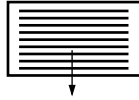


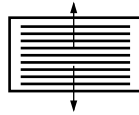
**A611 1-Way Adjustable Curved-Blade Register (Page 15)**



Face Velocity		300	400	500	600	700	800	900	1000	1100	1200
Pressure Loss		.006	.010	.016	.022	.031	.040	.050	.062	.075	.090
8x4 Ak .107	cfm Throw	30 3.5	45 5.5	55 6.5	65 7.5	75 9	85 10	95 11.5	105 12.5	120 14	130 15.5
10x4 Ak .132	cfm Throw	40 4	55 6	65 7	80 8.5	90 9.5	105 11	120 12.5	130 13.5	145 15.5	160 17
10x6 Ak .200	cfm Throw	60 5	80 6.5	100 8.5	120 10	140 11.5	160 13.5	180 15	200 16	220 18	240 20
12x6 Ak .235	cfm Throw	70 5.5	95 7	120 9	140 10.5	165 12.5	190 14.5	210 16	235 18	260 20	280 22
10x8 Ak .264	cfm Throw	80 5.5	105 7.5	130 9.5	160 11.5	185 13	210 15	240 17	265 19	290 21	315 23
12x8 Ak .320	cfm Throw	95 6	130 8.5	160 10.5	190 12.5	225 14.5	255 16.5	290 19	320 21	350 23	385 25
14x8 Ak .364	cfm Throw	110 6.5	145 8.5	180 11	220 13	255 15.5	290 17.5	330 20	365 22	400 24	435 26

Terminal Velocity of 75 fpm

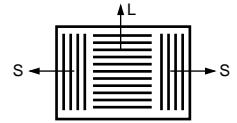
**A612 2-Way Adjustable Curved-Blade Register (Page 15)**



Face Velocity		300	400	500	600	700	800	900	1000	1100	1200
Pressure Loss		.006	.010	.016	.022	.031	.040	.050	.062	.075	.090
8x4 Ak .107	cfm Throw	30 2.5	45 4	55 4.5	65 5.5	75 6.5	85 7	95 8	105 9	120 10	130 11
10x4 Ak .132	cfm Throw	40 3	55 4	65 5	80 6	90 6.5	105 8	120 9	130 9.5	145 11	160 12
10x6 Ak .200	cfm Throw	60 3.5	80 4.5	100 6	120 7	140 8.5	160 9.5	180 10.5	200 12	220 13	240 14
12x6 Ak .235	cfm Throw	70 4	95 5	120 6.5	140 7.5	165 9	190 10	210 11.5	235 12.5	260 14	280 15
10x8 Ak .264	cfm Throw	80 4	105 5.5	130 6.5	160 8	185 9.5	210 10.5	240 12	265 13.5	290 14.5	315 16
12x8 Ak .320	cfm Throw	95 4.5	130 6	160 7.5	190 8.5	225 10.5	255 11.5	290 13.5	320 14.5	350 16	385 18
14x8 Ak .364	cfm Throw	110 4.5	145 6	180 7.5	220 9.5	255 11	290 12.5	330 14	365 15.5	400 17	435 19

Terminal Velocity of 75 fpm

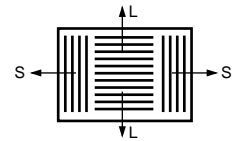
**A613 3-Way Adjustable Curved-Blade Register (Page 15)**



Face Velocity		300	400	500	600	700	800	900	1000	1100	1200
Pressure Loss		.006	.010	.016	.022	.031	.040	.050	.062	.075	.090
10x6 Ak .200	Total cfm cfm L/S Throw L/S	60 22/19 3/2	80 29/26 4/4	100 36/32 5/4.5	120 43/38 6/5	140 50/45 7/6.5	160 58/51 8/7.5	180 65/58 9/8.5	200 72/64 10/9.5	220 79/70 11/10.5	240 86/77 12/11.5
8x8 Ak .215	Total cfm cfm L/S Throw L/S	65 30/18 3.5/3	85 39/23 4.5/3.5	110 50/30 6/4.5	130 60/35 7/5.5	150 68/41 8/6.5	170 78/46 9.5/7	195 89/53 10.5/8	215 98/58 11.5/9	235 108/64 13/10	260 119/70 14/11
12x6 Ak .235	Total cfm cfm L/S Throw L/S	70 21/25 3/3	95 28/33 4/4	120 36/42 5/5.5	140 42/49 6/6.5	165 49/58 7/7.5	190 57/67 8/8.5	210 63/74 9/9.5	235 70/82 9.5/10.5	260 77/91 10.5/11.5	280 83/98 11.5/12.5
10x10 Ak .330	Total cfm cfm L/S Throw L/S	100 36/32 4/3.5	130 47/42 5/4.5	165 59/63 6.5/6	200 72/64 7.5/7	230 83/74 9/8.5	265 95/85 10/9.5	295 106/94 11/10.5	330 119/106 12.5/12	365 131/117 14/13	395 142/126 15/14

Terminal Velocity of 75 fpm

**A614 4-Way Adjustable Curved-Blade Register (Page 16)**



Face Velocity		300	400	500	600	700	800	900	1000	1100	1200
Pressure Loss		.006	.010	.016	.022	.031	.040	.050	.062	.075	.090
8x8 Ak .215	Total cfm cfm L/S Throw L/S	65 15/18 2.5/3	85 20/23 3.5/3.5	110 25/30 4/4.5	130 30/35 5/5.5	150 35/41 6/6.5	170 39/46 6.5/7	195 45/53 7.5/8	215 49/58 8/9	235 54/64 9/10	260 60/70 10/11
10x10 Ak .33	Total cfm cfm L/S Throw L/S	100 18/32 2.5/3.5	130 24/42 3.5/4.5	165 30/53 4.5/6	200 36/64 5.5/7	230 42/74 6.5/8.5	265 48/85 7/9.5	295 53/94 8/10.5	330 60/106 9/12	365 66/117 10/13	395 71/126 10.5/14
12x12 Ak .452	Total cfm cfm L/S Throw L/S	135 20/47 2.5/4	180 27/63 3.5/5.5	225 34/79 4.5/7	270 40/95 5.5/8.5	315 47/111 6.5/10	360 54/126 7.5/11	405 61/142 8.5/12.5	450 67/158 9/14	495 74/174 10/15.5	540 81/190 11/17

Terminal Velocity of 75 fpm