

Submitted by: _____

Date: _____

Stamped Face

Floor Register

Model:

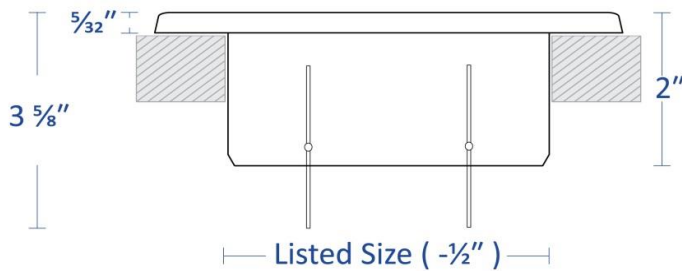


Available Options

- Brown finish
- White finish
- Multi-shutter damper
- Opposed blade damper

Listed Size (+1.500")

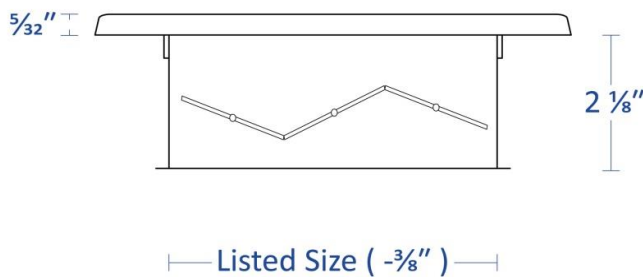
Multi-Shutter Damper



Model Features

- 2 way air flow pattern
- Sturdy all-steel construction
- Widespread air diffusion
- Durable powder coated finish

Opposed Blade Damper



Material: Steel

Face: Stamped

Model Size:

