

Model ASD Performance Data



3/4" SLOT WIDTH WITH PVC PATTERN CONTROL

24" UNIT WITH PLENUM ATTACHED

Duct Diam.	Ak	1 SLOT												Static Pressure (Ps)	
6"	.052	.04	.07	.10	.13	.16	.21	.26	.30	.34	.40	.47	CFM		
		40	50	60	70	80	90	100	110	120	130	140	CFM		
		4' 3"	4' 3"	4' 3"	5' 3"	5' 3"	6' 3"	7' 3"	7' 3"	7' 3"	8' 3"	8' 3"	Throw	Drop	
		6' 3"	7' 3"	8' 3"	9' 6"	11' 9"	13' 9"	13' 9"	13' 10"	14' 12"	14' 12"	15' 12"	Throw	Drop	
		<20	<20	<20	<20	20	24	28	29	31	33	36	NC		
2 SLOT															
7"	.094	.04	.07	.09	.13	.17	.22	.26	.32	.37	.42	.48	Ps		
		80	100	120	140	160	180	200	220	240	260	280	CFM		
		7' 3"	8' 3"	8' 3"	9' 3"	10' 3"	10' 3"	11' 3"	11' 6"	13' 6"	13' 6"	14' 6"	Throw	Drop	
		13' 6"	13' 6"	14' 6"	15' 9"	17' 9"	17' 9"	18' 9"	19' 9"	20' 9"	20' 9"	21' 12"	Throw	Drop	
		<20	<20	<20	22	26	28	31	33	36	38	40	NC		
3 SLOT															
8"	.137	.04	.07	.09	.12	.15	.20	.24	.30	.34	.40	.46	Ps		
		120	150	180	210	240	270	300	330	350	370	400	CFM		
		6' 3"	9' 6"	13' 9"	13' 6"	12' 6"	13' 6"	17' 6"	21' 6"	>25	>25	>25	Throw	Drop	
		18' 9"	20' 9"	22' 9"	22' 9"	>25	>25	>25	>25	>25	>25	>25	Throw	Drop	
		<20	<20	<20	23	27	32	34	36	38	40	43	NC		
4 SLOT															
9"	.182	.03	.05	.07	.10	.13	.18	.22	.28	.32	.37	.42	Ps		
		160	200	240	280	320	360	400	440	480	520	560	CFM		
		9' 3"	11' 6"	13' 6"	15' 6"	17' 3"	17' 3"	17' 3"	20' 6"	>25	>25	>25	Throw	Drop	
		17' 12"	20' 12"	22' 15"	25' 15"	>25	>25	>25	>25	>25	>25	>25	Throw	Drop	
		<20	<20	20	24	28	32	35	37	39	41	44	NC		

36" UNIT WITH PLENUM ATTACHED

Duct Diam.	Ak	1 SLOT												Static Pressure (Ps)	
7"	.078	.04	.07	.10	.13	.16	.21	.26	.30	.34	.40	.47	CFM		
		60	75	90	105	120	135	150	165	180	195	210	CFM		
		4' 3"	4' 3"	4' 3"	5' 3"	5' 3"	6' 3"	7' 3"	7' 3"	7' 3"	8' 3"	8' 3"	Throw	Drop	
		6' 3"	7' 3"	8' 3"	9' 6"	11' 9"	13' 9"	13' 9"	13' 10"	14' 12"	14' 12"	15' 12"	Throw	Drop	
		<20	<20	<20	<20	20	24	28	29	31	33	36	NC		
2 SLOT															
8"	.141	.04	.07	.09	.13	.17	.22	.26	.32	.37	.42	.48	Ps		
		120	150	180	210	240	270	300	330	360	390	420	CFM		
		7' 3"	8' 3"	8' 3"	9' 3"	10' 3"	10' 3"	11' 3"	11' 6"	13' 6"	13' 6"	14' 6"	Throw	Drop	
		13' 6"	13' 6"	14' 6"	15' 9"	17' 9"	17' 9"	18' 9"	19' 9"	20' 9"	20' 9"	21' 9"	Throw	Drop	
		<20	<20	<20	22	26	28	31	33	36	38	40	NC		
3 SLOT															
9"	.206	.04	.07	.09	.12	.15	.20	.24	.30	.34	.40	.46	Ps		
		180	225	270	315	360	405	450	495	540	585	630	CFM		
		6' 3"	9' 6"	13' 9"	13' 6"	12' 6"	13' 6"	17' 6"	21' 6"	>25	>25	>25	Throw	Drop	
		18' 9"	20' 9"	22' 9"	22' 9"	>25	>25	>25	>25	>25	>25	>25	Throw	Drop	
		<20	<20	<20	23	27	32	34	36	38	40	43	NC		
4 SLOT															
10"	.273	.03	.05	.07	.10	.13	.18	.22	.28	.32	.37	.42	Ps		
		240	300	360	420	480	540	600	660	720	780	840	CFM		
		9' 3"	11' 6"	15' 6"	15' 6"	17' 3"	17' 3"	17' 3"	20' 6"	>25	>25	>25	Throw	Drop	
		17' 12"	20' 12"	22' 15"	25' 15"	>25	>25	>25	>25	>25	>25	>25	Throw	Drop	
		<20	<20	20	24	28	32	35	37	39	41	44	NC		

*Vt 150 FPM
**Vt 50 FPM