

Aria Vent: Drywall Lite 4"X10" Frame & Bead Models Air Flow Specifications

Model	Neck Velocity (fpm)		800	1000	1200	1400	1600	1800	2000	2200	2400	2600
	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 Lite 4"X10" Frame & Bead	Area Factor (Ak) 0.051	CFM	41	51	61	71	82	92	102	112	122	133
		SP (in., wg)	0.039	0.061	0.088	0.12	0.157	0.199	0.245	0.297	0.353	0.415
		Throw (Ft.)	15,5,2	19,9,5	22,12,7	24,15,9	26,18,10	28,20,12	30,22,13	32,24,14	33,25,15	35,27,16

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 Code for