



MODEL 7600-6

Model 7600-6 Perforated Face With Curved Blade Deflectors

Neck Size	Inlet Velocity	300	400	500	600	700	800	1000	1200	
6"	CFM	60	80	100	120	135	155	195	235	
	Ps	.009	.016	.025	.038	.044	.059	.095	0.139	
	NC	<	<	<15	19	23	26	30	35	
	Throw	4-W	5	6	6	7	7	8	9	10
		3-W	5	6	7	7	8	9	10	10
		2-W	5	7	8	8	9	10	11	12
		1-W	9	11	12	13	14	15	17	18
8"	CFM	105	140	175	210	245	280	350	420	
	Ps	.010	.018	.028	.041	.055	.072	.113	.162	
	NC	<	<	<15	19	24	27	31	37	
	Throw	4-W	6	7	8	9	10	10	12	13
		3-W	7	8	9	10	11	11	13	14
		2-W	7	9	10	11	12	13	14	16
		1-W	12	14	16	17	19	20	22	24
10"	CFM	165	220	275	325	380	435	545	655	
	Ps	.011	.020	.031	.044	.059	.078	.124	.178	
	NC	<	<	<15	20	25	29	34	39	
	Throw	4-W	8	9	10	11	12	13	15	16
		3-W	8	10	11	12	13	14	16	18
		2-W	9	11	13	14	15	16	18	20
		1-W	15	18	20	21	23	25	28	30
12"	CFM	235	315	395	470	550	630	785	940	
	Ps	.012	.023	.036	.052	.070	.093	.144	.205	
	NC	<	<15	15	22	27	31	36	42	
	Throw	4-W	9	11	12	13	15	16	17	19
		3-W	10	12	14	15	16	17	19	21
		2-W	11	14	15	17	18	19	21	23
		1-W	18	21	24	26	28	30	33	36
14"	CFM	320	430	535	640	750	855	1070	1285	
	Ps	.011	.021	.032	.046	.063	.082	.129	.186	
	NC	<	<15	16	24	29	33	38	44	
	Throw	4-W	12	15	16	18	19	21	23	25
		3-W	13	16	18	20	21	23	26	28
		2-W	14	18	20	22	24	26	29	31
		1-W	24	28	31	34	37	40	44	49

Notes

All Units have been tested in accordance with ANSI/ ASHR AE 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