

Neck Velocity		250	350	450	550	650	750	850	1000	1200
6" Diameter	CFM	50	70	90	110	130	145	165	195	235
	Ps	.004	.009	.014	.021	.029	.036	.046	.065	.094
	NC	<20	<20	<20	<20	<20	23	27	31	35
Ak .430	444 Throw	3.0	3.5	4.5	6.0	7.5	8.0	9.0	11.0	12.0
Ak .430	443 Throw*	3.0/4.0	3.5/5.0	4.5/6.5	6.0/8.0	7.5/10.0	8.0/11.0	9.0/13.0	11.0/15.0	12.0/17.0
Ak .430	442 Throw	4.0	5.0	6.5	8.0	10.0	11.0	13.0	15.0	17.0
8" Diameter	CFM	85	120	155	190	225	260	295	350	420
	Ps	.006	.012	.019	.029	.040	.054	.070	.098	.140
	NC	<20	<20	<20	<20	21	26	31	34	37
Ak .530	444 Throw	4.0	5.0	6.5	8.0	9.5	11.0	13.0	15.0	17.0
Ak .530	443 Throw*	4.0/5.5	5.0/7.0	6.5/9.0	8.0/11.0	9.5/14.0	11.0/16.0	13.0/19.0	15.0/21.0	17.0/23.0
Ak .530	442 Throw	5.5	7.0	9.0	11.0	14.0	16.0	19.0	21.0	23.0
10" Diameter	CFM	135	190	245	300	355	410	465	545	655
	Ps	.009	.017	.028	.043	.069	.078	.102	.140	.205
	NC	<20	<20	<20	22	29	35	38	42	46
Ak .620	444 Throw	4.0	6.0	8.0	10.0	12.0	13.0	15.0	18.0	19.0
Ak .620	443 Throw*	4.0/6.0	6.0/8.0	8.0/11.0	10.0/14.0	12.0/17.0	13.0/19.0	15.0/21.0	18.0/25.0	19.0/26.0
Ak .620	442 Throw	6.0	8.0	11.0	14.0	17.0	19.0	21.0	25.0	26.0
12" Diameter	CFM	190	245	355	450	530	590	670	785	940
	Ps	.012	.024	.040	.059	.082	.110	.142	.195	.275
	NC	<20	<20	22	28	35	39	44	47	52
Ak .700	444 Throw	5.0	7.5	10.0	11.5	14.0	16.0	18.0	19.0	20.0
Ak .700	443 Throw*	5.0/8.5	7.5/11.0	10.0/14.0	11.5/17.0	14.0/19.0	16.0/23.0	18.0/25.0	19.0/26.0	20.0/27.0
Ak .700	442 Throw	8.5	11.0	14.0	17.0	19.0	23.0	25.0	26.0	27.0
14" Diameter	CFM	285	375	480	590	695	800	910	1070	1285
	Ps	.015	.031	.050	.075	.105	.137	.177	.245	.350
	NC	<20	21	27	31	36	40	45	48	53
Ak .750	444 Throw	6.0	9.0	11.0	14.0	17.0	19.0	20.0	22.0	24.0
Ak .750	443 Throw*	6.0/8.5	9.0/13.0	11.0/16.0	14.0/20.0	17.0/24.0	19.0/26.0	20.0/27.0	22.0/28.0	24.0/29.0
Ak .750	442 Throw	8.5	13.0	16.0	20.0	24.0	26.0	27.0	28.0	29.0

Note: The use of a balancing hood is recommended to balance the system.

NC is based on 10dB room attenuation (Re: 10^{-12} watts) ASHRAE 36-72.

Terminal Velocity of 75 FPM