



**STEELCOM**

**LOUVERS - DATASHEET**

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**GALVANIZED ADJUSTABLE LOUVERS**

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# GALVANIZED ADJUSTABLE LOUVERS

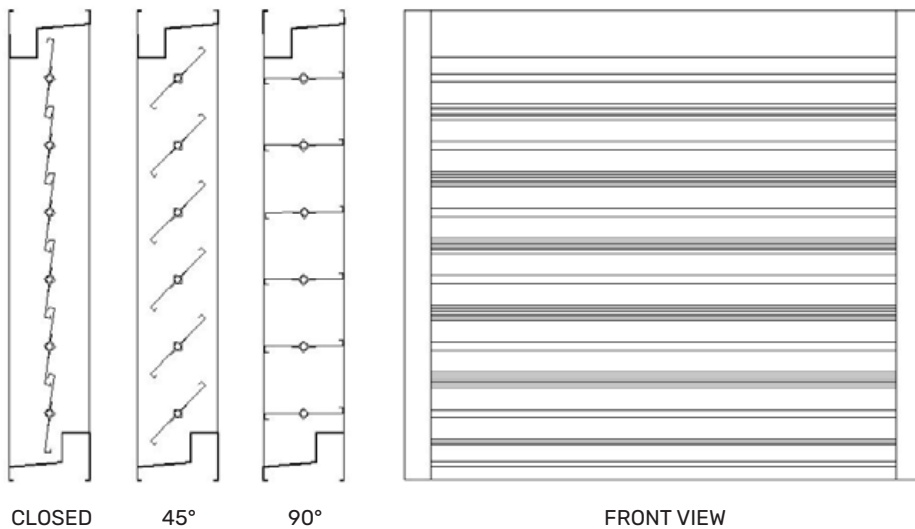
## SYSTEM DESCRIPTION

The adjustable louver allows you to control the amount of air entering the building by allowing you to adjust the angle of its slats. Made of galvanized sheet, galvalume, pinto, kynar, or stainless steel with galvanized hardware. Additionally, it can be manufactured with mosquito net or aviary for added protection, as well as allowing the placement of filters to control the entry of dust.

## QUALITIES

- Custom made according to the project.
- Thickness of 4" or 6".
- Perimeter moldings designed according to the type of wall.
- Made of galvanized sheet, galvalume pinto, kynar cal. 22
- Optionally it can be manufactured in natural aluminum or stainless steel cal. 18.
- Quick and easy installation on site.
- Light and durable.

## DESIGN



# GALVANIZED ADJUSTABLE LOUVERS

## TECHNICAL INFORMATION

EFFECTIVE AREA (ft 2 to 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.14	0.25	0.37	0.48	0.60	0.71	0.83	0.94	1.06
18	0.28	0.51	0.74	0.97	1.20	1.43	1.66	1.89	2.12
24	0.42	0.76	1.11	1.45	1.80	2.14	2.48	2.83	3.17
30	0.70	1.27	1.84	2.42	2.99	3.57	4.14	4.72	5.29
36	0.84	1.52	2.21	2.90	3.59	4.28	4.97	5.66	6.35
42	0.97	1.78	2.58	3.39	4.19	4.99	5.80	6.60	7.41
48	1.11	2.03	2.95	3.87	4.79	5.71	6.63	7.54	8.46
54	1.25	2.29	3.32	4.35	5.39	6.42	7.45	8.49	9.52
60	1.53	2.79	4.06	5.32	6.58	7.85	9.11	10.37	11.64

EFFECTIVE AREA (ft 2 to 90° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.14	0.25	0.37	0.48	0.60	0.71	0.83	0.94	1.06
18	0.37	0.67	0.97	1.28	1.58	1.89	2.19	2.49	2.80
24	0.60	1.09	1.58	2.07	2.57	3.06	3.55	4.04	4.53
30	1.05	1.92	2.79	3.66	4.53	5.40	6.27	7.14	8.01
36	1.28	2.34	3.40	4.46	5.52	6.57	7.63	8.69	9.75
42	1.51	2.76	4.01	5.25	6.50	7.75	8.99	10.24	11.49
48	1.74	3.18	4.61	6.05	7.48	8.92	10.35	11.79	13.22
54	1.97	3.59	5.22	6.84	8.47	10.09	11.71	13.34	14.96
60	2.43	4.43	6.43	8.43	10.43	12.43	14.43	16.44	18.44



