

Performance Data



934-SS Series

Size	Velocity Duct Pt.	300			400			500			600			700			800			1000			1200			1400		
		0.006			0.010			0.016			0.022			0.031			0.040			0.062			0.090			0.122		
8x6	CFM	78			104			130			156			182			208			260			312			364		
	NC	<20			<20			11			17			21			25			32			38			42		
	Throw (ft.)	5	9	16	8	12	19	10	15	21	12	16	23	14	18	25	15	19	27	17	21	30	19	23	32	20	25	35
10x6	CFM	102			136			170			204			238			272			340			408			476		
	NC	<20			<20			12			18			23			27			33			39			43		
	Throw (ft.)	6	10	19	9	13	21	11	17	24	13	19	26	16	20	28	18	21	30	20	24	34	21	26	37	23	28	40
12x6	CFM	123			164			205			246			287			328			410			492			574		
	NC	<20			<20			13			19			23			27			34			39			44		
	Throw (ft.)	7	11	20	10	15	24	12	18	26	15	20	29	17	22	31	19	24	33	21	26	37	24	29	41	25	31	44
14x6	CFM	144			192			240			288			336			384			480			576			672		
	NC	<20			<20			14			19			24			28			35			40			45		
	Throw (ft.)	7	12	22	11	16	25	13	20	28	16	22	31	18	24	34	21	25	36	23	28	40	25	31	44	28	34	48
12x8 16x6	CFM	171			228			285			342			399			456			570			684			798		
	NC	<20			<20			15			20			25			29			35			41			45		
	Throw (ft.)	8	13	24	11	17	28	14	22	31	17	24	34	20	26	37	23	28	39	25	31	44	28	34	48	30	37	52
10x10	CFM	177			236			295			354			413			472			590			708			826		
	NC	<20			<20			15			20			25			29			35			41			46		
	Throw (ft.)	8	13	24	12	18	28	15	22	32	18	24	35	20	26	37	23	28	40	26	32	45	28	35	49	31	37	53
12x12 18x8 24x6	CFM	264			352			440			528			616			704			880			1056			1232		
	NC	<20			<20			16			22			26			30			37			43			47		
	Throw (ft.)	10	16	30	14	21	34	18	27	39	21	30	42	25	32	46	28	34	49	31	39	55	34	42	60	37	46	65
30x6 18x10	CFM	333			444			555			666			777			888			1110			1332			1554		
	NC	<20			11			17			23			27			31			38			44			48		
	Throw (ft.)	11	18	34	16	24	39	20	30	43	24	34	47	28	36	51	32	39	55	35	43	61	39	47	67	42	51	72
14x14	CFM	366			488			610			732			854			976			1220			1464			1708		
	NC	<20			11			18			23			28			32			39			44			49		
	Throw (ft.)	12	19	35	17	25	41	21	31	45	25	35	50	29	38	54	33	41	57	37	45	64	41	50	70	44	54	76
18x12 36x6 27x8	CFM	405			540			675			810			945			1080			1350			1620			1890		
	NC	<20			12			18			24			28			32			39			44			49		
	Throw (ft.)	12	20	37	18	26	43	22	33	48	26	37	52	31	40	57	35	43	60	39	48	68	43	52	74	46	57	80
24x12 48x6 36x8 18x16	CFM	546			728			910			1092			1274			1456			1820			2184			2548		
	NC	<20			13			19			25			30			34			40			46			50		
	Throw (ft.)	14	23	43	20	31	50	26	38	55	31	43	61	36	46	66	41	50	70	45	55	78	50	61	86	54	66	93
18x18	CFM	621			828			1035			1242			1449			1656			2070			2484			2898		
	NC	<20			13			20			25			30			34			41			46			51		
	Throw (ft.)	15	25	46	22	33	53	27	41	59	33	46	65	38	49	70	43	53	75	48	59	84	53	65	92	57	70	99
30x12 36x10	CFM	687			916			1145			1374			1603			1832			2290			2748			3206		
	NC	<20			14			21			26			31			35			41			47			51		
	Throw (ft.)	17	27	50	24	36	58	30	45	64	36	50	71	42	54	76	47	58	82	53	64	91	58	71	100	62	76	108
36x12 24x18	CFM	825			1100			1375			1650			1925			2200			2750			3300			3850		
	NC	<20			15			21			27			31			35			42			47			52		
	Throw (ft.)	18	28	53	25	38	61	31	47	68	38	53	75	44	57	81	50	61	86	56	68	96	61	75	106	66	81	114

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