

Performance Data



TD Series

Size	Eff. Area (ft ²)	Velocity Duct Pt.	300	400	500	600	700	800	900	1000
			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
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 12 18	11 13 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 12 16	11 13 18	12 14 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