

951 Series



Duct Size	Core Eff. Area (ft²)	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	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				
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				

Performance Data

951 Series



Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM)	400	500	600	700	800	1000	1200	1400
		Velocity Pressure	.011	.017	.024	.034	.044	.055	.068	.100
		CFM	436	546	655	764	873	1091	1309	1527
		NC	20	25	30	35	35	40	40	45
14x14	1.091	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