

# Performance Data



## 90 Series

Size	Eff. Area (ft <sup>2</sup> )	Velocity Duct Pt.	300	400	500	600	700	800	900	1000
			0.007	0.011	0.017	0.024	0.034	0.044	0.055	0.068
6"	0.157	CFM	47	63	79	94	110	126	141	157
		NC	<20	20	25	25	30	30	30	35
		Throw	1   1   2	1   2   2.5	1   2   4	2   3   5	3   4   6	4   5   7	4   6   8	5   7   9
8"	0.279	CFM	84	112	140	167	195	223	251	279
		NC	<20	20	25	25	30	30	30	35
		Throw	1   2   3	2   2.5   3.5	2   3   5	3   4   6	4   5   7	4   5.5   9	6   7   11	7   9   13
10"	0.436	CFM	131	174	218	262	305	349	393	436
		NC	<20	20	25	30	30	30	35	35
		Throw	2   2.5   3.5	2   3   4	3   3.5   5.5	4   4.5   6.5	4   5.5   7.5	5   6   10	6   8   12	8   10   14
12"	0.628	CFM	188	251	314	377	440	502	565	628
		NC	<20	20	25	30	30	35	35	35
		Throw	2   3   4	3   3.5   4.5	3   4   6	4   5   7	5   6   8	6   7   11	7   9   13	9   11   15
14"	0.855	CFM	256	342	427	513	598	684	769	855
		NC	<20	20	25	30	30	35	35	40
		Throw	3   3.5   5	4   4.5   6	4   5.5   7.5	5   6.5   8.5	6   7   9	7   8   12	8   10   14	10   12   16

### 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) Effective core areas listed in 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