# GALVANIZED ADJUSTABLE LOUVERS

## TECHNICAL INFORMATION

AIR FLOW (CFM at 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	155.12	277.00	409.96	531.84	664.80	786.68	919.64	1,041.52	1,174.48
18	310.24	565.08	819.92	1,074.76	1,329.60	1,584.44	1,839.28	2,094.12	2,348.96
24	465.36	842.08	1,229.88	1,606.60	1,994.40	2,371.12	2,747.84	3,135.64	3,512.36
30	775.60	1,407.16	2,038.72	2,681.36	3,312.92	3,955.56	4,587.12	5,229.76	5,861.32
36	930.72	1,684.16	2,448.68	3,213.20	3,977.72	4,742.24	5,506.76	6,271.28	7,035.80
42	1,074.76	1,972.24	2,858.64	3,756.12	4,642.52	5,528.92	6,426.40	7,312.80	8,210.28
48	1,229.88	2,249.24	3,268.60	4,287.96	5,307.32	6,326.68	7,346.04	8,354.32	9,373.68
54	1,385.00	2,537.32	3,678.56	4,819.80	5,972.12	7,113.36	8,254.60	9,406.92	10,548.16
60	1,695.24	3,091.32	4,498.48	5,894.56	7,290.64	8,697.80	10,093.88	11,489.96	12,897.12

\* The first water penetration point is 1108 FPM for a 48 "x 48" type sample with opening at 45 degrees



# RIVETED FIXED LOUVERS

## SYSTEM DESCRIPTION

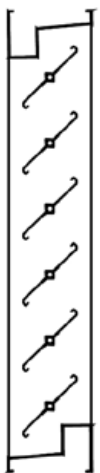
The fixed louver anti-storm system is an excellent option to allow air access to industrial buildings. It is manufactured in galvanized steel, galvalum, pinto, kynar or anodized aluminum. Its size ts the needs of the project. Its installation can be in any type of wall or facade.

Additionally it can be manufactured with aviary or mosquito net for added protection.

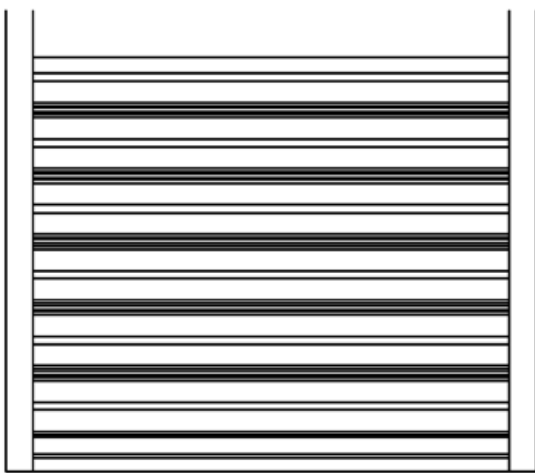
## QUALITIES

- Riveted.
- 4" thick or 6" thick.
- Perimeter ashes designed according to type of wall.
- Made with lime pinto sheet. 22 or anodized aluminum.
- Size according to customer needs.
- Fast eld installation.
- Light.
- Durable.
- Anti-storm design.

## DESIGN



PROFILE



FRONT VIEW



# RIVETED FIXED LOUVERS

## TECHNICAL INFORMATION

EFFECTIVE AREA IN MODEL R4 (ft 2 to 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.17	0.29	0.41	0.53	0.65	0.76	0.88	1.01	1.12
18	0.35	0.58	0.82	1.06	1.29	1.53	1.77	2.03	2.24
24	0.52	0.88	1.23	1.59	1.94	2.29	2.65	3.01	3.36
30	0.70	1.17	1.64	2.11	2.59	3.06	3.53	4.02	4.48
36	1.05	1.75	2.46	3.17	3.88	4.59	5.30	6.01	6.71
42	1.22	2.05	2.87	3.70	4.53	5.35	6.18	7.01	7.83
48	1.39	2.34	3.28	4.23	5.17	6.12	7.06	8.02	8.95
54	1.74	2.92	4.10	5.29	6.47	7.65	8.83	10.01	11.19
60	1.92	3.22	4.51	5.81	7.11	8.41	9.71	11.01	12.31

AIR FLOW IN MODEL R4 (CFM at 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	167.62	285.94	404.26	522.58	640.90	749.36	867.68	995.86	1,104.32
18	345.10	571.88	808.52	1,045.16	1,271.94	1,508.58	1,745.22	2,001.58	2,208.64
24	512.72	867.68	1,212.78	1,567.74	1,912.84	2,257.94	2,612.90	2,967.86	3,312.96
30	690.20	1,153.62	1,617.04	2,080.46	2,553.74	3,017.16	3,480.58	3,963.72	4,417.28
36	1,035.30	1,725.50	2,425.56	3,125.62	3,825.68	4,525.74	5,225.80	5,925.86	6,616.06
42	1,202.92	2,021.30	2,829.82	3,648.20	4,466.58	5,275.10	6,093.48	6,911.86	7,720.38
48	1,370.54	2,307.24	3,234.08	4,170.78	5,097.62	6,034.32	6,961.16	7,907.72	8,824.70
54	1,715.64	2,879.12	4,042.60	5,215.94	6,379.42	7,542.90	8,706.38	9,869.86	11,033.34
60	1,893.12	3,174.92	4,446.86	5,728.66	7,010.46	8,292.26	9,574.06	10,855.86	12,137.66

\* The rst water penetration point is 986 FPM for a 48 "x 48" type sample.



