ELITE VENT

Airflow Specifications for 24x4 Floor Register

Outlet Area (in²)	Flow [CFM]	20			40			50			60			70			80			90			100			110			120		
	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
16.275	Static Pressure [IWC]	0.02			0.08			0.11			0.15			0.21			0.28			0.35			0.43			0.52			0.62		
	Throw [FT]	0.5	1	4	2	4	10	3	5.5	12	4	7	14	5	8	15.5	6	9.5	16	7	11	17.5	8	12	18	9	13	19	10	14	19.5

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. Throw: Projection distance in feet from the diffuser discharge at which the centerline velocity has decreased to the specified Terminal Velocity [Vt].
5. Terminal Velocity [Vt]: Residual velocity, in feet per minute, used to define each Throw distance.
6. Outlet Area: Net discharge opening area of the 21.7″ × 0.75″ Floor Type supply register.