

Performance Data



CSW Industrial Companies

150-0 Series

Size	Eff. Area (ft ²)	Velocity	400	500	600	700	800	900	1000	1200
		Duct Pt.	0.011	0.017	0.024	0.034	0.044	0.055	0.068	0.100
6x6	0.110	CFM	44	55	66	77	88	99	110	132
		NC	<20	<20	<20	20	25	30	30	35
		Throw	1 2 3	2 2.5 3.5	3 3.5 4.5	4 4.5 6	4 5 7	5 6 8	5 6.5 10	6 7 11
8x8	0.222	CFM	89	111	133	155	178	200	222	266
		NC	<20	<20	<20	20	25	30	30	35
		Throw	2.5 3 3.5	3.5 4 4.5	4.5 5 5.5	5 6 7	6 7 8	7 8 9	7 9 11	8 10 12
10x10	0.394	CFM	158	197	236	276	315	355	394	473
		NC	<20	<20	20	20-25	25	25-30	30	30-35
		Throw	3 3.5 4.5	3 3.5 5	4 4.5 6	5 6 8	6 7 9	6 7.5 11	7 9 13	8 10 14
12x12	0.597	CFM	239	299	358	418	478	537	597	716
		NC	<20	20	20-25	25	25-30	30-35	35	35-40
		Throw	3 4 5	3 4 6	4 5 7	6 7 10	7 8 11	8 9 13	8 10 14	9 11 16
14x14	0.835	CFM	334	418	501	585	668	752	835	1002
		NC	20	20-25	25	25-30	30	30-35	35-40	40-45
		Throw	4 5 7	5 6 8	6 7 9	7 8 12	8 10 13	9 11 15	10 12 16	11 13 20
16x16	1.014	CFM	406	507	608	710	811	913	1014	1217
		NC	20-25	25	25-30	30	30-35	35-40	40	40-45
		Throw	5 6 8	6 7 9	7 8 10	8 9 13	9 11 14	10 12 17	12 14 18	13 15 22
18x18	1.328	CFM	531	664	797	930	1062	1195	1328	1594
		NC	25	25-30	30	30-35	35	35-40	40-45	45
		Throw	6 7 9	7 8 10	8 9 11	9 10 14	10 12 16	12 14 19	14 17 23	16 19 24
20x20	1.578	CFM	631	789	947	1105	1262	1420	1578	1894
		NC	25-30	30	30-35	35	35-40	40	40-45	<45
		Throw	7 8 10	8 9 11	9 10 14	10 12 16	12 14 18	14 16 21	16 19 28	20 24 30

Performance Notes:

- 1) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- 2) Throw data is based on supply air and room air both at isothermal conditions
- 3) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 4) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006