

HL636D MODEL

ALUMINUM STATIONARY LOUVER 6" FRAME, 36.5° FIXED DRAINABLE BLADES, AND 4" SPACING

- Its drainable blades with placement separation at an angle of 36.5° reducing the penetration of water of rain and contribution of at least 63% of free area.
- Rainwater is drained by the blades towards the top down from the Louver, through the vertical channels, discharging it out through the lower horizontal channel
- By achieving the removal of more water from the air stream, drainable louvers have higher air handling capacity than non-drainable louvers, under rainy conditions.



ASSEMBLY: With union cover.

Size: Module/ Louver in one piece.

Minimum size: 12" horizontal X 12" vertical.

Anodized maximum size: 72" horizontal X 72" vertical.

Maximum size painted: 72" horizontal X 72" vertical.

*Note:

-Horizontal measurements from 61" to 72" will be supplied with reinforcements intermediates.

-Measures larger than those described will be sectioned into module and assembled with union or connection caps.

These union covers only serve to facilitate the assembly of the louvers modulated, but they do not generate rigidity or support for the union between the modules.

CONSTRUCTION: Extruded aluminum drainable frame and blades in alloy 6063-T5, Corrosion resistant with 1.6mm OD thickness.

FINISH:

-Natural anodized as standard.

-Electrostatic acrylic enamel paint, oven dried color: White Dover.

-Variety of colors on special orders.

*Special colors will have another cost and delivery time.

PERFORMANCE: The maximum recommended air velocity at through the free area is 1250 ft/min, with a pressure drop of 0.25 inH₂O, over a 48"x48" louver.

OPTIONAL ACCESSORIES:

-Mosquito mesh (prevents the entry of insects)

-Aviary mesh (prevents the entry of fauna)

-Metallic filter (Washable)

-Cardboard filter (Disposable)

-Perimeter frame (MCP).

