

Performance Data



700 DVD-4S Series

Size	Eff. Area (ft ²)	Velocity	400	500	600	700	800	1000
		Duct Pt.	0.038	0.108	0.155	0.22	0.285	0.438
6x6-6	0.122	CFM	49	61	73	85	98	122
		NC	<20	<20	20	20	25	25
		Throw (ft.)	4 6 8	5 7 9	6 8 10	7 9 11	8 10 14	8 11 15
8x8-8	0.230	CFM	92	115	138	161	184	230
		NC	<20	<20	20	20	25	25
		Throw (ft.)	5 7 9	6 8 10	7 9 11	8 10 13	9 11.5 16	10 13 17
10x10-10	0.371	CFM	149	186	223	260	297	371
		NC	<20	<20	20	20-25	25	25-30
		Throw (ft.)	6 8 10	7 9 13	8 10 14	10 12 16	11 13 17	12 15 19
12x12-12	0.547	CFM	219	273	328	383	437	547
		NC	<20	<20	20	20-25	25	25-30
		Throw (ft.)	7 9 11	8 10 12	9 11 15	11 13 17	12 14 18	13 16 21
14x14-14	0.756	CFM	302	378	453	529	605	756
		NC	<20	20	25	25-30	30	30-35
		Throw (ft.)	8 10 12	10 11.5 14.5	10 12.5 17	12 14 18	13 15 20	14 17 23
16x16-16	0.999	CFM	400	499	599	699	799	999
		NC	<20	20	25	25-30	30	30-35
		Throw (ft.)	9 11.5 14.5	11 13.5 17	12 16 20	13 17 23	14 18 24	15 19 27
18x18-18	1.275	CFM	510	638	765	893	1020	1275
		NC	<20	20	25	25-30	30	30-35
		Throw (ft.)	11 13 16	12 15 19	14 17 20	15 18 24	16 20 27	16 21 30

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