

Performance Data



FTD Series

		FPM	300	400	500	600	700	800	1000	1200
		VP	0.006	0.01	0.016	0.022	0.031	0.04	0.062	0.075
6"	.195ft/sq	CFM	60	80	100	115	135	155	195	235
		SP	0.008	0.016	0.024	0.032	0.049	0.057	0.089	0.130
		TP	0.014	0.026	0.040	0.054	0.080	0.097	0.151	0.205
		NC	-	-	-	-	20	23	29	32
		Throw	1 2 5	2 2 6	2 3 8	2 4 10	3 6 11	4 6 13	5 9 15	6 11 17
		8"	.35ft/sq	FPM	300	400	500	600	700	800
CFM	105	135		170	205	240	275	345	420	
SP	0.01	0.02		0.03	0.04	0.06	0.07	0.11	0.16	
TP	0.016	0.03		0.046	0.062	0.091	0.11	0.172	0.235	
NC	-	-		-	20	26	31	39	42	
Throw	1 2 6	2 3 8		2 4 10	3 5 12	4 7 14	5 8 16	6 11 18	7 14 21	
10"	.542ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	155	210	260	310	365	415	520	625
		SP	0.02	0.035	0.05	0.07	0.095	0.12	0.16	0.215
		TP	0.026	0.045	0.066	0.092	0.126	0.16	0.222	0.29
		NC	-	-	20	25	30	34	40	43
		Throw	3 5 10	4 6 13	5 8 16	6 10 18	8 12 19	9 13 21	11 16 24	13 20 27
12"	.77ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	230	310	385	465	540	620	775	925
		SP	0.03	0.05	0.07	0.1	0.13	0.17	0.21	0.27
		TP	0.036	0.06	0.086	0.122	0.161	0.21	0.272	0.345
		NC	-	-	25	31	35	38	42	45
		Throw	4 7 14	6 9 18	8 11 21	9 14 23	11 16 24	12 18 26	15 21 29	18 25 33
14"	1.06ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	320	425	530	635	740	850	1060	1270
		SP	0.035	0.060	0.085	0.120	0.155	0.200	0.240	0.305
		TP	0.041	0.07	0.10	0.14	0.19	0.24	0.30	0.38
		NC	-	-	25	31	35	38	42	46
		Throw	5 9 17	8 11 20	10 14 23	11 17 25	13 18 26	15 20 28	18 23 31	21 27 36

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 the 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