



# MODEL 103M

## Model 103M 3 Way Stamped Face Grille

CFM	Outlet Size	8x4	12x4	10x6	12x6	14x6	12x8
50	Neck Velocity	225					
	Ps	.006					
	Throw	6 4					
100	Neck Velocity	450	300	240	200		
	Ps	.023	.009	.006	.004		
	Throw	8 6	9 7	7 6	7 5		
150	Neck Velocity	675	450	360	300	257	225
	Ps	.051	.020	.015	.010	.007	.006
	Throw	12 9	11 8	10 7	9 7	9 7	8 6
200	Neck Velocity	900	600	480	400	343	300
	Ps	.091	.035	.026	.018	.013	.010
	Throw	15 11	13 10	12 9	11 8	11 8	10 8
250	Neck Velocity		750	600	500	429	375
	Ps		.055	.040	.028	.021	.016
	Throw		15 11	14 10	13 10	12 9	12 9
300	Neck Velocity		900	720	600	514	450
	Ps		.079	.058	.040	.030	.023
	Throw		17 13	16 12	15 11	14 11	13 10
350	Neck Velocity			840	700	600	525
	Ps			.079	.055	.040	.031
	Throw			17 13	16 12	16 12	15 11
400	Neck Velocity				800	686	600
	Ps				.091	.067	.051
	Throw				20 15	19 14	18 13
450	Neck Velocity				900	771	675
	Ps				.112	.082	.063
	Throw				21 16	20 15	19 14
500	Neck Velocity					857	760
	Ps					.100	.076
	Throw					21 16	20 15
550	Neck Velocity						825
	Ps						.091
	Throw						22 16
600	Neck Velocity						900
	Ps						.107
	Throw						23 17

**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