

SIDEWALL/CEILING REGISTERS

Wide Lance Curved Blade Stamped Face



ONE-WAY HORIZONTAL WITH MULTI-SHUTTER DAMPER

- Stamped Fixed curved blades
- White baked on finish



601-HM



A 601-HM

TWO-WAY HORIZONTAL WITH MULTI-SHUTTER DAMPER

- Stamped Fixed curved blades
- White baked on finish



602-HM

THREE-WAY WITH MULTI-SHUTTER DAMPER

- Stamped Fixed curved blades
- White baked on finish



603-M



A 603-M

FOUR-WAY WITH MULTI-SHUTTER DAMPER

- Stamped Fixed curved blades
- White baked on finish



604-M



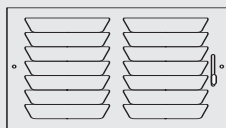
A 604-M

Dimensional Information

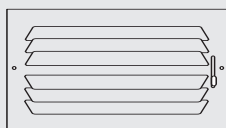
MODELS/DAMPERS

DEFLECTION PATTERN	MSD
ONE-WAY	601-HM*
TWO-WAY HORIZONTAL	602-HM
THREE-WAY	603-M*
FOUR-WAY	604-M*

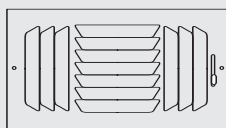
*Indicated item available in aluminum - ADD PREFIX "A".



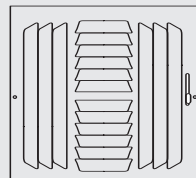
ONE-WAY



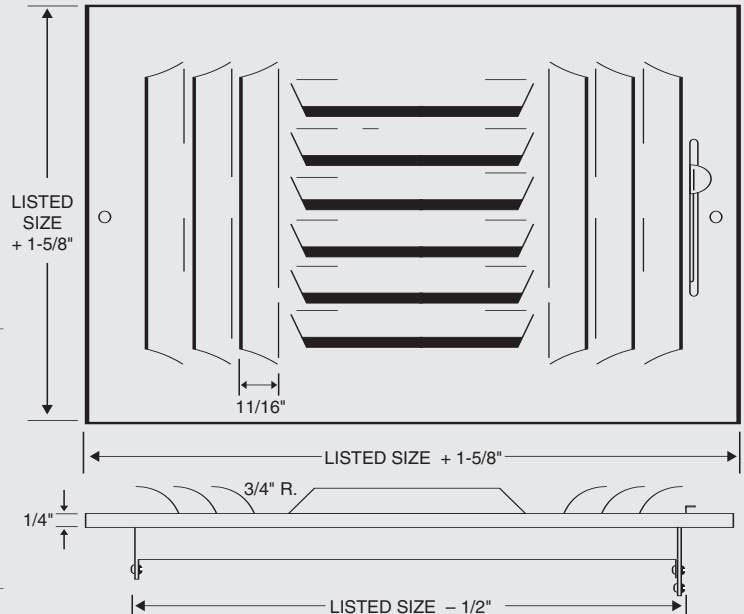
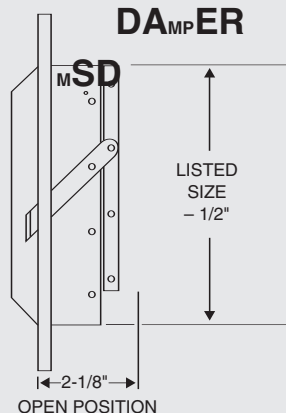
TWO-WAY HORIZONTAL



