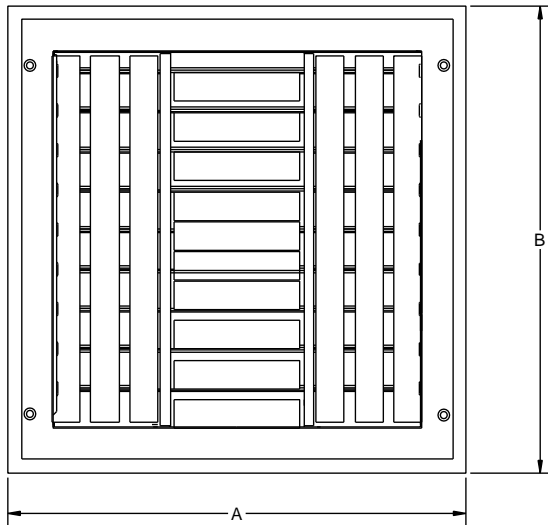
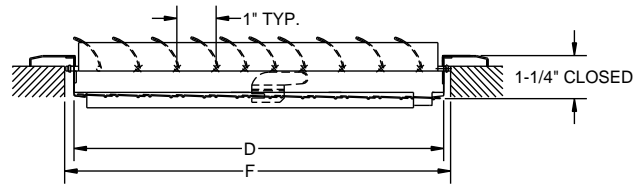
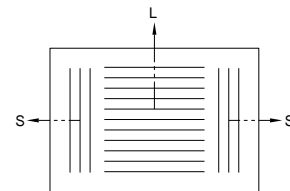




MFACRA-W3 SERIES ALUMINUM CURVED BLADE 3-WAY REGISTER SPECIFICATION CHART



- For Sidewall Or Ceiling Application
- Aluminum Construction
- Integral Multi-Shutter Damper
- Adjustable Curved Blades
- 3-Way Deflection & Air Pattern
- Finish: White



Aluminum Curved S/C Adjustable Register 3-Way Dimensional Chart

Size (ExF)	Dimensions (See Detail Sketches)				Size (ExF)	Dimensions (See Detail Sketches)			
	A	B	C	D		A	B	C	D
6x6	7-3/4	7-3/4	5-3/4	5-3/4	12x6	13-3/4	7-3/4	11-3/4	5-3/4
8x4	9-3/4	5-3/4	7-3/4	3-3/4	12x8	13-3/4	9-3/4	11-3/4	7-3/4
8x8	9-3/4	9-3/4	7-3/4	7-3/4	12x12	13-3/4	13-3/4	11-3/4	11-3/4
10x4	11-3/4	5-3/4	9-3/4	3-3/4	14x6	15-3/4	7-3/4	13-3/4	5-3/4
10x6	11-3/4	7-3/4	9-3/4	5-3/4	14x8	15-3/4	9-3/4	13-3/4	7-3/4
10x10	11-3/4	11-3/4	9-3/4	9-3/4	14x14	15-3/4	15-3/4	13-3/4	13-3/4

Aluminum Curved S/C Adjustable Register 3-Way										
Face Velocity		400	500	600	700	800	900	1000	1100	1200
Pressure Loss		0.012	0.016	0.024	0.032	0.040	0.052	0.064	0.076	0.092
6x6 Ak .14	cfm	60	70	85	100	115	130	145	160	175
	cfm L/S Throw L/S	10/15 3/4	12/18 4/5	16/22 5/6	18/25 6/7	21/28 6/8	22/31 7/8	25/36 8/8	27/38 8/9	31/42 8/10
8x4 Ak .13	cfm	55	65	80	95	105	120	130	145	160
	cfm L/S Throw L/S	10/14 3/4	12/18 4/5	16/21 5/6	18/25 6/7	20/28 6/8	22/30 7/8	25/36 7/8	26/38 8/9	31/41 8/9
8x8 Ak .23	cfm	90	115	140	160	185	205	230	255	275
	cfm L/S Throw L/S	41/24 5/4	51/31 6/5	63/36 8/6	69/41 8/7	78/47 10/8	89/55 11/9	99/59 12/10	109/66 14/12	119/72 15/13
10x4 Ak .15	cfm	65	80	95	110	125	140	155	170	190
	cfm L/S Throw L/S	11/15 3/4	13/19 4/5	17/21 5/7	18/26 6/7	21/28 7/8	22/30 7/8	26/36 8/8	26/39 8/10	32/41 9/11
10x6 Ak .22	cfm	85	110	130	150	175	195	220	240	260
	cfm L/S Throw L/S	29/27 5/5	37/33 6/5	44/38 7/6	50/46 7/7	58/51 9/8	65/59 9/9	72/64 11/10	79/72 12/12	87/79 13/12
10x10 Ak .34	cfm	135	170	205	240	270	305	340	375	410
	cfm L/S Throw L/S	47/42 5/5	59/63 6/7	72/64 8/7	83/74 9/9	95/85 11/10	106/94 12/11	119/106 13/12	131/117 15/14	142/126 16/15
12x6 Ak .25	cfm	100	125	155	180	205	230	255	280	305
	cfm L/S Throw L/S	28/34 4/4	36/42 5/6	42/49 6/9	49/59 7/8	54/67 8/9	63/74 9/9	70/83 10/11	77/91 11/12	84/98 11/12
12x8 Ak .32	cfm	130	165	195	230	260	295	330	360	395
	cfm L/S Throw L/S	47/42 5/5	59/63 7/7	72/64 8/7	83/74 9/8	95/85 10/9	106/94 11/10	119/106 12/12	131/117 14/13	142/126 15/14
12x12 Ak .47	cfm	190	235	285	330	380	425	475	520	570
	cfm L/S Throw L/S	47/56 9/11	58/68 12/12	68/79 12/13	79/89 14/15	89/103 13/14	99/115 15/16	109/127 16/17	119/139 17/18	121/152 19/19
14x6 Ak .29	cfm	115	145	175	205	235	260	290	320	350
	cfm L/S Throw L/S	44/40 5/4	57/61 6/7	70/61 8/7	80/71 9/8	92/81 10/9	103/91 11/10	116/104 12/11	127/113 13/12	140/123 14/13
14x8 Ak .37	cfm	150	190	225	265	300	340	375	415	450
	cfm L/S Throw L/S	42/49 4/5	53/62 6/6	63/74 7/7	74/86 8/8	84/99 9/9	95/111 10/10	106/123 11/11	116/136 12/12	127/148 14/14
14x14 Ak .63	cfm	255	315	380	445	505	570	635	695	760
	cfm L/S Throw L/S	53/68 17/18	70/80 18/19	80/92 18/21	91/102 19/21	101/115 18/22	103/127 21/22	121/139 22/23	132/151 23/24	133/164 24/25

Terminal Velocity of 75 fpm, Pressure Loss (in H₂O) & Throw (ft)