ELITE VENT

Airflow Specifications for 24x2 Ceiling Register

Outlet Area (in²)	Flow [CFM]	20			30			40			50			60			70			80		
16.40	Terminal Velocity [FPM]	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150
	Core Velocity [FPM]	204			308			413			518			623			728			833		
	Static Pressure [IWC]	0.018			0.04			0.07			0.11			0.16			0.215			0.28		
	Throw [FT]	1.5	2.5	6	2.6	4.25	11	3.7	6.5	16	5	8.5	21.5	6.25	11	26.5	7.5	13	31	9	16	33.5

Note:

1. The test procedures are based on ASHRAE 70.
2. CFM: Standard air density and isothermal conditions.
3. Static Pressure (SP): Inches of water gauge (IWC).
4. Core Velocity: Average discharge velocity in feet per minute (FPM).
5. Throw: Projection distance in feet from the diffuser discharge at which the centerline velocity has decreased to the specified Terminal Velocity [Vt].
6. Terminal Velocity [Vt]: Residual velocity, in feet per minute, used to define each Throw distance.
7. Outlet Area: Net discharge opening area of the 24″ × 2″ Ceiling Type supply register.