

Performance Data



116T Series

Neck Size	Core Eff. Area (ft ²)	Neck Velocity (FPM)		300			400			500			600			700			800			900			1000			1200		
		Velocity	Pressure	0.007			0.011			0.017			0.024			0.032			0.044			0.056			0.067			0.095		
6"	0.175	CFM	53			70			88			105			123			140			158			175			210			
		NC	<20			<20			<20			20			20			25			25			25			30			
		Throw (ft.)	2	2	3	2	2	4	2	3	5	3	4	5	4	5	8	4	5	7	5	6	9	6	7	10	7	9	11	
8"	0.311	CFM	93			124			156			187			218			249			280			311			373			
		NC	<20			<20			<20			20			20			25			25			30			30			
		Throw (ft.)	2	3	5	3	4	6	3	4	7	4	5	9	5	6	10	5	7	11	6	8	12	8	9	13	9	10	14	
10"	0.486	CFM	146			194			243			292			340			389			438			486			583			
		NC	<20			<20			<20			20			20-25			25			25-30			30			30			
		Throw (ft.)	3	3	6	3	4	8	4	5	9	5	6	10	6	8	12	6	8	13	7	9	14	9	10	16	10	11	17	
12"	0.700	CFM	210			280			350			420			490			560			630			700			840			
		NC	<20			<20			20			20			20-25			25			30			30-35			35			
		Throw (ft.)	3	4	8	4	5	9	5	7	11	6	8	14	7	9	15	8	10	16	9	11	17	10	12	18	11	13	19	

Performance Notes:

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