Performance Data

TS 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		
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
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	4.5	4	5	6	5	6.5	8.5	6	7	9.5	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	6	4	5.5	7	6	7	10	6	7.5	11	8	9.5	13	9	11	16	10	11.5	18	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	9	10	13.5	10	11.5	16	11	12.5	18	12	13.5	20

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