



Inc.

LOUVERS & DAMPERS

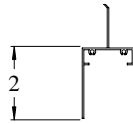
2220 & 2225 2 INCH EXTRUDED ALUMINIUM STORMPROOF STATIONARY LOUVER



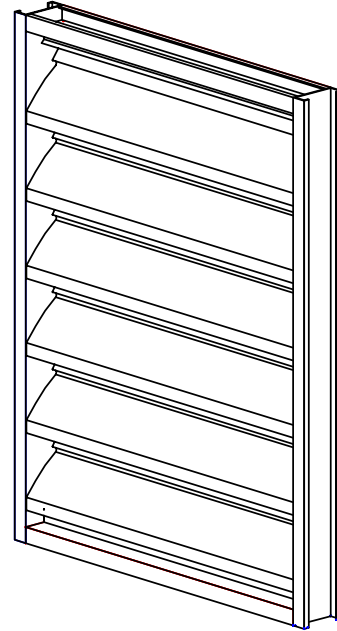
Channel Frame



Extended Sill



Flange Frame



Quantity	Ref. #	Width (W)*	Height (H)*	Frame	Accessories
PROJECT NAME:				ENGINEER:	
CONTRACTOR:				SUBMITTAL DATE:	

STANDARD CONSTRUCTION

- Depth:** 2 Inches (50 mm)
- Frame Style:** Specify 2220 For Channel Frame
Specify 2225 For Flange Frame
- Frame Thickness:** 0.062" 6063-T5 Extruded Aluminium
- Blade Thickness:** 0.062" 6063-T5 Extruded Aluminium
- Blade Centres:** 3 Inches (76 mm)
- Blade Angle:** 45 Degrees
- Minimum Height:** 6 Inches (152 mm)
- Maximum Panel Width:** 72 Inches (1828 mm)
- Maximum Panel Height:** 72 Inches (1828 mm)
- Standard Finish:** Mill
- Standard Birdscreen:** 1/2" x 1/2" Galvanized
- Free Area of 48" x 48" Unit:** 7.22 Sq. ft. Free Area
0.671 m2
- Free Area Percentage:** 45.1 Percent

AVAILABLE ACCESSORIES

- Bird Screen:** 1/4 x 1/4 Inter Crimped Aluminium
1/2 x 1/2 Inter Crimped Aluminium
- Insect Screen:** 18 x 14 Mesh
- Finish:** Mill Finish (Standard)
Paint Color #: V
- Anodized Finish:** Clear Light Bronze
Medium Bronze Dark Bronze
- Accessories:** Aluminium Blank Off Panel
1" or 2" Insulated Blank Off Panel
Hinged Frame
All Welded Construction
Hinged Frame and Access Door
Security Bars
Extended Sills
Extended Sleeves
Filter Racks
Custom Geometric Shapes

*Louver will be manufactured 1/4" smaller than given opening dimensions, unless otherwise specified.



Model 2220 and 2225
2" Extruded Aluminium Stormproof Louver
Free Area in Square Feet

