1600 Adjustable Round Diffuser

Neck Velocity		400	500	600	700	800	900	1000	1200	1400
6" Ak .160	CFM	80	100	120	140	160	180	200	235	275
	Ps	<.010	<.010	<.010	<.010	0.014	0.02	0.02	0.03	0.03
	Throw	2.00	2.00	2.0	3.0	3.0	4.0	4.0	5.0	6.0
8" Ak .280	CFM	140	175	210	245	280	315	350	420	490
	Ps	<.010	<.010	<.010	<.010	0.01	0.02	0.02	0.03	0.04
	Throw	3.5	3.0	3.0	4.0	4.0	5.0	5.0	7.0	8.0
10" Ak .440	CFM	218	273	327	382	436	491	545	654	763
	Ps	<.010	<.010	<.010	0.01	0.01	0.02	0.02	0.03	0.04
	Throw	3.0	3.0	4.0	5.0	5.0	6.0	7.0	8.0	10.0
12" Ak .660	CFM	315	390	470	550	630	705	785	940	1100
	Ps	<.010	<.010	<.010	0.01	0.01	0.02	0.02	0.03	0.04
	Throw	3.0	4.0	5.0	6.0	7.0	7.0	8.0	10.0	11.0
14" Ak .910	CFM	425	530	635	745	850	955	1060	1270	1490
	Ps	<.010	<.010	<.010	0.01	0.01	0.02	0.02	0.03	0.04
	Throw	4.0	5.0	6.0	7.0	8.0	8.0	9.0	11.0	13.0
16" Ak 1.200	CFM	560	700	840	980	1120	1260	1400	1680	1960
	Ps	<.010	<.010	<.010	0.01	0.01	0.02	0.02	0.03	0.04
	Throw	4.0	5.0	7.0	8.0	9.0	10.0	11.0	13.0	15.0
18" Ak 1.500	CFM	710	885	1060	1240	1420	1590	1770	2120	2480
	Ps	<.010	<.010	<.010	0.01	0.01	0.02	0.02	0.03	0.04
	Throw	5.0	6.0	7.0	9.0	10.0	11.0	12.0	15.0	17.0

NOTE: The use of a balancing hood is recommended to balance the system.
Ak = Effective Area in square feet
Ps = Static Pressure Loss in inches of water
NC = Noise Criteria, based on a 10dB room attenuation (Re: 10^{-12} watts) ASHRAE 36-72.
Terminal Velocity of 100 fpm
Product tested with core in "out" position.
When diffusers are used on an exposed duct, multiply throw by 0.7