



Model ASD Performance Data

3/4" SLOT WIDTH WITH PVC PATTERN CONTROL

48" UNIT WITH PLENUM ATTACHED

Duct Diam.	Ak	1 SLOT												Static Pressure (Ps)
7"	.104	.04	.07	.10	.13	.16	.21	.26	.30	.34	.40	.47	CFM	
		80	100	120	140	160	180	200	220	240	260	280	CFM	
		4' 3"	5' 3"	5' 3"	6' 3"	6' 3"	7' 3"	8' 3"	8' 3"	8' 3"	9' 3"	9' 3"	Throw	Drop *
		7' 3"	8' 6"	9' 6"	10' 6"	12' 9"	14' 9"	15' 9"	15' 10"	16' 12"	16' 12"	17' 12"	Throw	Drop **
		<20	<20	<20	20	22	26	30	31	33	35	38	NC	
2 SLOT														
9"	.188	.04	.07	.09	.13	.17	.22	.26	.32	.37	.42	.48	Ps	
		160	200	240	280	320	360	400	440	480	520	560	CFM	
		8' 3"	9' 3"	9' 3"	10' 3"	11' 3"	11' 3"	12' 3"	13' 6"	15' 6"	15' 6"	16' 6"	Throw	Drop *
		14' 6"	15' 6"	16' 6"	17' 9"	19' 9"	19' 9"	20' 9"	21' 9"	22' 9"	22' 9"	23' 12"	Throw	Drop **
		<20	<20	20	24	28	30	33	35	38	40	42	NC	
3 SLOT														
10"	.273	.04	.07	.09	.12	.15	.20	.24	.30	.34	.40	.46	Ps	
		240	300	360	420	480	540	600	660	720	780	840	CFM	
		7' 3"	10' 6"	14' 9"	14' 6"	13' 6"	15' 6"	19' 6"	>25	>25	>25	>25	Throw	Drop *
		20' 9"	22' 4"	25' 9"	25' 9"	25' 9"	>25	>25	>25	>25	>25	>25	Throw	Drop **
		<20	<20	21	25	29	34	36	38	40	42	45	NC	
4 SLOT														
12"	.364	.03	.05	.07	.10	.13	.18	.22	.28	.32	.37	.42	Ps	
		320	400	480	560	640	720	800	880	960	1040	1120	CFM	
		10' 3"	12' 6"	15' 6"	17' 6"	19' 3"	19' 3"	19' 3"	>25	>25	>25	>25	Throw	Drop *
		19' 12"	22' 12"	25' 15"	>25	>25	>25	>25	>25	>25	>25	>25	Throw	Drop **
		<20	<20	22	26	30	34	37	39	41	43	46	NC	

60" UNIT WITH PLENUM ATTACHED

Duct Diam.	Ak	1 SLOT												Static Pressure (Ps)
7"	.156	.04	.07	.10	.13	.16	.21	.26	.30	.34	.40	.47	CFM	
		100	125	150	175	200	225	250	275	300	325	350	CFM	
		4' 3"	4' 3"	5' 3"	5' 3"	6' 3"	7' 3"	8' 3"	8' 3"	8' 3"	8' 3"	9' 3"	Throw	Drop *
		7' 3"	8' 3"	9' 6"	10' 6"	12' 9"	13' 6"	15' 9"	15' 9"	16' 12"	16' 12"	17' 12"	Throw	Drop **
		<20	<20	<20	21	23	27	31	32	34	36	39	NC	
2 SLOT														
10"	.282	.04	.07	.09	.13	.17	.22	.26	.32	.37	.42	.48	Ps	
		200	250	300	350	400	450	500	550	600	650	700	CFM	
		8' 3"	8' 3"	9' 3"	10' 3"	11' 3"	12' 3"	13' 3"	15' 3"	17' 6"	17' 6"	18' 6"	Throw	Drop *
		14' 6"	15' 6"	16' 6"	17' 6"	19' 9"	20' 9"	22' 9"	23' 9"	24' 9"	>25	>25	Throw	Drop **
		<20	<20	21	25	29	31	34	36	39	41	43	NC	
3 SLOT														
10"	.41	.04	.07	.09	.12	.15	.20	.24	.30	.34	.40	.46	Ps	
		300	375	450	525	600	675	750	825	900	975	1050	CFM	
		8' 3"	12' 6"	16' 9"	15' 6"	15' 6"	18' 6"	21' 6"	>25	>25	>25	>25	Throw	Drop *
		22' 9"	23' 9"	25' 9"	>25	>25	>25	>25	>25	>25	>25	>25	Throw	Drop **
		<20	20	23	27	31	36	38	40	42	44	47	NC	
4 SLOT														
12"	.546	.03	.05	.07	.10	.13	.18	.22	.28	.32	.37	.42	Ps	
		400	500	600	700	800	900	1000	1100	1200	1300	1400	CFM	
		12' 3"	15' 6"	17' 6"	19' 3"	21' 3"	21' 3"	21' 3"	>25	>25	>25	>25	Throw	Drop *
		20' 12"	22' 13"	25' 15"	>25	>25	>25	>25	>25	>25	>25	>25	Throw	Drop **
		<20	<20	24	28	32	36	39	41	43	45	48	NC	

*Vt 150 FPM
**Vt 50 FPM