Inches	WIDTH IN INCHES															
	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
H 12	0.29	0.40	0.50	0.61	0.72	0.82	0.93	1.04	1.15	1.25	1.36	1.47	1.57	1.68	1.79	1.90
H 16	0.43	0.59	0.75	0.91	1.07	1.23	1.39	1.55	1.71	1.87	2.03	2.20	2.36	2.52	2.68	2.84
H 20	0.61	0.84	1.07	1.30	1.53	1.76	1.99	2.21	2.44	2.67	2.90	3.13	3.36	3.59	3.81	4.04
H 24	0.75	1.03	1.31	1.58	1.86	2.14	2.42	2.70	2.98	3.25	3.53	3.81	4.09	4.37	4.65	4.93
E 28	0.90	1.23	1.56	1.90	2.23	2.56	2.90	3.23	3.56	3.90	4.23	4.56	4.90	5.23	5.56	5.90
E 32	1.05	1.45	1.84	2.23	2.63	3.02	3.41	3.80	4.20	4.59	4.98	5.37	5.77	6.16	6.55	6.94
I 36	1.21	1.66	2.11	2.56	3.01	3.46	3.91	4.36	4.81	5.26	5.71	6.16	6.61	7.06	7.51	7.96
I 40	1.35	1.86	2.36	2.87	3.37	3.88	4.38	4.88	5.39	5.89	6.40	6.90	7.40	7.91	8.41	8.92
G 44	1.52	2.08	2.64	3.21	3.77	4.33	4.90	5.46	6.02	6.59	7.15	7.72	8.28	8.84	9.41	9.97
G 48	1.66	2.28	2.90	3.51	4.13	4.75	5.37	5.98	6.60	7.22	7.84	8.45	9.07	9.69	10.31	10.93
H 52	1.82	2.49	3.17	3.84	4.52	5.19	5.87	6.54	7.22	7.89	8.57	9.24	9.92	10.59	11.27	11.95
H 56	1.98	2.71	3.45	4.18	4.92	5.66	6.39	7.13	7.86	8.60	9.34	10.07	10.81	11.54	12.28	13.01
T 60	2.13	2.92	3.72	4.51	5.30	6.09	6.89	7.68	8.47	9.26	10.06	10.85	11.64	12.43	13.23	14.02
T 64	2.28	3.12	3.97	4.81	5.66	6.51	7.35	8.20	9.05	9.89	10.74	11.59	12.43	13.28	14.13	14.97
T 68	2.44	3.34	4.25	5.15	6.06	6.97	7.87	8.78	9.68	10.59	11.50	12.40	13.31	14.22	15.12	16.03
T 72	2.59	3.55	4.52	5.48	6.44	7.41	8.37	9.33	10.30	11.26	12.22	13.19	14.15	15.11	16.08	17.04

Model 2220 and 2225
2" Extruded Aluminium Stormproof Louver
Percentage Of Free Area

	WIDTH IN INCHES															
	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
H 12	28.8%	29.6%	30.1%	30.5%	30.7%	30.9%	31.0%	31.2%	31.2%	31.3%	31.4%	31.4%	31.5%	31.5%	31.6%	31.6%
H 16	32.3%	33.3%	33.8%	34.2%	34.5%	34.7%	34.8%	35.0%	35.1%	35.1%	35.2%	35.3%	35.3%	35.4%	35.4%	35.5%
H 20	36.9%	37.9%	38.6%	39.0%	39.3%	39.5%	39.7%	39.8%	40.0%	40.1%	40.1%	40.2%	40.3%	40.3%	40.4%	40.4%
H 24	37.4%	38.5%	39.2%	39.6%	39.9%	40.1%	40.3%	40.5%	40.6%	40.7%	40.8%	40.8%	40.9%	41.0%	41.0%	41.0%
E 28	38.4%	39.5%	40.2%	40.6%	40.9%	41.2%	41.4%	41.5%	41.6%	41.7%	41.8%	41.9%	42.0%	42.0%	42.1%	42.1%
E 32	39.6%	40.7%	41.4%	41.9%	42.2%	42.4%	42.6%	42.8%	42.9%	43.0%	43.1%	43.2%	43.2%	43.3%	43.4%	43.4%
I 36	40.3%	41.5%	42.2%	42.6%	43.0%	43.2%	43.4%	43.6%	43.7%	43.8%	43.9%	44.0%	44.0%	44.1%	44.2%	44.2%
I 40	40.6%	41.8%	42.5%	43.0%	43.3%	43.6%	43.8%	44.0%	44.1%	44.2%	44.3%	44.4%	44.4%	44.5%	44.5%	44.6%
G 44	41.3%	42.5%	43.2%	43.7%	44.1%	44.3%	44.5%	44.7%	44.8%	44.9%	45.0%	45.1%	45.2%	45.2%	45.3%	45.3%
G 48	41.5%	42.7%	43.4%	43.9%	44.3%	44.5%	44.7%	44.9%	45.0%	45.1%	45.2%	45.3%	45.4%	45.4%	45.5%	45.5%
H 52	41.9%	43.1%	43.8%	44.3%	44.7%	44.9%	45.1%	45.3%	45.4%	45.5%	45.6%	45.7%	45.8%	45.8%	45.9%	45.9%
H 56	42.4%	43.6%	44.3%	44.8%	45.2%	45.5%	45.7%	45.8%	46.0%	46.1%	46.2%	46.2%	46.3%	46.4%	46.4%	46.5%
T 60	42.6%	43.8%	44.6%	45.1%	45.4%	45.7%	45.9%	46.1%	46.2%	46.3%	46.4%	46.5%	46.6%	46.6%	46.7%	46.7%
T 64	42.7%	43.9%	44.6%	45.1%	45.5%	45.8%	46.0%	46.1%	46.3%	46.4%	46.5%	46.6%	46.6%	46.7%	46.7%	46.8%
T 68	43.0%	44.2%	45.0%	45.5%	45.8%	46.1%	46.3%	46.5%	46.6%	46.7%	46.8%	46.9%	47.0%	47.0%	47.1%	47.1%
T 72	43.2%	44.4%	45.2%	45.7%	46.0%	46.3%	46.5%	46.7%	46.8%	46.9%	47.0%	47.1%	47.2%	47.2%	47.3%	47.3%

