

Performance Data



934-SS Series

Size	Eff. Area (ft ²)	Velocity Duct Pt.	300		400			500			600			700			800			1000			1200			1400		
			0.004		0.008		0.013			0.018			0.025			0.033			0.051			0.074			0.100			
8x6 12x4	0.24	CFM	79		100			126			152			179			205			252			305			357		
		NC	<20		<20			<20			20			25			30			35			40			45		
		Throw (ft.)	5.5	6	6.5	7	8	9	9	10	11	10	12	14	12	14	16	13.5	16	18	16	20	24	18	23	28	22	27
10x6 16x4	0.31	CFM	100		131			163			200			231			263			331			394			462		
		NC	<20		<20			<20			20			25			30			35			40			45		
		Throw (ft.)	6.5	7	7.5	8	9	10	11	12	13	12	14	16	14.5	17	20	16	19	22	19	24	29	22	28	34	26	33
12x6 18x4	0.38	CFM	121		158			200			242			278			320			399			478			557		
		NC	<20		<20			<20			20			25			30			35			40			45-50		
		Throw (ft.)	7	8	9	10	11	12	11.5	13	14.5	13.5	16	18	16	19	22	18	21	24	22	27	32	26	32	38	30	37
10x8 14x6	0.45	CFM	142		189			236			284			331			378			473			567			662		
		NC	<20		<20			<20			20			25			30			35			40			45-50		
		Throw (ft.)	8	9	10	11	12	13	13.5	15	17	15.5	18	21	17	20	23	20	23	27	23	29	35	28	35	42	33	41
12x8 24x4	0.54	CFM	168		226			284			341			394			452			567			677			793		
		NC	<20		<20			<20			20			25			30			35			40			45-50		
		Throw (ft.)	9	10	11	11.5	13	14.5	14.5	16	18	17	20	23	20	23	27	22	26	30	26	32	38	31	39	47	36	45
10x10 18x6	0.56	CFM	179		236			294			352			410			473			588			704			824		
		NC	<20		<20			<20			20			25			30			35			40			45-50		
		Throw (ft.)	8	9	10	10	11	12	12.5	14	15.5	14.5	17	20	17	20	23	20	23	27	22	28	34	27	34	41	31	39
12x12 14x10	0.81	CFM	252		336			425			509			593			677			845			1013			1187		
		NC	<20		<20			<20			20			25			30			35-40			40-50			50>		
		Throw (ft.)	9	10	11	11.5	13	14.5	15.5	17	19	17	20	23	20	23	27	22	26	30	26	33	40	32	40	48	37	46
14x12 20x8	0.89	CFM	278		373			467			557			651			746			935			1118			1302		
		NC	<20		<20			<20			20			25			30			35-40			40-50			50>		
		Throw (ft.)	10	11	12	12.5	14	15.5	17	18	20	18	21	24	21	25	28	24	28	32	29	36	43	34	43	52	40	50
14x14 20x10	1.12	CFM	352		473			588			704			824			940			1176			1412			1649		
		NC	<20		<20			20			25			30			30-35			35-40			40-45			50>		
		Throw (ft.)	11.5	13	14.5	16	18	20	20	22	24	22	26	30	26	31	36	30	35	40	35	44	53	42	52	62	49	61
18x12 26x8	1.17	CFM	368		494			614			735			861			982			1229			1475			1722		
		NC	<20		<20			20			25			30			30-35			35-40			40-45			50>		
		Throw (ft.)	11.5	13	14.5	16	18	20	20	22	24	23	27	31	26	31	36	31	36	41	35	44	53	42	53	64	50	62
24x12 28x10	1.65	CFM	520		693			866			1040			1213			1386			1733			2079			2429		
		NC	<20		<20			20			25			30			30-35			35-40			40-45			50>		
		Throw (ft.)	14.5	16	18	19	21	23	23	26	29	27	32	37	32	37	43	36	42	48	42	53	64	50	63	76	59	74
18x18 32x10	1.89	CFM	593		793			992			1192			1391			1586			1985			2384			2777		
		NC	<20		<20			20			25			30			30-35			35-40			40-45			50>		
		Throw (ft.)	14.5	16	18	20	22	24	24	27	30	28	33	38	32	38	44	37	44	51	44	55	66	53	66	79	62	77
30x12 26x14	2.10	CFM	662		882			1103			1323			1544			1764			2205			2646			3087		
		NC	<20		<20			20			25			30			30-35			35-40			45-50			50>		
		Throw (ft.)	16	19	20	22	24	26	26	29	32	30	35	40	35	41	47	40	47	54	47	59	71	57	71	85	66	82
36x12 32x14	2.49	CFM	782		1045			1307			1570			1832			2090			2615			3140			3659		
		NC	<20		<20			20			25			30			30-35			35-40			45-50			50>		
		Throw (ft.)	17	19	21	23	26	29	29	32	35	33	39	45	38	45	52	44	52	60	52	65	78	62	78	94	73	91

Performance Notes:

1 Performance data calculated with blades set at 0°
 2 Throw values are measured in feet for terminal velocities of 100/75/50 FPM

3 Throw data is based on supply air and room air both at isothermal conditions

4 Effective areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air