



**Model 9000**  
Mod Core Ceiling Diffuser

Size Area Ak	Inlet velocity	200	300	400	500	600	700
	Ps						
6x6 .25 .112	CFM	50	75	100	125	150	175
	Throw	6-4-4-3	8-6-6-4	10-7-7-5	12-8-8-6	14-10-10-7	16-11-11-8
	NC	<20	<20	<20	20	26	31
8x8 .44 .196	CFM	90	130	175	220	265	310
	Throw	8-6-6-4	10-7-7-5	14-10-10-7	16-11-11-8	18-13-13-9	20-14-14-10
	NC	<20	<20	<20	23	28	33
10x10 .69 .312	CFM	140	205	275	345	415	485
	Throw	10-7-7-5	14-10-10-7	18-13-13-9	20-14-14-10	24-17-17-12	26-18-18-13
	NC	<20	<20	<20	23	26	31
12x12 1.00 .444	CFM	200	300	400	500	600	700
	Throw	12-8-8-6	16-11-11-8	20-14-14-10	24-17-17-12	28-20-20-14	30-21-21-15
	NC	<20	<20	<20	25	31	36
14x14 1.36 .604	CFM	270	405	545	680	815	950
	Throw	14-10-10-7	20-14-14-10	24-17-17-12	28-20-20-14	34-24-24-17	36-25-25-18
	NC	<20	<20	21	27	33	38
16x16 1.78 .792	CFM	355	530	710	885	1070	1245
	Throw	16-11-11-8	22-16-16-11	28-20-20-14	32-22-22-16	38-27-27-19	40-28-28-20
	NC	<20	<20	21	28	33	38
18x18 2.25 .996	CFM	450	670	900	1120	1345	1570
	Throw	18-13-13-9	24-17-17-12	30-21-21-15	36-25-25-18	42-30-30-21	46-32-32-23
	NC	<20	<20	22	29	34	39
20x20 2.78 1.236	CFM	555	830	1110	1390	1670	1945
	Throw	20-14-14-10	26-18-18-13	32-22-22-16	40-28-28-20	46-32-32-23	48-34-34-24
	NC	<20	<20	23	30	35	40
22x22 3.36 1.492	CFM	670	1010	1345	1680	2015	2350
	Throw	22-16-16-11	30-21-21-15	36-25-25-18	44-31-31-22	50-35-35-25	54-38-38-27
	NC	<20	<20	23	31	36	41
24x24 4.00 1.776	CFM	800	1200	1600	2000	2400	2800
	Throw	24-17-17-12	32-22-22-16	40-28-25-20	48-34-34-24	56-39-39-28	60-42-42-30
	NC	<20	<20	26	32	38	42

Throws Example: 25-20-18-15 ( 1 Way - 2 Way - 3 Way - 4 Way )

**Notes**

All Units have been tested in accordance with ANSI/ ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in. wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm

Inlet Velocity = fpm (Feet Per Minute)

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