

Performance Data



931-SS Series

Size	Velocity Duct Pt.	300 0.006	400 0.010	500 0.016	600 0.022	700 0.031	800 0.040	1000 0.062	1200 0.090	1400 0.122
8x6	CFM	78	104	130	156	182	208	260	312	364
	NC	<20	<20	<20	20	25	30	35	40	45
	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	46
	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
18x6	CFM	189	252	315	378	441	504	630	756	882
	NC	<20	<20	15	20	25	29	36	41	46
	Throw (ft.)	8 14 25	12 18 29	15 23 33	18 25 36	21 27 39	24 29 41	27 33 46	29 36 51	32 39 55
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 27x8 36x6	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 18x16 36x8 48x6	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	20	26	30	34	41	47	51
	Throw (ft.)	16 26 48	23 34 56	29 43 62	34 48 68	40 52 74	45 56 79	51 62 88	56 68 96	60 74 104
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