

Performance Data



CSW Industrial Companies

350 Series

Size	Eff. Area (ft ²)	Velocity Duct Pt.	300 0.007			400 0.011			500 0.017			600 0.024			700 0.034			800 0.044			900 0.055			1000 0.068		
4x6	0.107	CFM	32			43			54			64			75			86			97			107		
		NC	<20			20			25			25			30			30			35			35		
		Spread	3			3.5			4.5			5.5			6			7			8			9		
		Throw	1	2	3.5	2	2.5	4.5	2	3	5.5	3	3.5	7	3	4	7.5	4	4.5	9	4	5	10.5	5	5.5	11.5
4x8	0.147	CFM	44			59			73			88			103			118			132			147		
		NC	<20			20			25			25			30			35			35			40		
		Spread	3			4			5			6			7			8			9			10		
		Throw	2	3	4	3	4	6	4	5	8	4	5.5	9	5	6.5	10	6	7.5	11	6	7.5	12	7	8.5	16
4x10	0.186	CFM	56			75			93			112			131			149			168			186		
		NC	<20			20			25			25			30			35			35			40		
		Spread	3			4			5			6			7			8			10			11		
		Throw	3	3.5	5	4	5	6	5	6.5	9	6	7	10	7	8.5	12	8	9.5	13	8	10	15	9	11	18
4x12	0.226	CFM	68			90			113			136			158			181			203			226		
		NC	<20			20			25			25			30			35			35			40		
		Spread	3.5			5			6			7			8			9			10			12		
		Throw	4	4.5	5.5	5	5.5	7	6	7	9.5	7	7.5	10.5	8	9.5	12.5	9	11	15.5	10	11.5	17.5	11	12.5	19
4x14	0.265	CFM	80			106			133			159			186			212			239			265		
		NC	<20			20			25			25			30			35			35			40		
		Spread	4			5			6			7			9			10			11			12		
		Throw	4	4.5	6.5	5	6	8	6	7	9	7	8.5	12	8	10	13.5	9	11.5	16	10	12.5	18	11	13.5	20
8x8	0.290	CFM	87			116			145			174			203			232			261			290		
		NC	<20			20			25			30			35			40			40			40		
		Spread	6			8			9			11			13			15			16			18		
		Throw	4	5	6	5	6.5	7.5	7	8	10	8	9	12.5	9	10.5	14.5	10	12.5	16.5	10	12.5	19	12	14.5	21
8x10	0.368	CFM	110			147			184			221			257			294			331			368		
		NC	<20			20			25			30			35			40			40			45		
		Spread	7			9			10			12			15			17			18			20		
		Throw	5	5.5	7	6	7	9	8	8.5	11	8	9.5	14	10	12	16	12	14	19	12	14.5	21	13	16	24
8x12	0.446	CFM	134			178			223			267			312			356			401			446		
		NC	<20			20			25			30			35			40			40			45		
		Spread	8			10			11			14			17			19			20			23		
		Throw	5	6	7	6	7.5	9.5	8	9.5	12	9	10.5	15	11	13	18	13	15.5	21	13	16	23	15	18	26
8x14	0.523	CFM	157			209			262			314			366			419			471			523		
		NC	<20			20			25			30			35			40			40			45		
		Spread	9			12			13			16			19			22			23			26		
		Throw	5	6.5	8	7	8	10	9	10	13	9	11	16	12	14	19	14	16.5	22	14	17	25	16	19	28

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