Performance Data

350 Series

Size	Eff. Area (ft^2)	Velocity	300			400			500			600			700			800			900			1000		
		Duct Pt.	0.007			0.011			0.017			0.024			0.034			0.044			0.055			0.068		
2x10	0.099	CFM	30			40			50			60			70			79			89			99		
		NC	<20			20			25			25			30			30			35			35		
		Spread	2.5			3			4			5			5.5			6			7			8		
		Throw	1	1.5	3	1	2	4	2	3	5	2	3	6	2	3.5	7	3	4	8	4	4.5	9	4	5	10
2x12	0.120	CFM	36			48			60			72			84			96			108			120		
		NC	<20			20			25			25			30			30			35			35		
		Spread	3			3.5			4.5			5.5			6			7			8			9		
		Throw	2	2	3.5	2	2.5	4.5	2	3	5.5	3	3.5	7	3	4	7.5	3	4.5	9	4	5	10.5	5	5.5	11.5
2x14	0.141	CFM	42			57			71			85			99			113			127			141		
		NC	<20			20			25			25			30			30			35			35		
		Spread	3			4			5			5.5			6.5			7.5			8			9		
		Throw	2	2	4	2	2.5	5	2	3	7	3	4	8	4	4.5	9	4	5	10	5	6	12	6	6.5	13
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
6x6	0.170	CFM	51			68			85			102			119			136			153			170		
		NC	<20			20			25			25			30			35			35			40		
		Spread	4			5			5			8			8			10			11			13		
		Throw	2	3	4	4	4.5	6	5	5.5	7	6	6.5	10	6	7	10	7	8	11	7	8	13	9	10.5	16
6x8	0.233	CFM	70			93			117			140			163			187			210			233		
		NC	<20			20			25			30			35			35			40			40		
		Spread	4.5			6			7			9			10			12			13			15		
		Throw	2	3.5	4.5	5	5.5	6.5	6	6.5	7.5	6	7.5	10.5	7	8.5	11.5	8	10	14	9	11.5	17	10	12	18
6x10	0.296	CFM	89			118			148			178			207			237			266			296		
		NC	<20			20			25			30			35			40			40			40		
		Spread	5			7			9			10.5			12			14			15			17		
		Throw	4	4.5	6	5	6.5	8	7	7.5	10	7	8.5	12	8	10	14	9	11.5	16	10	12	18	11	13.5	20
6x12	0.359	CFM	108			143			179			215			251			287			323			359		
		NC	<20			20			25			30			35			40			40			45		
		Spread	6			8			9			11			13			15			17			19		
		Throw	4	5	6	5	6.5	7.5	7	8	10	8	9.5	12.5	9	11	15	11	13	17	11	13	20	13	15	22
6x14	0.421	CFM	126			168			211			253			295			337			379			421		
		NC	<20			20			25			30			35			40			40			45		
		Spread	6			8			11			13			15			17			18			21		
		Throw	5	5.5	7	6	7	9	8	9	11	9	10	14	10	12.5	17	12	14.5	20	13	15	22	14	17	25
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

Performance Data

350 Series

Size	Eff. Area (ft^2)	Velocity	300			400			500			600			700			800			900			1000		
		Duct Pt.	0.007			0.011			0.017			0.024			0.034			0.044			0.055			0.068		
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