

Performance Data



110 Series

Neck Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	300 0.007	400 0.011	500 0.017	600 0.024	700 0.032	800 0.044	900 0.056	1000 0.067	1200 0.095
6"	0.188	CFM	56	75	94	113	131	150	169	188	225
		NC	<20	<20	<20	<20	<20	<20	20	20	20
		Throw (ft.)	1 2 4	2 3 6	3 4 8	4 5 9	5 6 10	5 7 12	6 7 13	7 10 15	8 9 16
8"	0.333	CFM	100	133	167	200	233	267	300	333	400
		NC	<20	<20	<20	<20	<20	<20	20	20	25
		Throw (ft.)	2 3 5	3 4 7	4 5 9	5 6 10	6 7 12	6 7 13	7 8 15	8 12 16	9 10 18
10"	0.521	CFM	156	208	260	313	365	417	469	521	625
		NC	<20	<20	<20	<20	<20	<20	20	25	25
		Throw (ft.)	3 3 7	4 5 8	5 6 10	6 7 12	7 9 14	8 10 16	9 11 17	10 14 18	10 12 20
12"	0.750	CFM	225	300	375	450	525	600	675	750	900
		NC	<20	<20	<20	<20	<20	<20	20	25	30
		Throw (ft.)	4 6 11	5 7 14	7 9 15	8 10 17	9 11 19	11 13 20	12 15 22	12 15 23	14 17 25
14"	1.021	CFM	306	408	510	613	715	817	919	1021	1225
		NC	<20	<20	<20	<20	<20	20	25	25-30	30
		Throw (ft.)	4 6 13	6 9 15	9 12 18	10 13 20	11 14 22	13 16 24	14 17 27	14 18 28	16 20 30
16"	1.333	CFM	400	533	667	800	933	1067	1200	1333	1600
		NC	<20	<20	<20	<20	<20	20	25	25-30	30-35
		Throw (ft.)	5 7 15	8 11 17	11 14 20	12 14 23	13 16 26	15 19 28	16 20 30	17 22 32	18 24 34

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