



Custom Vent Solutions

Rev. 1 Date: May 29, 2019

Aria Vent: Drywall Pro 6"X10" Air Flow Specifications

Model	Face Velocity (fpm)		500	800	1100	1400	1700	2000	2300	2600	2900	3200
	Terminal Velocity (fpm)		50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150	50, 100, 150
Drywall Pro 6"X10"	Area Factor (Ak) 0.062	CFM	30	47	65	83	100	118	136	153	171	189
		SP (in., wg)	0.016	0.040	0.076	0.124	0.183	0.253	0.334	0.427	0.531	0.647
		Throw (Ft.)	<2, <2, <2	11, 6, 4	19, 12, 8	23, 17, 11	26, 20, 14	29, 23, 16	32, 26, 18	35, 28, 20	38, 30, 22	41, 32, 23

Note:

1. Performance Data is Based on ASHRAE 70-06
2. CFM: Standard air density and isothermal conditions.
3. Static Pressure (SP): Inches of water gauge.
4. Face Velocity: Face discharge velocity in feet per minute (fpm).
5. Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face.
6. Throw: Projection distance in feet from the diffuser discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].
7. Dashed line [-] in SP Box indicates Static Pressure is less than 0.01 in w.g.

Test Method:

The diffuser was tested in accordance with the ASHRAE 70-2006 Standard "Method of Testing for Rating the Performance of Air Outlets and Inlets", which incorporates ADC 1062: GRD-84 Test