



Arizona Vortex Tube Manufacturing Co.

51235 N. 296th Ave

Wickenburg, AZ 85390

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928-684-5752 (F)

Arizona Vortex Air Curtain Performance

Distance from target	Pressure (PSIG)								
	20	30	40	50	60	70	80	90	100
6"	3.2	5.4	7.4	10.4	13.4	17	20.2	23.1	26.6
12"	2.7	5.2	7.3	9.7	11.9	14.5	18.8	21.4	24.8
18"	2.6	4.8	6.9	9.2	11.3	14.4	17.6	20.7	23.1

Blow Off Force in Ounces of Thrust

Velocity Ft/Min from Object

Distance From Target	Pressure (PSIG)				
	20	40	60	80	100
6"	3,000	6,000	8,500	12,200	17,000
12"	2,200	4,000	6,800	10,000	14,200
24"	1,400	3,300	5,200	8,000	11,000
36"	1,000	1,900	3,000	5,000	8,200

Air Usage

		Air Pressure psi				
		20	40	60	80	100
Air Usage per inch						
CFM		2.2	3	3.5	4.1	5.4
LPM		62	85	99	116	153