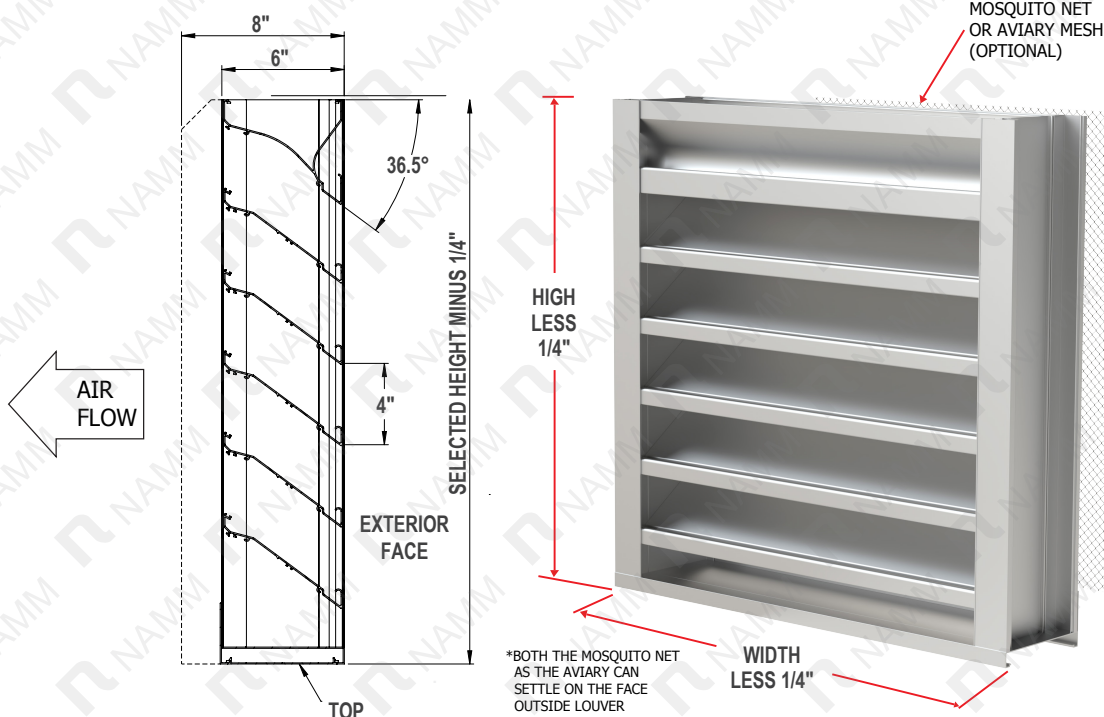
Dimentional Data



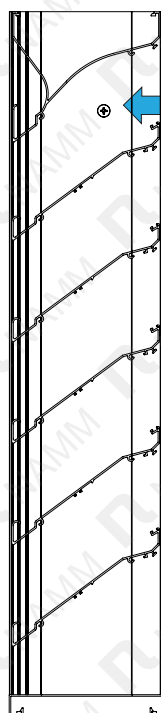
"Group NAMM S.A. de C.V. certifies that the Aluminum stationary louver model HL636D shown is licensed to bear the AMCA Seal.

The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

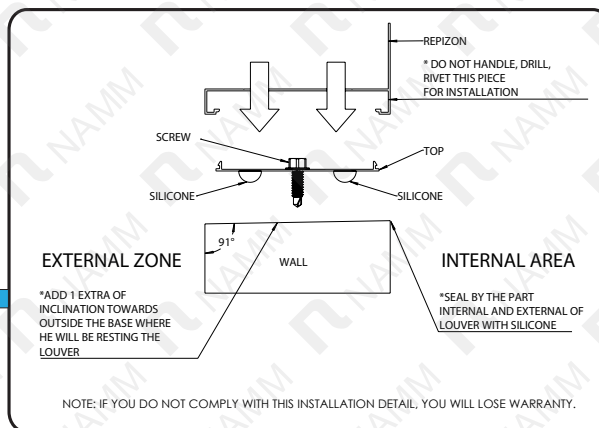
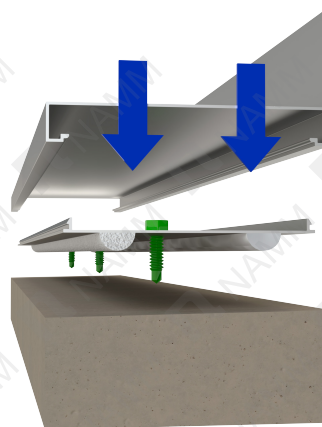
The AMCA Certified Ratings Seal applies to water penetration and air performance ratings only".