Maximum Recommended Intake CFM
Maximum Intake Velocity 400 FPM

	WIDTH IN INCHES															
	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
H 12	115	158	201	244	287	330	373	415	458	501	544	587	630	673	716	758
H 16	172	237	301	365	429	493	557	622	686	750	814	878	942	1006	1071	1135
H 20	246	337	428	520	611	703	794	886	977	1068	1160	1251	1343	1434	1525	1617
H 24	299	411	522	634	745	856	968	1079	1191	1302	1413	1525	1636	1748	1859	1970
E 28	358	492	625	758	892	1025	1158	1292	1425	1558	1692	1825	1958	2092	2225	2358
E 32	422	579	736	893	1050	1207	1364	1521	1678	1835	1992	2149	2306	2463	2620	2777
I 36	484	663	843	1023	1203	1383	1563	1743	1923	2103	2283	2463	2643	2823	3002	3182
I 40	542	744	945	1147	1349	1550	1752	1954	2155	2357	2559	2760	2962	3164	3365	3567
G 44	606	831	1057	1282	1508	1733	1959	2184	2410	2635	2861	3086	3312	3537	3763	3988
G 48	664	911	1158	1405	1652	1899	2146	2394	2641	2888	3135	3382	3629	3876	4123	4370
H 52	726	996	1266	1536	1807	2077	2347	2617	2887	3157	3427	3698	3968	4238	4508	4778
H 56	791	1085	1380	1674	1968	2263	2557	2851	3146	3440	3734	4029	4323	4617	4912	5206
T 60	852	1169	1486	1803	2120	2437	2754	3071	3388	3705	4023	4340	4657	4974	5291	5608
T 64	910	1249	1587	1926	2265	2603	2942	3281	3619	3958	4296	4635	4974	5312	5651	5990
T 68	974	1337	1699	2062	2424	2786	3149	3511	3874	4236	4599	4961	5324	5686	6049	6411
T 72	1036	1421	1807	2192	2577	2963	3348	3733	4119	4504	4890	5275	5660	6046	6431	6817

Recommended Specification

Furnish and install stationary louver models 2220 / 2225 as manufactured by Ventex, Bolton Ontario. Louvers shall be 2 inches (50.8 mm) deep. Blades shall be 0.062 Inches (1.57 mm), frame shall be 0.062 (1.57 mm) extruded aluminium, alloy 6063-T5.

Louvers shall have a 19 gauge galvanized 1/2 x 1/2 birdscreen. All materials shall be factory finished after assembly with Polyester Baking Enamel in a color selected from the Ventex Color Chart.