USAIRE

MODEL 101M

Model 101M

1 Way Stamped Face Grille

CFM	Outlet Size	8x4	10x6	12x6	14x6	12x8	14x8
50	Neck Velocity	225					
	Ps	.006					
	Throw	6					
100	Neck Velocity	450	240	200			
	Ps	.023	.006	.004			
	Throw	9	7	7			
150	Neck Velocity	675	360	300	257	225	
	Ps	.051	.015	.10	.007	.006	
	Throw	12	10	9	9	8	
200	Neck Velocity	900	480	400	343	300	257
	Ps	.091	.026	.018	.013	.010	.007
	Throw	15	12	11	11	10	10
250	Neck Velocity		600	500	429	375	321
	Ps		.040	.128	.021	.016	.012
	Throw		14	13	12	12	11
300	Neck Velocity		720	600	514	450	386
	Ps		.058	.040	.030	.023	.017
	Throw		16	15	14	13	13
350	Neck Velocity		840	700	600	525	450
	Ps		.079	.055	.040	.091	.023
	Throw		17	16	16	15	14
400	Neck Velocity			800	686	600	514
	Ps			.091	.067	.051	.038
	Throw			20	19	18	17
450	Neck Velocity			900	771	675	579
	Ps			.112	.082	.063	.046
	Throw			21	20	19	18
500	Neck Velocity				857	750	643
	Ps				.100	.076	.056
	Throw				21	20	19
550	Neck Velocity					825	707
	Ps					.091	.067
	Throw					22	20
600	Neck Velocity					900	771
	Ps					.107	.078
	Throw					23	22
650	Neck Velocity						836
	Ps						.091
	Throw						23
700	Neck Velocity						900
	Ps						.096
	Throw						25

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.

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