

Performance Data



425 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									
14x14	0.788	CFM	236		315			394			473			551			630			709			788			945		
		NC	<20		25		30		30		30		30		30		35		35		35		40		40		40	
		Throw	6	7	8	7	8.5	11	9	11	13	11	12.5	17	12	14.5	20	14	16	22	14	17	25	15	19	30	17	21
16x16	1.034	CFM	310		413			517			620			724			827			930			1034			1240		
		NC	<20		25		30		30		30		30		30		35		35		35		40		40		40	
		Throw	6	7	9	8	9.5	11.5	10	11.5	14.5	12	13.5	18	14	16	22	15	18	24	15	18	28	18	22	32	19	24
18x18	1.313	CFM	394		525			656			788			919			1050			1181			1313			1575		
		NC	20		25		30		30		30		35		35		35		35		35		40		40		40	
		Throw	7	8	10	9	10.5	13	11	13.5	17	14	16	21	15	18	24	16	20	28	18	22	32	19	24	36	20	26
20x20	1.625	CFM	488		650			813			975			1138			1300			1463			1625			1950		
		NC	20		25		30		30		30		35		35		35		35		35		40		40		40	
		Throw	8	9	11	10	12	14.5	14	16	19	14	16	22	16	20	27	18	23	31	19	24	35	21	26	40	22	29
24x24	2.350	CFM	705		940			1175			1410			1645			1880			2115			2350			2820		
		NC	20		25		30		30		30		35		35		35		35		35		40		40		40	
		Throw	9	10.5	12.5	11	13.5	17	15	18	22	16	20	27	20	24	32	21	27	37	22	28	42	23	30	46	24	32

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