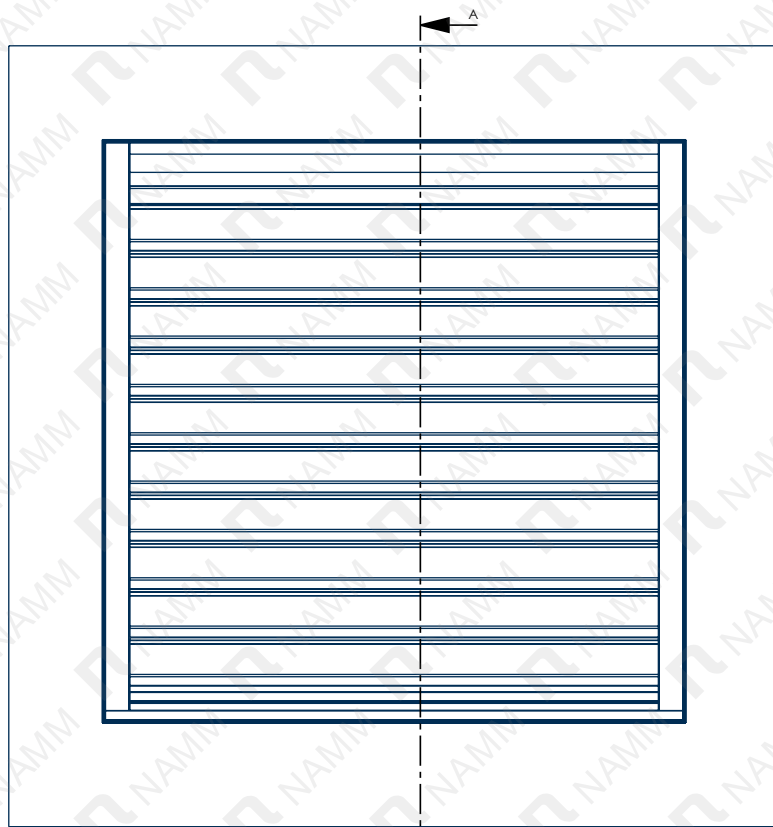
SUGGESTED WALL INSTALLATION



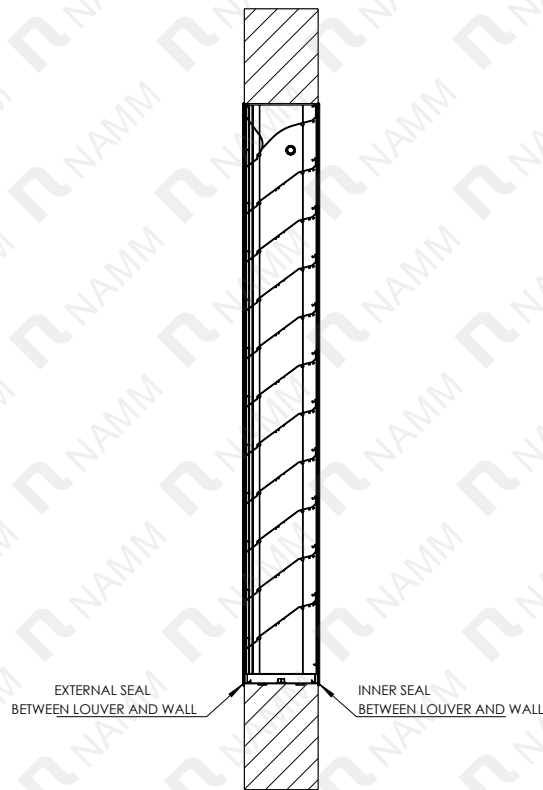
**Screw to fix
To the wall** * Supplied
By others