THREE-WAY



FOUR-WAY



			CFM									
Size	Area (AK)	(SQ FT)	25	50	75	100	150	200	250	300	350	400
8 x 4 (10 x 4)	.10	PT	.007	.016	.037	.065	.098					
	1-way	T	5	8	13	18	24					
	2-way	T	4	6	10	14	24					
	3-way	T	3	5	8	12	18					
		VK	250	500	750	1000	1500					
8 x 6 12 x 4	.12	PT	.005	.013	.027	.041	.086	.114				
	1-way	T	6	9	13	17	23	30				
	2-way	T	3	6	9	12	17	23				
	3-way	T	3	5	7	10	17	23				
		VK	208	417	625	833	1250	1667				
10 x 6 (14 x 4)	.14	PT		.010	.016	.033	.060	.091				
	1-way	T		7	10	15	23	31				
	2-way	T		4	8	12	16	21				
	3-way	T		4	6	9	14	18				
		VK		357	535	714	1071	1429				
8 x 8 16 x 4	.15	PT		.008	.014	.029	.048	.086				
	1-way	T		8	10	14	23	31				
	2-way	T		5	7	10	17	22				
	3-way	T		5	7	10	17	21				
	4-way	T		4	6	9	13	18				
		VK		333	500	667	1000	1333				
12 x 6 (10 x 8)	.17	PT		.007	.011	.016	.037	.065	.081			
	1-way	T		8	10	13	21	28	35			
	2-way	T		6	8	10	18	23	30			
	3-way	T		5	6	9	14	20	25			
		VK		294	441	588	822	1176	1471			
14 x 6	.21	PT		.005	.008	.013	.033	.053	.069	.083		
	1-way	T		6	10	13	19	25	30	36		
	2-way	T		5	7	10	14	20	25	30		
	3-way	T		5	7	10	14	18	21	26		
		VK		238	357	476	714	952	1190	1429		

Total pressure loss (PT) includes total static (Ps) and velocity (Pv) pressure losses for register only. Throw (T) is the horizontal or vertical distance of the throw in feet. Throw measurements based on a terminal velocity (VT) of 50 FPM. See blow pattern on page 114. Face outlet velocity (VK) is the averaged face velocities measured with 2220A velometer jet. See figure #1 on page 103 for flow measurement method.

PERFORMANCE SPECIFICATIONS

Series 600 & A 600 Stamped Curved Blade



			CFM												
Size	Area (AK)	(SQ FT)	50	75	100	150	200	250	300	350	400	500	600	800	1000
12 x 8	.24	PT		.006	.011	.029	.042	.065	.078	.091					
16 x 6 (10 x 10)	1-way	T		9	11	17	23	29	34	40					
	2-way	T		7	9	12	16	21	30	35					
	3-way	T		6	8	11	13	17	25	30					
	4-way	T		5	6	10	13	17	20	23					
		VK		313	417	625	833	1042	1250	1458					
14 x 8	.28	PT		.003	.009	.016	.033	.051	.067	.077					
	1-way	T		8	11	16	21	28	33	39					
	2-way	T		6	8	12	17	21	24	27					
	3-way	T		5	7	11	15	18	19	23					
		VK		268	357	536	715	893	1071	1250					
16 x 8	.33	PT			.006	.012	.021	.038	.053	.068	.074	.089			
	1-way	T			9	14	19	23	29	32	36	45			
	2-way	T			7	12	15	21	23	28	36	45			
	3-way	T			7	9	12	16	19	23	25	32			
		VK			303	455	606	758	909	1061	1212	1515			
12 x 12	.37	PT			.005	.010	.018	.033	.045	.059	.070	.084			
	1-way	T			10	15	20	25	30	35	40	50			
	2-way	T			8	11	14	16	20	23	32	40			
	3-way	T			7	9	12	14	18	23	28	35			
		T			6	8	10	12	15	18	24	30			
		VK			270	405	541	676	811	946	1081	1351			
14 x 14	.51	PT				.007	.012	.021	.038	.047	.062	.075	.090	.097	
	1-way	T				13	17	21	25	29	32	40	50	67	
	2-way	T				9	12	15	18	21	23	29	35	46	
	3-way	T				8	10	12	15	18	19	26	31	41	
		T				7	9	11	13	16	18	23	27	36	
		VK				294	392	490	588	686	784	980	1176	1568	
16 x 16	.60	PT				.005	.008	.016	.027	.040	.053	.068	.080	.091	.108
	1-way	T				11	15	17	21	24	27	34	41	68	82
	2-way	T				8	10	13	16	18	20	25	32	42	53
	3-way	T				6	8	10	13	15	17	20	23	34	42
		T				6	7	9	11	13	14	18	20	29	37
		VK				250	333	417	500	583	667	833	1000	1333	1667

Total pressure loss (PT) includes total static (Ps) and velocity (Pv) pressure losses for register only. Throw (T) is the horizontal or vertical distance of the throw in feet. Throw measurements based on a terminal velocity (VT) of 50 FPM. See blow pattern on page 105. Face outlet velocity (VK) is the averaged face velocities measured with 2220A velometer jet. See figure #1 on page 103 for flow measurement method.