

**USAIRE**MODEL **7300-6****Model 7300-6**

Perforated Face With Target Disc

Neck Size	Inlet Velocity	200	300	400	500	600	700	800	900	1000
6"	CFM	40	60	80	100	115	135	155	175	196
	Ps	.002	.003	.006	.011	.013	.019	.026	.028	.043
	Throw	1	1	4	4	5	6	7	8	10
	NC	<	<	<	<	22	26	30	35	38
8"	CFM	70	105	140	175	210	245	280	315	350
	Ps	.004	.007	.016	.021	.032	.043	.056	.071	.088
	Throw	2	3	5	5	6	8	10	11	12
	NC	<	<	<	20	23	26	30	34	38
10"	CFM	110	160	215	270	325	380	435	490	545
	Ps	.006	.012	.023	.036	.053	.081	.95	.121	.160
	Throw	3	4	5	6	7	8	10	12	14
	NC	<	<	20	23	26	29	34	38	41
12"	CFM	155	235	315	390	470	550	630	705	785
	Ps	.007	.015	.029	.043	.064	.088	.115	.144	.178
	Throw	4	5	7	9	11	13	14	18	21
	NC	<	20	24	27	30	34	38	42	45
14"	CFM	210	320	425	535	640	750	855	960	1070
	Ps	.008	.016	.029	.047	.069	.094	.122	.160	.191
	Throw	6	9	11	13	16	18	23	27	32
	NC	<	20	24	28	32	36	40	45	48
15"	CFM	245	370	490	610	735	860	980	1105	1225
	Ps	.013	.028	.050	.077	.113	.155	.200	.255	.313
	Throw	9	11	13	16	18	23	27	32	33
	NC	<	23	28	33	38	43	48	53	55

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