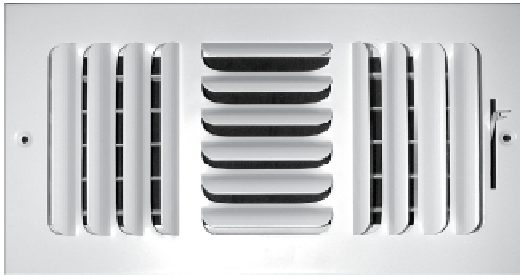
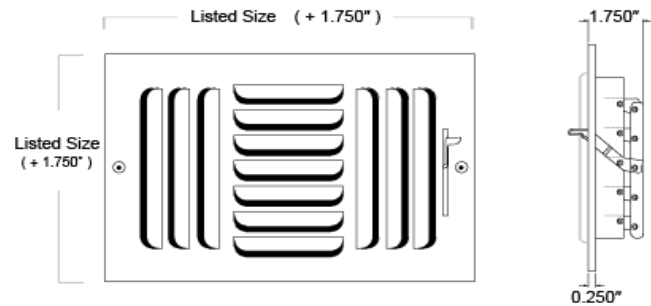


SUBMITTALModel: **403M**

Stamped Steel Curved Blade

Sidewall-Ceiling Registers*403M Three-Way***Features:**

- Stamped curved blade 3 airway pattern on face with multilouver shutter damper in rear
- Counter sunk screw holes with 2" long screw provided
- Each grille is individually shrink wrapped
- Finished with white powder coating

Material : Cold Rolled Steel**Face :** Stamped Curved Blade**Packaging :** Each grille is individually shrink wrapped**Size :**
Min. 6" x 6"
Max. 16" x 16"**Project name:** _____ **Architect:** _____**Project Location:** _____ **Engineer:** _____**Contractor:** _____

401M 402M 403M 404M0

Stamped Curved Blade		Wall/Ceiling Registers 1,2,3,4 way Deflection							
Face Jet Velocity		300	400	500	600	700	800	900	1000
Total Pressure Loss		0.007	0.011	0.017	0.023	0.032	0.420	0.053	0.064
Size									
Eff. Area / ft									
8x4	CFM	45	67	80	100	120	135	145	160
0.11	1 way throw	7	9	11	14	16	19	21	23
	2 way throw	5	7	7	12	14	17	19	21
	3 way throw	5	6	7	6	11	13	15	17
8x6	CFM	80	110	135	160	195	210	235	260
0.12	1 way throw	10	13	17	19	22	25	27	29
	2 way throw	9	12	15	17	20	23	25	27
	3 way throw	11	13	15	17	19	23	25	27
8x8	CFM	110	140	175	210	240	275	310	340
0.13	2 way throw	7	10	11	12	19	22	27	32
	3 way throw	8	10	12	16	20	22	25	27
	4 way throw	7	9	11	14	16	17	20	22
10x4	CFM	78	105	135	155	180	210	230	260
0.13	1 way throw	11	13	15	20	23	27	31	33
	2 way throw	9	11	13	17	22	25	29	31
	3 way throw	9	11	14	17	19	21	24	26
10x6	CFM	100	130	160	200	235	270	310	340
0.17	1 way throw	11	13	17	20	23	26	30	32
	2 way throw	10	12	16	19	21	24	27	29
	3 way throw	9	10	13	16	19	21	24	26
10x8	CFM	138	185	230	270	330	370	420	460
0.23	1 way throw	11	15	20	24	28	32	34	38
	2 way throw	11	14	18	20	21	25	29	32
	3 way throw	10	12	17	20	22	24	26	29
10x10	CFM	185	240	305	360	420	480	530	580
0.27	2 way throw	9	13	17	20	23	27	30	33
	3 way throw	8	11	15	18	21	25	28	30
	4 way throw	8	10	14	17	20	23	26	29
12x4	CFM	80	100	130	160	190	220	240	270
0.12	1 way throw	9	12	15	19	22	25	28	31
	2 way throw	7	10	13	17	21	23	27	29
	3 way throw	7	10	12	15	17	20	23	26
12x6	CFM	120	160	200	240	270	330	370	410
0.19	1 way throw	11	14	18	21	24	28	31	33
	2 way throw	9	12	15	18	21	24	27	30
	3 way throw	8	11	13	16	19	22	24	28
12x8	CFM	170	225	280	345	390	455	515	570
0.27	1 way throw	11	14	19	22	25	29	32	35
	2 way throw	10	12	15	19	24	27	29	33
	3 way throw	9	12	15	17	22	25	26	29
12x12	CFM	255	340	430	525	615	700	790	870
0.39	2 way throw	11	14	19	21	24	29	33	37
	3 way throw	10	13	16	18	22	25	27	29
	4 way throw	8	12	15	17	20	23	25	28



401M 402M 403M 404M0 404M

Engineering Data

14x6	CFM	150	200	245	295	350	398	452	498
0.24	1 way throw	11	14	17	20	25	28	32	35
	2 way throw	8	12	16	19	23	26	29	31
	3 way throw	8	11	15	18	22	25	28	29
14x8	CFM	195	262	335	396	465	532	597	675
0.31	1 way throw	12	15	19	22	26	29	33	36
	2 way throw	11	13	17	20	24	27	28	32
	3 way throw	9	11	15	18	22	25	26	30
14x14	CFM	370	425	460	590	720	850	980	1115
0.48	2 way throw	12	15	21	23	25	28	32	34
	3 way throw	11	13	17	20	24	27	30	31
	4 way throw	10	13	15	18	23	26	29	30
16x6	CFM	170	225	280	335	390	450	515	575
0.26	1 way throw	13	15	19	23	28	32	35	37
	2 way throw	11	13	18	21	25	29	32	33
	3 way throw	10	11	15	19	22	25	29	31
16x8	CFM	230	316	380	460	550	63	715	790
0.29	1 way throw	15	21	24	28	36	39	42	43
	2 way throw	13	19	22	26	34	37	39	40
	3 way throw	12	18	20	24	29	34	37	39