SEAL



FRONT VIEW



SECTION VIEW
A-A



SEAL INSTALLATION

EXTERIOR WALL

SEAL AROUND
THE PERIMETER

EXTERNAL VIEW

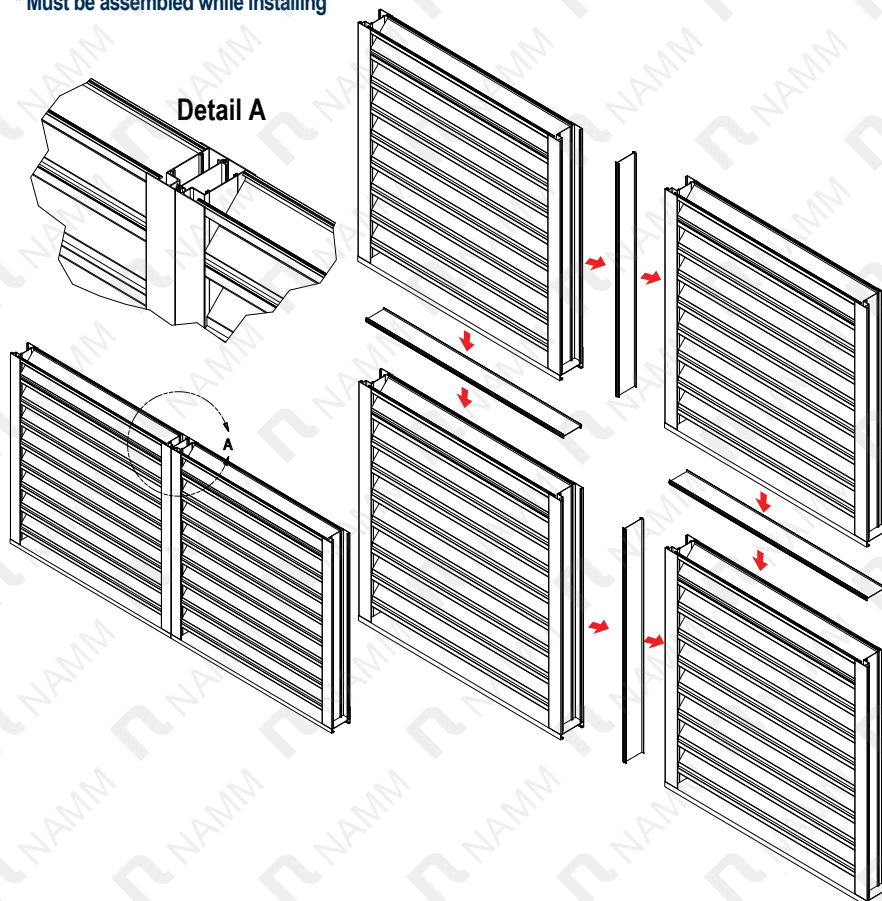
INTERIOR WALL

SEAL AROUND
THE PERIMETER

INTERNAL VIEW

ASSEMBLED WITH UNION COVER

- * They are supplied only when the measurements exceed the maximum size of a one piece
- * Must be assembled while installing



New

NAMM SEAL OF AUTHENTICITY

- * Mark (N) in high relief located on blade #1 next to base
- * Certify that the product you buy is original
- * Guarantees the benefits tested by international laboratories



NAMM grupo namm, s.a. de c.v.

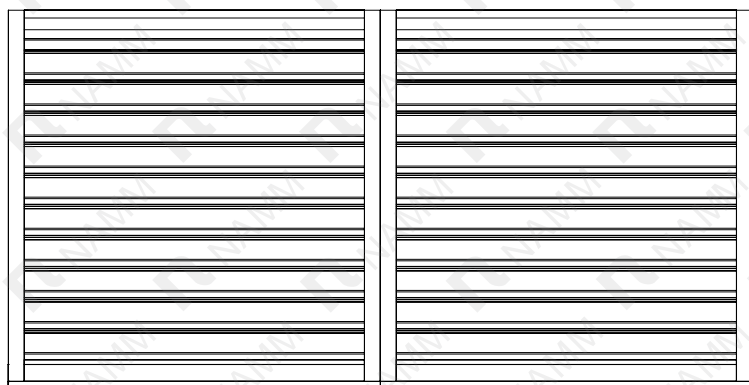
mty, nl (81) 1292 4019

cdmx (55) 5264 2606

www.namm.com.mx
"HL636D-June-2023"

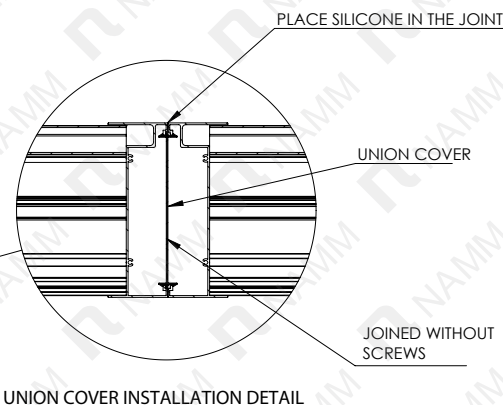
A200623

HORIZONTAL MODULE ASSEMBLY



DETAIL OF INSTALLATION OF MULTIPLE MODULES

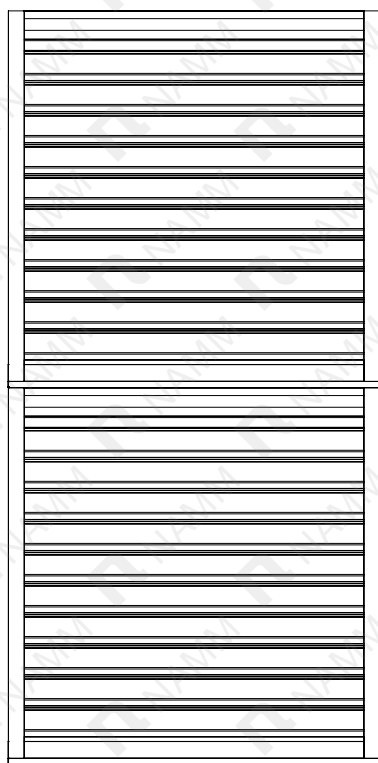
NOTE:
THE UNION CAPS ARE ONLY SERVED TO FACILITATE THE ASSEMBLY OF
THE MODULATED LOUVERS, BUT DO NOT GENERATE RIGIDITY OR
SUPPORT FOR THE UNION BETWEEN THE MODULES.



