

Performance Data



950 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	400 .011	500 .017	600 .024	700 .034	800 .044	1000 .055	1200 .068	1400 .100																
8x4	0.157	CFM	63			79			94			110			126			157			189			220		
		NC	20			25			30			30			30			35			35			40		
		Throw	3	4	6	5	7	9	7	8.5	11.5	9	10	14	10	11	15	12	13.5	20	14	16	24	17	19	29
6x6	0.177	CFM	71			88			106			124			142			177			212			248		
		NC	20			25			30			30			30			35			35			40		
		Throw	3	4.5	7.5	6	8	10	8	9.5	13	9	10.5	14.5	11	12.5	17	13	14	21	15	17	27	19	21	31
10x4	0.199	CFM	80			100			119			139			159			199			239			279		
		NC	20			25			30			30			30			35			35			40		
		Throw	4	5	8	7	9	11	9	10	14	10	11	15	12	13.5	18	14	15	21	15	17	25	20	22	32
12x4	0.241	CFM	96			121			145			169			193			241			289			337		
		NC	20			25			30			30			30			35			35			40		
		Throw	4	5.5	8.5	7	9	11	9	10	14	12	13	17	14	15	20	14	15	22	16	18	26	21	23	35
8x6	0.247	CFM	99			124			148			173			198			247			297			346		
		NC	20			25			30			30			30			35			35			40		
		Throw	5	6	8	8	9	11	9	10	14	12	13	17	14	15	20	14	14.5	22	16	18	26	21	23	35
14x4	0.283	CFM	113			141			170			198			226			283			339			396		
		NC	20			25			30			30			30			35			35			40		
		Throw	5	6.5	8	9	10	12	10	11	15	13	13.5	18	15	16	21	14	15	23	17	19	29	22	25	37
10x6	0.313	CFM	125			156			188			219			250			313			376			438		
		NC	20			25			30			30			30			35			35			40		
		Throw	6	7	9	10	11	13	12	13	17	13	14.5	20	16	17	23	18	20	30	21	24	36	25	28	42
8x8	0.337	CFM	135			169			202			236			270			337			404			472		
		NC	20			25			30			30			30			35			35			40		
		Throw	6	7.5	9	10	11	13.5	13	14	18	14	16	21	16	18	24	19	21	31	22	25	37	26	29	43
12x6	0.379	CFM	151			189			227			265			303			379			454			530		
		NC	20			25			30			30			30			35			35			40		
		Throw	7	8	10	11	11.5	14.5	13	14	18	14	16	21	16	17	24	20	22	32	23	26	38	27	30	46
10x8 20x4	0.408	CFM	163			204			245			286			327			408			490			572		
		NC	20			25			30			30			30			35			35			40		
		Throw	8	9	11	12	13	16	14	15	19	15	17	22	17	19	26	21	23	34	24	27	40	28	31	48
14x6	0.444	CFM	178			222			267			311			356			444			533			622		
		NC	20			25			30			30			30			35			35			40		
		Throw	8	9	11	12	13.5	17	15	16	20	15	17	23	18	20	27	22	24	35	25	28	41	29	32	49
24x4 16x6	0.510	CFM	204			255			306			357			408			510			612			714		
		NC	20			25			30			35			35			35			35			40		
		Throw	9	10	12	12	13.5	17	15	16	21	15	17	24	18	20	28	22	24	36	26	29	42	30	33	50

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12x8	0.516	CFM	207			258			310			362			413			516			620			723		
		NC	20			25			30			35			35			35			35			40		
		Throw	10	11	13	13	15	19	15	16	21	15	17	24	18	20	28	22	24	36	27	30	44	31	34	52
10x10	0.541	CFM	216			270			324			378			432			541			649			757		
		NC	20			25			30			35			35			35			35			40		
		Throw	11	12	14	14	16	20	15	16	22	15	17	24	18	20	28	22	24	36	27	30	44	32	36	54
14x8	0.606	CFM	242			303			364			424			485			606			727			849		
		NC	20			25			30			35			35			35			40			40		
		Throw	12	13	15	14	16	20	16	17	23	17	19	26	20	22	31	23	26	39	28	32	47	34	38	56
14x10 18x8	0.785	CFM	314			393			471			550			628			785			943			1100		
		NC	20			25			30			35			35			40			40			45		
		Throw	13	14	18	15	17	21	18	20	26	20	22	31	23	26	36	27	31	46	31	35	53	35	40	58
12x12	0.792	CFM	317			396			475			554			633			792			950			1109		
		NC	20			25			30			35			35			40			40			45		
		Throw	14	15	18	15	17	21	18	20	27	20	22	31	23	26	36	27	31	47	32	36	54	36	41	60
20x8	0.875	CFM	350			438			525			613			700			875			1050			1225		
		NC	20			25			30			35			35			40			40			45		
		Throw	15	16	19	16	18	22	18	20	28	21	23	32	24	27	37	28	32	48	33	37	55	37	42	62
14x14	1.091	CFM	436			546			655			764			873			1091			1309			1527		
		NC	20			25			30			35			35			40			40			45		
		Throw	17	19	20	17	19	23	19	21	29	22	24	34	25	29	39	30	34	50	34	39	57	38	44	64

Performance Notes:

- 1) Performance data calculated with blades set at 0°
- 2) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- 3) Throw data is based on supply air and room air both at isothermal conditions
- 4) Effective core areas listed in chart are defined as the measurement of space between the blades actually utilized by the air
- 5) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006