15	17	24	16	20	28	17	21	32	20	24	36	23	29	43	25	33	49
24x24	3.101	CFM	1240			1550			1860			2170			2481			2791			3101			3721			4341		
		NC	25			30			35			40			40			45			45			<45			<45		
		Throw	10	11.5	14.5	12	14.5	18	15	17	23	16	20	27	18	22	30	18	22	34	21	26	38	24	30	46	26	34	50

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