



Model V

Single Deflection Sidewall Supply

CFM	Outlet Size	8x4	10x6	12x6	14x6	12x8	14x8
50	Neck Velocity	225					
	Ps	.006					
	Throw	11 18					
100	Neck Velocity	450	240	200			
	Ps	.025	.007	.005			
	Throw	18 13	14 11	13 10			
150	Neck Velocity	675	360	300	257	225	
	Ps	.056	.016	.011	.008	.006	
	Throw	23 18	19 14	18 13	17 13	16 12	
200	Neck Velocity	900	480	400	343	300	257
	Ps	.100	.028	.020	.015	.011	.008
	Throw	28 21	23 17	22 16	20 15	20 15	19 14
250	Neck Velocity		600	500	429	375	321
	Ps		.045	.031	.023	.017	.013
	Throw		27 20	25 19	24 18	24 18	22 16
300	Neck Velocity		720	600	514	450	386
	Ps		.064	.045	.033	.025	.018
	Throw		30 23	28 21	27 20	26 19	24 18
350	Neck Velocity		840	700	600	525	450
	Ps		.087	.061	.045	.034	.025
	Throw		34 25	32 24	30 22	29 21	27 20
400	Neck Velocity			800	686	600	514
	Ps			.100	.074	.034	.041
	Throw			38 28	36 27	34 25	32 34
450	Neck Velocity			900	771	675	579
	Ps			.124	.091	.070	.051
	Throw			40 30	38 29	37 27	35 26
500	Neck Velocity				857	750	643
	Ps				.110	.084	.062
	Throw				41 31	39 29	37 28
550	Neck Velocity					825	707
	Ps					.100	.074
	Throw					41 31	39 29
600	Neck Velocity					900	771
	Ps					.118	.086
	Throw					44 33	42 33
650	Neck Velocity						836
	Ps						.066
	Throw						44 33
700	Neck Velocity						900
	Ps						.100
	Throw						44 33

Notes:

Neck Velocity - The neck velocity is in feet per minute

Ps - Static pressure readings are in inches water gauge.

Throw - Throw indicated are based on total number of feet of projected air when a terminal velocity of 50 feet per minute is reached. Values reflect side louver throw and center louver throw respectively. Throw should extend at least 75% of the distance from the face of the grille to the wall opposite the outlet. Throws are based on a 9 foot ceiling height. The first values of the throw at 0° deflection; second value represents throw at 22° deflection.

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page