

Performance Data



FTD Series

Neck Size	Core Eff. Area (ft ²)	Neck Velocity (FPM)	400		500			600			700			800			900			1000			1200			1400			1600		
			Total Pressure	0.020		0.035		0.044		0.061		0.078		0.095		0.119		0.175		0.201		0.256									
6"	0.195	CFM	78		98			117			137			156			176			195			234			273			312		
		NC	<20		<20			<20			<20			20			20-25			25			30-35			35			40		
		Throw (ft.)	1	2	4	1	2.5	4.5	2	3	5	2	4	6	3	5	7	3	5	9	4	6	10	5	7	11	6	8	12	7	8
8"	0.347	CFM	139		173			208			243			277			312			347			416			485			555		
		NC	<20		<20			<20			20			20			25			30-35			35-40			40			45		
		Throw (ft.)	2	4	6	2	5	7	3	5	9	3	6	10	4	7	12	5	8	13	6	9	14	7	10	15	9	11	16	10	13
10"	0.542	CFM	217		271			325			379			433			488			542			650			758			867		
		NC	<20		<20			20			25			30			30-35			35			40			40-45			45-50		
		Throw (ft.)	2	4	8	4	5	10	4	6	12	4	7	13	6	8	14	7	9	15	8	10	16	9	12	18	10	13	19	11	15
12"	0.780	CFM	312		390			468			546			624			702			780			936			1092			1248		
		NC	<20		<20			20-25			25-30			30-35			35			35-40			40-45			45			45		
		Throw (ft.)	3	5	11	5	7	14	5	8	15	5	9	16	7	11	18	8	12	18	10	14	20	11	15	21	12	16	23	13	18
14"	1.062	CFM	425		531			637			743			849			956			1062			1274			1486			1699		
		NC	<20		25			30			30-35			35-40			40			40-45			45-50			45			50		
		Throw (ft.)	4	7	13	6	8	16	6	10	17	7	12	20	8	14	21	10	16	22	12	17	23	13	18	25	14	19	27	16	21

Performance Notes:

- For square neck multiply CFM x 1.21
- Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- Throw data is based on supply air and room air both at isothermal conditions
- Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006