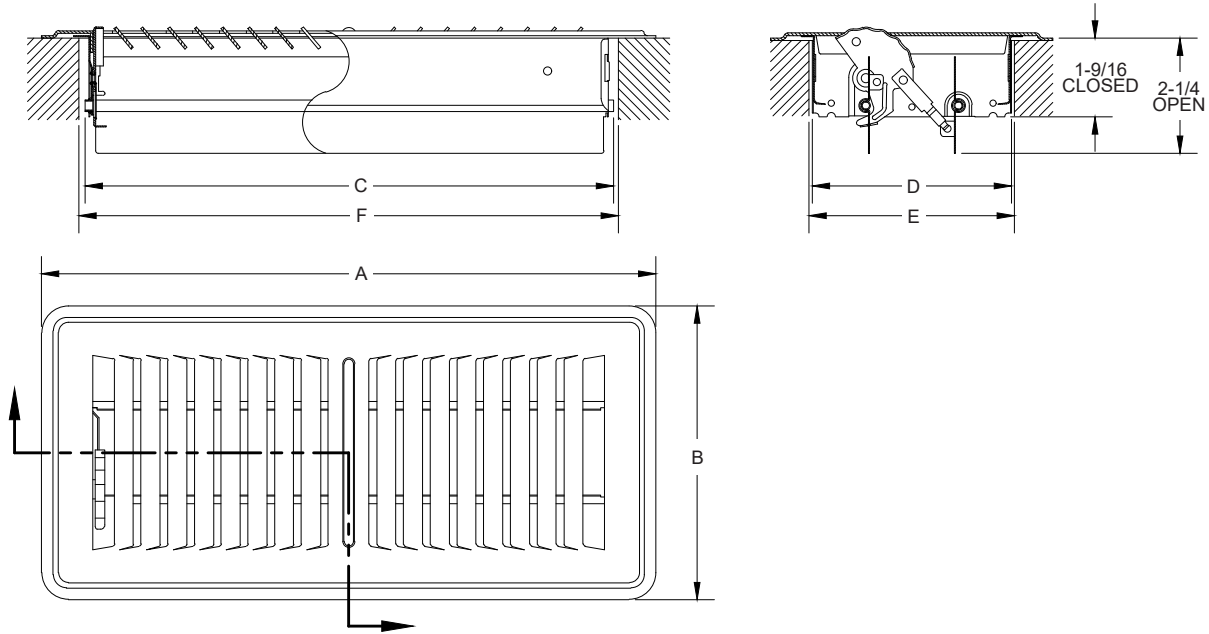




MFFR-HD SERIES HEAVY DUTY FLOOR REGISTER SPECIFICATION CHART



- Heavy Gauge - Welded Steel Construction
- Rolled Fins with Opposed Blade Damper
- Foot Operated Valve Control
- Extremely Rigid, Smooth Surface Face
- Finish: White or Brown

Heavy Duty Floor Register Dimensional Chart

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

Heavy Duty Floor Register

Face Velocity		300	400	500	600	700	800	900	1000
Pressure Loss (in H₂O)		0.008	0.012	0.016	0.024	0.032	0.040	0.048	0.060
2x12 Ak .11	cfm	35	45	55	65	80	90	100	110
	spread (ft)	3.0	5.0	6.0	7.0	9.0	10.0	12.0	13.0
	throw (ft)	2.0	4.0	4.0	5.0	6.0	7.0	8.0	8.0
2x14 Ak .13	cfm	40	55	65	80	95	105	120	135
	spread (ft)	4.0	6.0	7.0	8.0	10.0	11.0	12.0	13.0
	throw (ft)	3.0	4.0	5.0	5.0	6.0	7.0	8.0	9.0
4x8 Ak .15	cfm	45	60	75	90	105	120	135	150
	spread (ft)	4.0	6.0	7.0	9.0	11.0	11.0	13.0	15.0
	throw (ft)	3.0	4.0	5.0	5.0	6.0	7.0	8.0	9.0
4x10 Ak .17	cfm	50	70	85	105	120	140	155	175
	spread (ft)	5.0	7.0	8.0	10.0	11.0	13.0	15.0	17.0
	throw (ft)	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
4x12 Ak .21	cfm	65	85	105	125	145	170	190	210
	spread (ft)	5.0	7.0	9.0	11.0	12.0	14.0	16.0	18.0
	throw (ft)	3.0	4.0	5.0	6.0	8.0	9.0	10.0	11.0
4x14 Ak .25	cfm	75	100	125	150	175	200	230	255
	spread (ft)	6.0	8.0	10.0	12.0	13.0	15.0	18.0	19.0
	throw (ft)	4.0	5.0	6.0	7.0	8.0	9.0	11.0	12.0
6x10 Ak .27	cfm	80	110	135	165	190	220	245	270
	spread (ft)	7.0	9.0	10.0	12.0	14.0	16.0	18.0	21.0
	throw (ft)	4.0	5.0	6.0	7.0	9.0	10.0	11.0	14.0
6x12 Ak .34	cfm	100	135	170	205	235	270	305	338
	spread (ft)	7.0	9.0	11.0	14.0	15.0	18.0	20.0	22.0
	throw (ft)	5.0	6.0	7.0	9.0	10.0	11.0	12.0	14.0
6x14 Ak .39	cfm	115	155	195	235	275	315	350	390
	spread (ft)	8.0	10.0	13.0	14.0	17.0	20.0	22.0	25.0
	throw (ft)	5.0	6.0	7.0	9.0	10.0	12.0	13.0	15.0