Performance Data

780 Series

Neck Size	Core Eff. Area (ft^2)	Neck Velocity (FPM) / Total Pressure	400 / 0.038			500 / 0.062			600 / 0.090			700 / 0.122			800 / 0.168			1000 / 0.235		
6"	0.195	CFM	78			98			117			137			156			195		
		NC	<20			<20			<20			<20			<20			20		
		Throw (ft.)	2	3	6	3	4	8	4	5	9	5	6	10	5	7	12	7	10	15
7"	0.265	CFM	106			133			159			186			212			265		
		NC	20			<25			25			<30			30			<35		
		Throw (ft.)	2	4	6.5	3	4.5	8	4	5.5	9.5	5	7	11	5	7	12.5	7	11	16
8"	0.347	CFM	139			173			208			243			277			347		
		NC	<20			<20			<20			<20			<20			20		
		Throw (ft.)	3	5	7	4	5	9	5	6	10	6	8	12	6	8	13	8	12	16
9"	0.439	CFM	176			219			263			307			351			439		
		NC	20			25			<30			30			<35			35-40		
		Throw (ft.)	3	5	6.5	4	6	9.5	5	7	11	6	8	13	7	9	14	9	12	17
10"	0.542	CFM	217			271			325			379			433			542		
		NC	<20			<20			<20			<20			<20			25		
		Throw (ft.)	4	6	8	5	7	10	6	8	12	7	10	16	8	10	16	10	14	18
12"	0.780	CFM	312			390			468			546			624			780		
		NC	<20			<20			<20			<20			20			25		
		Throw (ft.)	5	7	14	7	9	15	8	10	17	9	11	19	11	13	20	12	15	23
14"	1.062	CFM	425			531			637			743			849			1062		
		NC	<20			<20			<20			<20			20			25-30		
		Throw (ft.)	6	9	15	9	12	18	10	13	20	11	14	22	13	16	24	14	18	28
16"	1.387	CFM	555			693			832			971			1109			1387		
		NC	<20			<20			<20			20			25			25-30		
		Throw (ft.)	8	11	17	11	14	20	12	14	23	13	16	26	15	19	28	17	22	32

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) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006