

MODEL 7500-6
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 Perforated Face With 4 Deflectors

Neck Size	Inlet Velocity	300	400	500	600	700	800	1000	
6"	CFM	60	80	100	115	135	155	195	
	Ps	.006	.012	.018	.022	.031	.043	.069	
	NC	<	<	>	<	20	24	31	
	Throw	4-W	3	4	4	5	6	7	8
		3-W	3	4	5	6	6	8	8
		2-W	4	5	5	6	7	9	9
		1-W	5	5	6	7	8	9	10
8"	CFM	105	140	175	210	246	28	350	
	Ps	.011	.021	.032	.047	.064	.084	.133	
	NC	<	<	<	21	26	30	36	
	Throw	4-W	3	5	5	6	8	10	11
		3-W	3	5	5	6	8	11	12
		2-W	4	6	6	7	9	12	13
		1-W	5	6	7	8	10	13	14
10"	CFM	165	220	270	325	380	435	545	
	Ps	.014	.025	.037	.054	.075	.098	.156	
	NC	<	<	22	28	33	37	43	
	Throw	4-W	4	5	6	7	8	10	12
		3-W	4	6	7	8	9	12	13
		2-W	5	6	8	8	10	14	15
		1-W	6	7	9	10	11	14	16
12"	CFM	235	315	390	470	550	630	785	
	Ps	.026	.049	.074	.108	.149	.196	.305	
	NC	<	<	25	29	35	40	46	
	Throw	4-W	4	8	8	10	11	12	14
		3-W	5	8	9	11	13	14	15
		2-W	6	9	11	12	13	15	16
		1-W	8	9	12	13	14	16	18
14"	CFM	320	425	535	640	750	855	1070	
	Ps	.033	.058	.092	.133	.182	.237	.373	
	NC	<	23	29	34	39	44	50	
	Throw	4-W	6	8	11	13	14	15	17
		3-W	7	9	12	14	16	17	18
		2-W	8	10	13	15	17	18	19
		1-W	9	11	14	16	18	19	20

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