# RIVETED FIXED LOUVERS

## TECHNICAL INFORMATION

EFFECTIVE AREA IN MODEL R6 (ft 2 to 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.17	0.29	0.41	0.52	0.64	0.76	0.87	0.99	1.11
18	0.21	0.36	0.50	0.64	0.78	0.93	1.07	1.21	1.35
24	0.42	0.71	1.00	1.28	1.57	1.85	2.14	2.42	2.71
30	0.64	1.07	1.49	1.92	2.35	2.78	3.21	3.63	4.06
36	0.85	1.42	1.99	2.56	3.13	3.70	4.27	4.85	5.42
42	1.06	1.78	2.49	3.20	3.92	4.63	5.34	6.06	6.77
48	1.27	2.13	2.99	3.84	4.70	5.56	6.41	7.27	8.12
54	1.49	2.49	3.48	4.48	5.48	6.48	7.48	8.48	9.48
60	1.70	2.84	3.98	5.12	6.27	7.41	8.55	9.69	10.83

AIR FLOW IN MODEL R6 (CFM at 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	173.74	296.38	419.02	531.44	654.08	776.72	889.14	1,011.78	1,134.42
18	214.62	367.92	511.00	654.08	797.16	950.46	1,093.54	1,236.62	1,379.70
24	429.24	725.62	1,022.00	1,308.16	1,604.54	1,890.70	2,187.08	2,473.24	2,769.62
30	654.08	1,093.54	1,522.78	1,962.24	2,401.70	2,841.16	3,280.62	3,709.86	4,149.32
36	868.70	1,451.24	2,033.78	2,616.32	3,198.86	3,781.40	4,363.94	4,956.70	5,539.24
42	1,083.32	1,819.16	2,544.78	3,270.40	4,006.24	4,731.86	5,457.48	6,193.32	6,918.94
48	1,297.94	2,176.86	3,055.78	3,924.48	4,803.40	5,682.32	6,551.02	7,429.94	8,298.64
54	1,522.78	2,544.78	3,556.56	4,578.56	5,600.56	6,622.56	7,644.56	8,666.56	9,688.56
60	1,737.40	2,902.48	4,067.56	5,232.64	6,407.94	7,573.02	8,738.10	9,903.18	11,068.26

\* The first water penetration point is 1022 FPM for a 48 "x 48" sample.





# WELDED FIXED LOUVERS

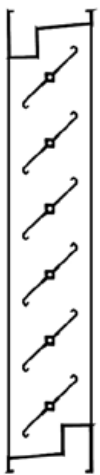
## SYSTEM DESCRIPTION

The adjustable louver allows you to control the amount of air entering the building by allowing you to adjust the angle of its slats. Made of galvanized sheet, galvalume, pinto, kynar, or stainless steel with galvanized hardware. Additionally, it can be manufactured with mosquito net or aviary for added protection, as well as allowing the placement of filters to control the entry of dust.

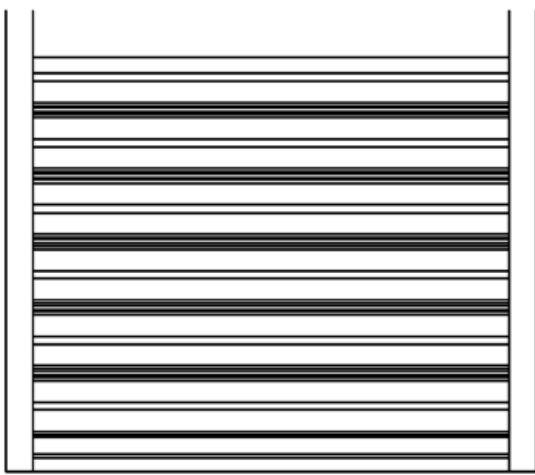
## QUALITIES

- Custom made according to the project.
- Thickness of 4 "or 6".
- Perimeter moldings designed according to the type of wall.
- Made of galvanized sheet, galvalume pinto, kynar cal. 22
- Optionally it can be manufactured in natural aluminum or stainless steel cal. 18.
- Quick and easy installation on site.
- Light and durable.

