



Model 900
Round Ceiling Diffuser

CFM	Outlet Size	6"	8"	10"	12"	14"
50	Neck Velocity	265				
	Ps	.008				
	Throw	3 5				
75	Neck Velocity	398	222			
	Ps	.017	.006			
	Throw	3 6	4 6			
100	Neck Velocity	531	296			
	Ps	.034	.011			
	Throw	4 6	4 6			
150	Neck Velocity	796	443	265		
	Ps	.075	.023	.009		
	Throw	5 7	5 7	5 8		
200	Neck Velocity	1062	591	353	260	
	Ps	.130	.040	.017	.009	
	Throw	6 8	5 8	5 9	6 9	
250	Neck Velocity		739	442	325	238
	Ps		.060	.025	.013	.008
	Throw		5 8	5 10	7 11	6 9
300	Neck Velocity		887	530	390	286
	Ps		.085	.035	.018	.010
	Throw		5 9	6 12	7 12	7 11
400	Neck Velocity		1183	706	520	381
	Ps		.145	.060	.031	.018
	Throw		7 11	7 13	8 13	8 13
500	Neck Velocity			883	650	467
	Ps			.090	.046	.027
	Throw			7 14	9 14	9 14
600	Neck Velocity			1060	780	571
	Ps			.130	.064	.037
	Throw			8 15	11 15	11 15
700	Neck Velocity				910	667
	Ps				.086	.049
	Throw				12 17	12 17
800	Neck Velocity				1040	762
	Ps				.110	.062
	Throw				13 19	13 19
900	Neck Velocity				1170	857
	Ps				.140	.078
	Throw				15 21	15 21
1000	Neck Velocity					952
	Ps					.094
	Throw					18 23

Throws First Value 100 fpm - Second Value 50 fpm

Notes:

Neck Velocity - The neck velocity is in feet per minute

Ps - Static pressure readings are in inches water gauge.

Throw - Throw indicated are based on total number of feet of projected air when a terminal velocity of 50 feet per minute is reached. Values reflect side louver throw and center louver throw respectively. Throw should extend at least 75% of the distance from the face of the grille to the wall opposite the outlet. Throws are based on a 9 foot ceiling height. The first values of the throw at 0° deflection; second value represents throw at 22° deflection.

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page