



# SpotDiffuser Performance Data

Model: **PK-A/PK-AD**

SIZE	Approx. Nozzle Velocity		500				1000				1500				2000				2500				3000				3500				4000			
	Terminal Velocity, Vt		50	100	200	400	50	100	200	400	50	100	200	400	50	100	200	400	50	100	200	400	50	100	200	400	50	100	200	400	50	100	200	400
3	Nozzle Area 0.012 sq.ft	CFM	5				10				15				20				25				35				40				45			
		SP (in.,wg)	0.01				0.03				0.09				0.19				0.31				0.75				0.82				1.1			
		NC	-				-				-				<20				<20				21				23				25			
		Throw (ft.)	7	5	2	-	12	7	3	-	18	9	6	2	25	12	7	3	31	15	8	4	50	25	12	6	55	27	13	7	60	30	15	8
4	Nozzle Area 0.021 sq.ft	CFM	10				20				30				40				50				60				70				80			
		SP (in.,wg)	0.01				0.05				0.14				0.25				0.39				0.56				0.8				1.05			
		NC	-				-				<20				<20				21				24				28				32			
		Throw (ft.)	9	6	3	-	18	10	5	-	27	14	7	3	36	18	9	5	44	23	12	6	53	28	14	7	65	32	16	8	75	37	18	9

DASHED LINE IN NC BOX INDICATES NOISE LEVEL IS LESS THAN 20.  
 NC LEVEL IS BASED ON 10dB ROOM ATTENUATION(PWL RE:10-12 WATTS) WITH ONE DIFFUSER OPERATING.

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