Performance Data

150 Series

Size	Eff. Area (ft^2)	Velocity / Duct Pt.	400 / 0.011			500 / 0.017			600 / 0.024			700 / 0.034			800 / 0.044			900 / 0.055			1000 / 0.068			1200 / 0.100		
6x6	0.126	CFM	51			63			76			88			101			114			126			152		
		NC	<20			<20			<20			20			25			30			30			35		
		Throw	1	2	3	2	2.5	3.5	3	3.5	4.5	4	4.5	6	4	5	7	5	6	8	5	6.5	10	6	7	11
8x8	0.253	CFM	101			126			152			177			202			228			253			303		
		NC	<20			<20			<20			20			25			30			30			35		
		Throw	2.5	3	3.5	3.5	4	4.5	4.5	5	5.5	5	6	7	6	7	8	7	8	9	7	9	11	8	10	12
10x10	0.443	CFM	177			221			266			310			354			398			443			531		
		NC	<20			<20			20			20-25			25			25-30			30			30-35		
		Throw	3	3.5	4.5	3	3.5	5	4	4.5	6	5	6	8	6	7	9	6	7.5	11	7	9	13	8	10	14
12x12	0.663	CFM	265			332			398			464			530			597			663			796		
		NC	<20			20			20-25			25			25-30			30-35			35			35-40		
		Throw	3	4	5	3	4	6	4	5	7	6	7	10	7	8	11	8	9	13	8	10	14	9	11	16
14x14	0.917	CFM	367			459			550			642			734			826			917			1101		
		NC	20			20-25			25			25-30			30			30-35			35-40			40-45		
		Throw	4	5	7	5	6	8	6	7	9	7	8	12	8	10	13	9	11	15	10	12	16	11	13	20
16x16	1.102	CFM	441			551			661			771			882			992			1102			1323		
		NC	20-25			25			25-30			30			30-35			35-40			40			40-45		
		Throw	5	6	8	6	7	9	7	8	10	8	9	13	9	11	14	10	12	17	12	14	18	13	15	22
18x18	1.428	CFM	571			714			857			999			1142			1285			1428			1713		
		NC	25			25-30			30			30-35			35			35-40			40-45			45		
		Throw	6	7	9	7	8	10	8	9	11	9	10	14	10	12	16	12	14	19	14	17	23	16	19	24
20x20	1.679	CFM	672			840			1008			1175			1343			1511			1679			2015		
		NC	25-30			30			30-35			35			35-40			40			40-45			<45		
		Throw	7	8	10	8	9	11	9	10	14	10	12	16	12	14	18	14	16	21	16	19	28	20	24	30

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