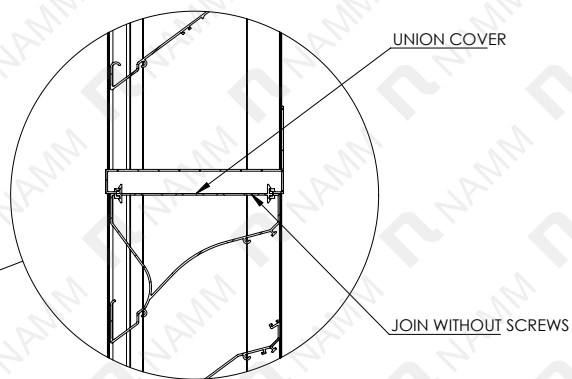
UNION COVER INSTALLATION DETAIL

HL636D MODEL

VERTICAL MODULE ASSEMBLY



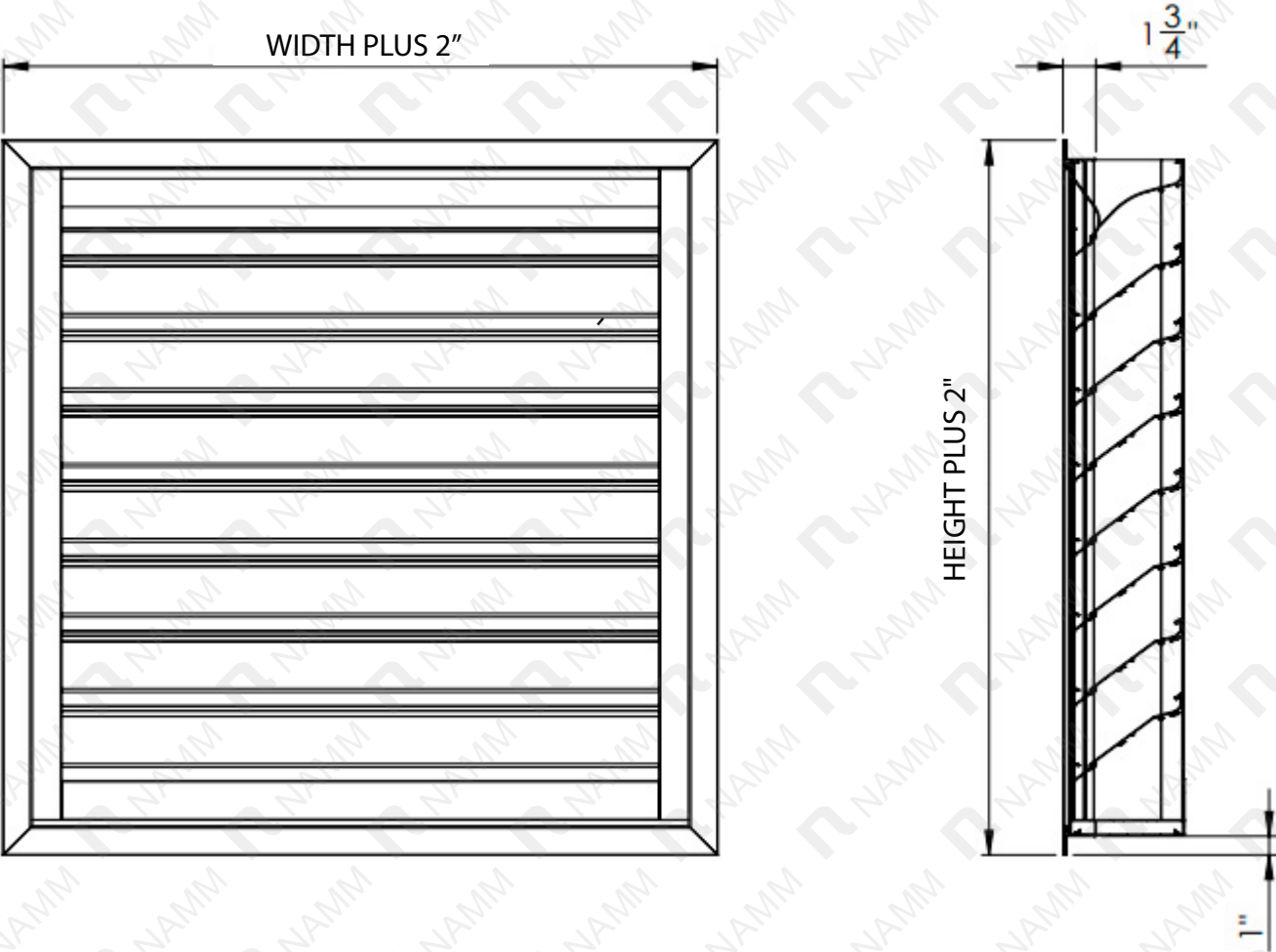
DETAIL OF INSTALLATION OF MULTIPLE MODULES