Project Name: _____

Architect: _____

Project Location: _____

Engineer: _____

Contractor: _____

Size	CFM	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400
2x10 Free Area 16 SQ. IN.	Pressure Loss(In. W.G.)	0.017	0.037	0.067	0.124	0.178	0.243									
	Horiz. Spread(Ft.)	6.5	9.5	12.5	14	17	20									
	Vertical Throw(Ft.)	3.5	5.5	7.5	8.5	10	12									
	Avg. Face Vel.(FPM)	450	676	902	1218	1461	1704									
2x12 Free Area 19 SQ. IN.	Pressure Loss(In. W.G.)	0.01	0.024	0.042	0.077	0.111	0.151	0.198								
	Horiz. Spread(Ft.)	6	8.5	11.5	13	15.5	18	20.5								
	Vertical Throw(Ft.)	3.5	5	6.5	7.5	9	10.5	12								
	Avg. Face Vel.(FPM)	379	568	758	1033	1240	1447	1653								
2x14 SQ. IN. 22 SQ. IN.	Pressure Loss(In. W.G.)	0.009	0.02	0.036	0.069	0.099	0.135	0.175	0.222							
	Horiz. Spread(Ft.)	5.5	8	10.5	12	14	16.5	19	21							
	Vertical Throw(Ft.)	3	4.5	6	7	8.5	10	11	12.5							
	Avg. Face Vel.(FPM)	327	490	654	880	1162	1355	1549	1743							
4x10 Free Area 28 SQ. IN.	Pressure Loss(In. W.G.)	0.004	0.009	0.016	0.025	0.036	0.049	0.063	0.081	0.099	0.117	0.140				
	Horiz. Spread(Ft.)	5.0	7.0	9.5	11.5	14.0	16.5	19.0	21.0	23.5	26.0	28.0				
	Vertical Throw(Ft.)	3.0	4.0	5.5	7.0	8.0	9.5	11.0	12.0	13.5	15.0	16.5				
	Avg. Face Vel.(FPM)	258	387	516	644	773	902	1031	1160	1289	1418	1547				
4x12 Free Area 34 SQ. IN.	Pressure Loss(In. W.G.)	0.003	0.007	0.013	0.020	0.029	0.040	0.051	0.065	0.080	0.097	0.111	0.130			
	Horiz. Spread(Ft.)	4.5	6.5	8.5	10.5	12.5	15.0	17.0	19.0	21.5	23.5	25.5	27.5			
	Vertical Throw(Ft.)	2.5	3.5	5.0	6.0	7.5	8.5	10.0	11.5	12.5	13.5	15.0	16.0			
	Avg. Face Vel.(FPM)	212	318	424	530	636	742	848	954	1060	1165	1271	1377			
4x14 Free Area 40 SQ. IN.	Pressure Loss(In. W.G.)		0.005	0.009	0.014	0.019	0.027	0.034	0.044	0.053	0.065	0.076	0.090	0.102	0.118	0.131
	Horiz. Spread(Ft.)		6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32
	Vertical Throw(Ft.)		3.5	4.5	6.0	7.0	8.0	9.0	10.0	11.5	12.5	13.5	15.0	16.0	17.0	18
	Avg. Face Vel.(FPM)		270	360	450	540	630	720	810	900	990	1079	1169	1259	1349	1439
6x10 Free Area 43 Sq.IN.	Pressure Loss(In. W.G.)			0.006	0.009	0.013	0.018	0.023	0.030	0.036	0.044	0.052	0.062	0.071	0.082	0.093
	Horiz. Spread(Ft.)			7.5	9.5	11.5	13.0	15.0	17.0	19.0	20.5	22.5	24.5	26.0	28.0	30.0
	Vertical Throw(Ft.)			4.5	5.5	6.5	7.5	8.5	10.0	11.0	12.0	13.0	14.0	15.5	16.5	17.5
	Avg. Face Vel.(FPM)			334	418	502	585	669	753	837	920	1004	1087	1170	1253	1337
6x12 Free Area 51 SQ. IN.	Pressure Loss(In. W.G.)			0.005	0.008	0.012	0.016	0.021	0.027	0.033	0.040	0.047	0.056	0.064	0.074	0.084
	Horiz. Spread(Ft.)			7.0	8.5	10.0	12.0	13.5	15.5	17.0	19.0	20.5	22.0	24.0	25.5	27.5
	Vertical Throw(Ft.)			4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0
	Avg. Face Vel.(FPM)			282	353	423	494	565	635	706	777	847	918	989	1059	1130
6x14 Free Area 59 SQ. IN.	Pressure Loss(In. W.G.)			0.004	0.007	0.010	0.014	0.018	0.023	0.028	0.035	0.041	0.048	0.056	0.064	0.073
	Horiz. Spread(Ft.)			6.5	8.0	9.5	11.0	12.5	14.0	15.5	17.0	19.0	20.5	22.0	23.5	25.0
	Vertical Throw(Ft.)			3.5	4.5	5.5	6.5	7.5	8.0	9.0	10.0	11.0	12.0	13.0	13.5	14.5
	Avg. Face Vel.(FPM)			244	305	366	427	488	549	610	671	732	793	854	915	976

150-O Floor Register w/OBD

Face Jet Velocity	300	400	500	600	700	800	900	1000
Total Pressure Loss	0.006	0.01	0.016	0.022	0.031	0.04	0.05	0.062

Size	Free Area									
2.25x10	15	CFM	25	35	45	55	60	70	80	90
		Throw	2	2.5	3	4	4.5	5	6	6.5
2.25x12	19	CFM	35	45	55	65	75	9	100	110
		Throw	2	3	3.5	4	5	6	6.5	7
2.25x14	22	CFM	40	50	65	80	90	105	115	130
		Throw	2.5	3	4	4.5	5.5	6.5	7	8
4x10	29	CFM	50	70	85	100	120	135	155	170
		Throw	3	3.5	4.5	5.5	6.5	7	8	9
4x12	35	CFM	65	85	105	125	145	170	190	210
		Throw	3	4	5	6	7	8	9	10
4x14	40	CFM	75	100	125	150	175	200	225	250
		Throw	3.5	4.5	5.5	6.5	7.5	9	10	11
6x10	44	CFM	80	110	135	160	190	215	245	270
		Throw	3.5	4.5	6	7	8	9	10.5	11.5
6x12	53	CFM	100	130	165	200	230	265	295	330
		Throw	4	5	6.5	7.5	9	10	11.5	12.5
6x14	60	CFM	115	155	195	235	275	310	350	390
		Throw	4.5	5.5	7	8.5	10	11	12.5	14

Terminal Velocity 50FPM