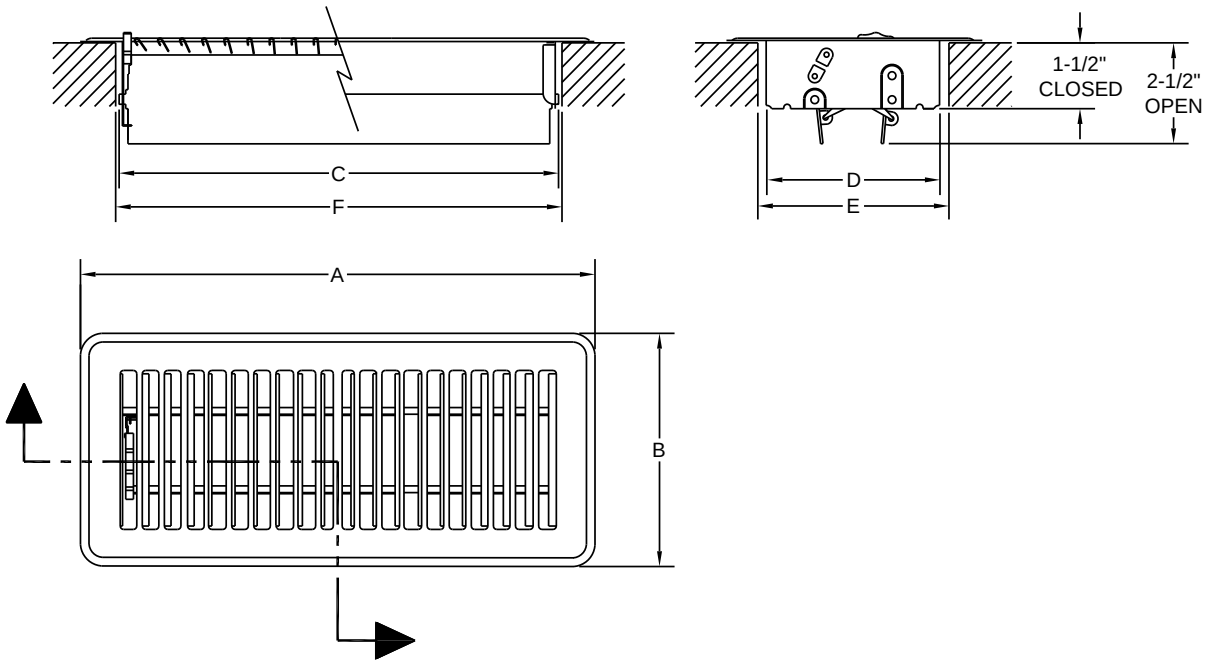
MFFR SERIES
FLOOR REGISTER
SPECIFICATION CHART



- **Heavy Gauge Steel Construction**
- **Toe Operated Valve Control**
- **Extremely Rigid, Smooth Surface Face**
- **Finish: White or Brown**

Floor Register Dimensional Chart

Size (ExF)	Dimensions (See Detail Sketches)				Size (ExF)	Dimensions (See Detail Sketches)			
	A	B	C	D		A	B	C	D
2x10	11-1/2	3-3/4	9-7/8	2-1/8	4x12	13-1/2	5-1/2	11-7/8	3-15/16
2x12	13-1/2	3-3/4	11-7/8	2-1/8	4x14	15-1/2	5-1/2	13-7/8	3-15/16
2x14	15-1/2	3-3/4	13-7/8	2-1/8	6x8	9-1/2	7-1/2	7-7/8	5-5/8
3x10	11-1/2	4-1/2	9-7/8	2-15/16	6x10	11-1/2	7-1/2	9-7/8	5-5/8
4x8	9-1/2	5-1/2	7-7/8	3-15/16	6x12	13-1/2	7-1/2	11-7/8	5-5/8
4x10	11-1/2	5-1/2	9-7/8	3-15/16	6x14	15-1/2	7-1/2	13-7/8	5-5/8

Floor Register

Face Velocity		300	400	500	600	700	800	900	1000
Pressure Loss (In H_2O)		0.004	0.008	0.016	0.024	0.028	0.040	0.052	0.060
2x10 Ak .09	cfm	25	35	45	50	60	70	75	85
	spread (ft)	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
	throw (ft)	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
2x12 Ak .11	cfm	30	45	55	65	75	85	95	110
	spread (ft)	4.0	6.0	6.0	7.0	8.0	9.0	10.0	11.0
	throw (ft)	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0
2x14 Ak .12	cfm	35	45	60	70	80	90	105	115
	spread (ft)	4.0	6.0	7.0	7.0	8.0	10.0	11.0	12.0
	throw (ft)	5.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
3x10 Ak .14	cfm	40	55	70	80	95	110	120	135
	spread (ft)	4.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0
	throw (ft)	6.0	7.0	8.0	9.0	10.0	12.0	13.0	14.0
4x8 Ak .15	cfm	40	50	65	80	90	105	115	130
	spread (ft)	4.0	5.0	7.0	8.0	9.0	10.0	11.0	13.0
	throw (ft)	6.0	7.0	8.0	10.0	11.0	12.0	13.0	14.0
4x10 Ak .18	cfm	50	70	85	100	120	135	155	170
	spread (ft)	5.0	6.0	7.0	8.0	10.0	11.0	13.0	15.0
	throw (ft)	6.0	7.0	9.0	10.0	12.0	13.0	15.0	17.0
4x12 Ak .21	cfm	60	85	105	125	145	165	185	210
	spread (ft)	6.0	7.0	9.0	11.0	12.0	14.0	15.0	17.0
	throw (ft)	5.0	6.0	8.0	9.0	10.0	11.0	13.0	14.0
4x14 Ak .24	cfm	70	90	115	140	160	185	205	230
	spread (ft)	7.0	8.0	10.0	11.0	13.0	16.0	17.0	19.0
	throw (ft)	6.0	7.0	8.0	10.0	11.0	13.0	14.0	15.0
6x8 Ak .20	cfm	60	80	100	120	140	160	175	195
	spread (ft)	6.0	7.0	10.0	11.0	13.0	14.0	15.0	17.0
	throw (ft)	5.0	6.0	8.0	9.0	11.0	12.0	13.0	15.0
6x10 Ak .25	cfm	70	95	120	145	170	190	215	240
	spread (ft)	6.0	8.0	9.0	12.0	13.0	15.0	17.0	19.0
	throw (ft)	5.0	7.0	8.0	10.0	11.0	13.0	14.0	15.0
6x12 Ak .32	cfm	85	115	145	170	200	230	255	285
	spread (ft)	7.0	9.0	10.0	13.0	15.0	17.0	19.0	22.0
	throw (ft)	6.0	8.0	9.0	11.0	12.0	15.0	16.0	18.0
6x14 Ak .35	cfm	100	135	170	200	235	270	300	335
	spread (ft)	8.0	9.0	11.0	13.0	16.0	18.0	20.0	22.0
	throw (ft)	6.0	8.0	10.0	12.0	13.0	15.0	17.0	18.0

Terminal velocity of 50 fpm.

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