UNION COVER INSTALLATION DETAIL

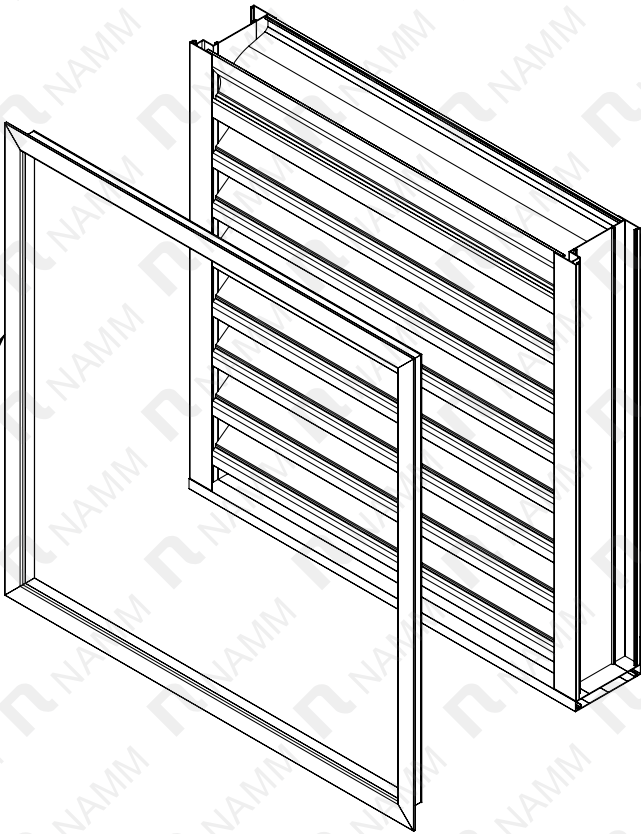
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PERIMETER FRAME (optional accessory)



