

Performance Data

400 Series



Size (In.)	Eff. Area (ft ²)	Velocity Duct Pt	500			700			800			900			1000			1200			1500			2000		
			0.017			0.034			0.044			0.055			0.068			0.100			0.135			0.220		
6x6	0.370	CFM	185			259			296			333			370			445			556			741		
		Throw	3	3.5	4.5	3	4	5	4	4.5	6	4	5	6.5	5	5.5	7.5	5	6	9	6	7.5	11.5	8	10	15
8x8	0.529	CFM	265			370			423			476			529			635			794			1058		
		Throw	3	3.5	4.5	4	4.5	5.5	4	4.5	6	4	5	7	5	6	8.5	5	6.5	9.5	7	8	12	9	11	16
10x10	0.741	CFM	370			519			593			667			741			889			1111			1482		
		Throw	4	5	6	5	6	7.5	5	6	8.5	6	7	9.5	7	8	11	7	8.5	11.5	9	10.5	16	12	14	21
12x12	0.953	CFM	476			667			762			857			953			1143			1429			1905		
		Throw	5	5.5	7	7	8	10	8	9.5	12.5	8	10	13.5	10	11.5	16	10	12	16	12	14	21	16	19	29
14x14	1.057	CFM	529			740			846			952			1057			1269			1586			2115		
		Throw	6	7	8.5	8	9.5	11.5	8	10	13.5	10	11.5	16	11	13	17	12	14	21	16	19	29	18	22	32
16x16	1.241	CFM	621			869			993			1117			1241			1490			1862			2483		
		Throw	7	8	9.5	9	11	13	10	11.5	16	11	13	17	13	15	20	14	17	26	17	21	31	20	26	40
18x18	1.425	CFM	713			998			1140			1283			1425			1710			2138			2850		
		Throw	8	10	12	11	13.5	17	12	14	19	13	16	22	15	18	25	16	21	31	24	30	45	27	34	51
20x20	1.609	CFM	805			1126			1287			1448			1609			1931			2414			3218		
		Throw	9	10.5	13	12	14.5	18	13	16	21	15	18	25	16	20	27	18	23	34	29	37	51	28	36	54
24x24	1.977	CFM	988			1384			1581			1779			1977			2372			2965			3954		
		Throw	11	12.5	16	15	17	21	15	18	25	16	21	28	23	29	39	26	33	50	36	45	67	37	46	69
26x26	2.161	CFM	1080			1512			1729			1945			2161			2593			3241			4321		
		Throw	12	14	18	16	19	23	16	20	26	17	22	30	25	32	42	28	36	52	40	50	70	42	54	76
28x28	2.345	CFM	1172			1641			1876			2110			2345			2814			3517			4689		
		Throw	14	16	20	18	22	25	20	24	29	22	27	35	28	36	46	31	39	56	43	55	75	49	64	88
30x30	2.528	CFM	1264			1770			2023			2276			2528			3034			3793			5057		
		Throw	15	18	22	20	25	30	22	28	32	25	31	39	30	38	49	37	46	64	45	60	80	58	72	96
32x32	2.712	CFM	1356			1899			2170			2441			2712			3255			4069			5425		
		Throw	17	20	24	22	28	33	24	30	36	28	35	44	31	40	51	39	49	67	49	66	87	65	80	106

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