

Aria Vent: 4"X14" OG & Flushmount Pro 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
Aria OG & Flushmount Pro 4"X14"	Area Factor (Ak) 0.051	CFM	60	75	90	105	120	135	150	165	180	195
		SP (in., wg)	0.038	0.06	0.086	0.118	0.154	0.194	0.240	0.29	0.346	0.406
		Throw (Ft.)	14,5,3	18,9,6	21,12,8	23,15,9	25,17,11	27,20,12	29,21,14	30,23,15	31,25,16	33,26,17

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