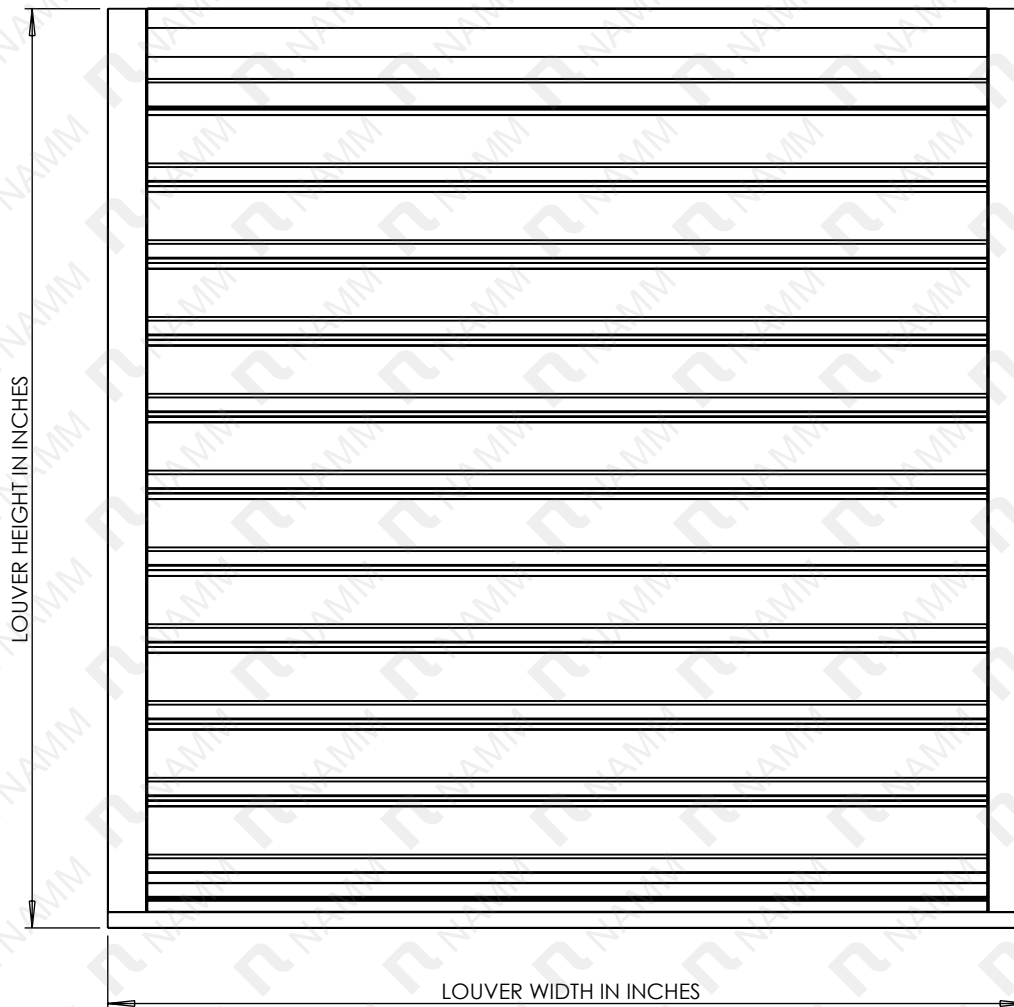
PERIMETER FRAME (OPTIONAL)
TO PREVENT ENTRY
RAINWATER.

SEE INSTALLATION IN SHEET
MPI MODEL TECHNIQUE.



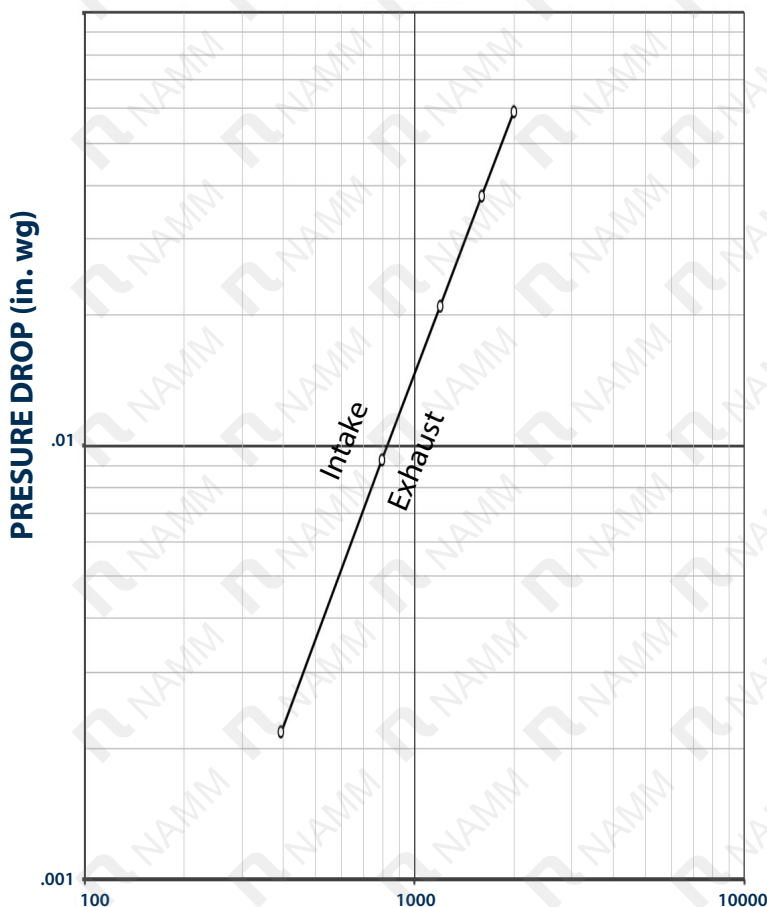
FREE AREA OF STATIONARY BLADE LOUVER FIXED DRAINABLE HL636D MODEL (IN SQUARE FOOT)