## DESIGN



PROFILE



FRONT VIEW



# WELDED FIXED LOUVERS

## TECHNICAL INFORMATION

EFFECTIVE AREA IN MODEL W4 (ft 2 to 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.17	0.29	0.41	0.53	0.65	0.76	0.88	1.01	1.12
18	0.35	0.58	0.82	1.06	1.29	1.53	1.77	2.03	2.24
24	0.52	0.88	1.23	1.59	1.94	2.29	2.65	3.01	3.36
30	0.70	1.17	1.64	2.11	2.59	3.06	3.53	4.02	4.48
36	1.05	1.75	2.46	3.17	3.88	4.59	5.30	6.01	6.71
42	1.22	2.05	2.87	3.70	4.53	5.35	6.18	7.01	7.83
48	1.39	2.34	3.28	4.23	5.17	6.12	7.06	8.02	8.95
54	1.74	2.92	4.10	5.29	6.47	7.65	8.83	10.01	11.19
60	1.92	3.22	4.51	5.81	7.11	8.41	9.71	11.01	12.31

AIR FLOW IN MODEL W4 (CFM at 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	167.62	285.94	404.26	522.58	640.90	749.36	867.68	995.86	1,104.32
18	345.10	571.88	808.52	1,045.16	1,271.94	1,508.58	1,745.22	2,001.58	2,208.64
24	512.72	867.68	1,212.78	1,567.74	1,912.84	2,257.94	2,612.90	2,967.86	3,312.96
30	690.20	1,153.62	1,617.04	2,080.46	2,553.74	3,017.16	3,480.58	3,963.72	4,417.28
36	1,035.30	1,725.50	2,425.56	3,125.62	3,825.68	4,525.74	5,225.80	5,925.86	6,616.06
42	1,202.92	2,021.30	2,829.82	3,648.20	4,466.58	5,275.10	6,093.48	6,911.86	7,720.38
48	1,370.54	2,307.24	3,234.08	4,170.78	5,097.62	6,034.32	6,961.16	7,907.72	8,824.70
54	1,715.64	2,879.12	4,042.60	5,215.94	6,379.42	7,542.90	8,706.38	9,869.86	11,033.34
60	1,893.12	3,174.92	4,446.86	5,728.66	7,010.46	8,292.26	9,574.06	10,855.86	12,137.66

\* The rst water penetration point is 986 FPM for a 48 "x 48" type sample.



# WELDED FIXED LOUVERS

## TECHNICAL INFORMATION

EFFECTIVE AREA IN MODEL W6 (ft 2 to 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	0.17	0.29	0.41	0.52	0.64	0.76	0.87	0.99	1.11
18	0.21	0.36	0.50	0.64	0.78	0.93	1.07	1.21	1.35
24	0.42	0.71	1.00	1.28	1.57	1.85	2.14	2.42	2.71
30	0.64	1.07	1.49	1.92	2.35	2.78	3.21	3.63	4.06
36	0.85	1.42	1.99	2.56	3.13	3.70	4.27	4.85	5.42
42	1.06	1.78	2.49	3.20	3.92	4.63	5.34	6.06	6.77
48	1.27	2.13	2.99	3.84	4.70	5.56	6.41	7.27	8.12
54	1.49	2.49	3.48	4.48	5.48	6.48	7.48	8.48	9.48
60	1.70	2.84	3.98	5.12	6.27	7.41	8.55	9.69	10.83

AIR FLOW IN MODEL W6 (CFM at 45° opening)									
	Height (in)								
Width (in)	12	18	24	30	36	42	48	54	60
12	173.74	296.38	419.02	531.44	654.08	776.72	889.14	1,011.78	1,134.42
18	214.62	367.92	511.00	654.08	797.16	950.46	1,093.54	1,236.62	1,379.70
24	429.24	725.62	1,022.00	1,308.16	1,604.54	1,890.70	2,187.08	2,473.24	2,769.62
30	654.08	1,093.54	1,522.78	1,962.24	2,401.70	2,841.16	3,280.62	3,709.86	4,149.32
36	868.70	1,451.24	2,033.78	2,616.32	3,198.86	3,781.40	4,363.94	4,956.70	5,539.24
42	1,083.32	1,819.16	2,544.78	3,270.40	4,006.24	4,731.86	5,457.48	6,193.32	6,918.94
48	1,297.94	2,176.86	3,055.78	3,924.48	4,803.40	5,682.32	6,551.02	7,429.94	8,298.64
54	1,522.78	2,544.78	3,556.56	4,578.56	5,600.56	6,622.56	7,644.56	8,666.56	9,688.56
60	1,737.40	2,902.48	4,067.56	5,232.64	6,407.94	7,573.02	8,738.10	9,903.18	11,068.26

\* The first water penetration point is 1022 FPM for a 48 "x 48" sample.

