

Performance Data



950 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	400		500		600		700		800		1000		1200		1400							
			.011		.017		.024		.034		.044		.055		.068		.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
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
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
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
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
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
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
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
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
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
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
24x4 16x6	0.510	CFM	204		255		306		357		408		510		612		714							
		NC	20		25		30		35		35		35		40		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

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950 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	400		500			600			700			800			1000			1200			1400		
			.011	.017	.024	.034	.044	.055	.068	.100															
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
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
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
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
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
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
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

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