		LOUVER WIDTH IN INCHES														
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
LOUVER HEIGHT IN INCHES	12	0.16	0.28	0.40	0.52	0.64	0.76	0.88	1.00	1.12	1.24	1.36	1.48	1.60	1.72	1.84
	24	0.61	1.09	1.57	2.04	2.52	2.99	3.47	3.94	4.42	4.90	5.37	5.85	6.32	6.80	7.28
	36	1.07	1.91	2.74	3.57	4.40	5.23	6.06	6.89	7.73	8.56	9.39	10.22	11.05	11.88	12.72
	48	1.53	2.72	3.91	5.10	6.28	7.47	8.66	9.84	11.03	12.22	13.41	14.59	15.78	16.97	18.16
	60	1.99	3.54	5.08	6.62	8.17	9.71	11.25	12.79	14.34	15.88	17.42	18.97	20.51	22.05	23.60
	72	2.45	4.35	6.25	8.15	10.05	11.95	13.85	15.74	17.64	19.54	21.44	23.34	25.24	27.14	29.04
	84	2.91	5.17	7.42	9.68	11.93	14.18	16.44	18.69	20.95	23.20	25.46	27.71	29.97	32.22	34.48
	96	3.37	5.98	8.59	11.20	13.81	16.42	19.03	21.64	24.25	26.86	29.47	32.08	34.69	37.30	39.92
	108	3.83	6.80	9.76	12.73	15.70	18.66	21.63	24.59	27.56	30.53	33.49	36.46	39.42	42.39	45.36
	120	4.29	7.61	10.93	14.26	17.58	20.90	24.22	27.54	30.86	34.19	37.51	40.83	44.15	47.47	50.80
	132	4.75	8.43	12.11	15.78	19.46	23.14	26.82	30.49	34.17	37.85	41.53	45.20	48.88	52.56	56.24
	144	5.21	9.24	13.28	17.31	21.34	25.38	29.41	33.44	37.48	41.51	45.54	49.58	53.61	57.64	61.68



AIRFLOW RESISTANCE

- Standard Air 0.075 lb/ft²
- Louver test size 48 in x 48 in



AIR VELOCITY THROUGH FREE AREA (FPM)

Free area velocities (shown) are higher than average velocity through the overall louver size. See louver selection information.

The installation of optional accessories does not warranty the louver performance, will be the same as that obtained in the AMCA tests.

WATER PENETRATION

- Standard Air 0.075 lb/ft²
- Louver test size 48 in x 48 in
- Test duration of 15 min.



FREE AREA VELOCITY (FPM)

Water penetration resistance is a calculation of the amount of water that passes through a louver while subjected to specific airflow conditions. It is expressed as the weight of water passing through the louver divided by the free area at a specified free area velocity. The maximum rating for water penetration velocity is 1250 fpm. The beginning point of water penetration is defined as that air velocity where the water penetration is 0.01 oz. H₂O/sq. ft. (louver free area). The test provides a method for comparing various louver designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

The beginning point of water penetration for Model NAMM HL636D is above 1250 fpm at free area velocity. These results of performance do not guarantee a louver to be weatherproof or stormproof, should be used in combination with factors like good engineering criteria to selecting louvers, environmental conditions, geographic location, and other factors.

