Performance Data

SDD Series (2-way air pattern)

Size	Eff. Area (ft^2)	Velocity	300			400			500			600			700			800			900			1000			1200		
		Duct Pt.	0.007			0.011			0.017			0.024			0.034			0.044			0.055			0.068			0.1		
6x6	0.148	CFM	44			59			74			89			103			118			133			148			177		
		NC	<20			<20			<20			<20			<20			<20			<20			25			30		
		Throw	1	2	2	2	2.5	3.5	3	3.5	4.5	4	4.5	5.5	4	5	7	5	5.5	7.5	5	5.5	8.5	6	6.5	9.5	7	8	12
8x8	0.278	CFM	83			111			139			167			195			222			250			278			334		
		NC	<20			<20			<20			<20			<20			<20			<20			25			30		
		Throw	2	2.5	3.5	3	3.5	4.5	4	4.5	5.5	4	5	7	5	6	8	6	7	9	6	7	11	7	8.5	13	9	10.5	16
10x10	0.449	CFM	135			180			225			270			315			359			404			449			539		
		NC	<20			<20			<20			<20			<20			25			25			30			35		
		Throw	3	3.5	4.5	4	4.5	5.5	5	5.5	6.5	5	6	8	6	7	9	6	7.5	11	7	8	12	8	10	14	10	12	18
12x12	0.661	CFM	198			265			331			397			463			529			595			661			794		
		NC	<20			<20			<20			<20			<20			25			25			30			35		
		Throw	4	4.5	5.5	5	5.5	6.5	6	6.5	7.5	6	7	9	7	8.5	12	8	10	13	9	10.5	16	10	12	18	12	14.5	22
14x14	0.915	CFM	274			366			457			549			640			732			823			915			1097		
		NC	<20			<20			<20			<20			<20			25			25			30			35		
		Throw	4	4.5	5.5	6	6.5	7.5	7	8	10	8	9.5	13	9	11	15	10	12	17	11	13	19	12	14.5	22	13	16	24
16x16	1.208	CFM	363			483			604			725			846			967			1088			1208			1450		
		NC	<20			<20			20-25			25			25-30			30-35			35			35-40			>40		
		Throw	10	11.5	15	11	12.5	16	12	14.5	18	13	15.5	21	15	18	24	16	20	28	17	22	32	19	25	37	22	30	46

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