

LOUVER MODEL HL445D

- Drainable Louver
- Fixed blades at 45°
- Frame 4"
- Extruded aluminium
- Anodized finish
- Free area 58%
- Reduces the penetration of rainwater
- With great waterway discharge drain for exterior
- Intermediate posts each 60"



CONSTRUCTION:

100% Extruded Aluminum, Alloy 6063-T5

FINISHED:

Anodized or electrostatic paint colors special order.

PERFORMANCE:

Maximum speed recommended: 1068 ft / min. Pressure drop of 0.175 "Sch. water column. Penetration rainwater is 0.01 ounces per square foot of area free in a test of 15 minutes. Test: square louver 48 "x48"

ACCESSORIES (Optional):

Birds screen
Insects screen
Filter

Dimensional Details

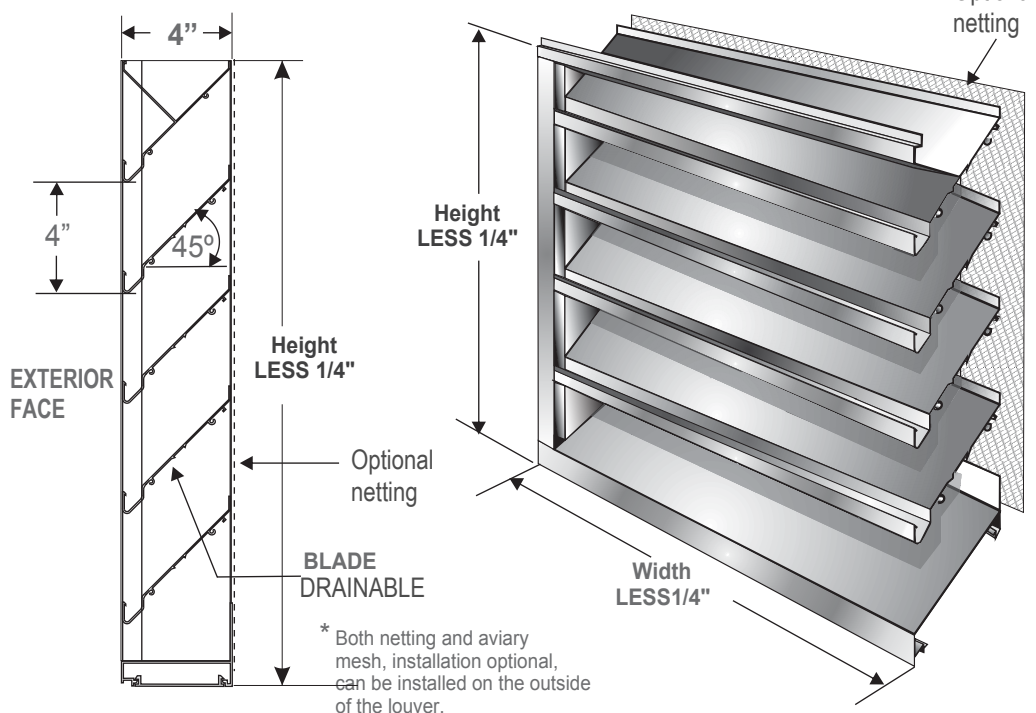
MODEL HL445D



"Grupo Namm S.A. de C.V. certifies that the louver shown herein 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 air performance and wind driven rain ratings only."

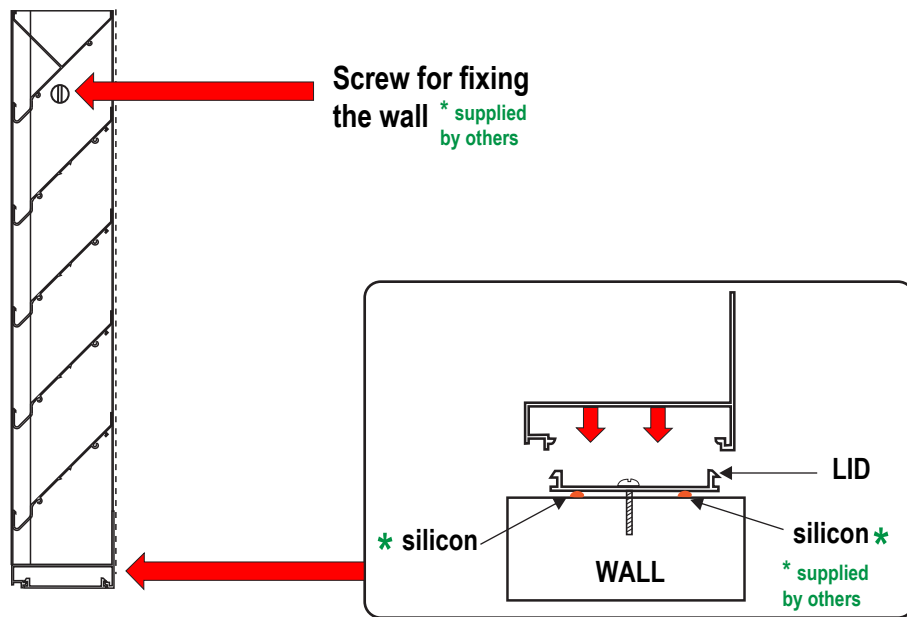


grupo namm, s.a. de c.v.

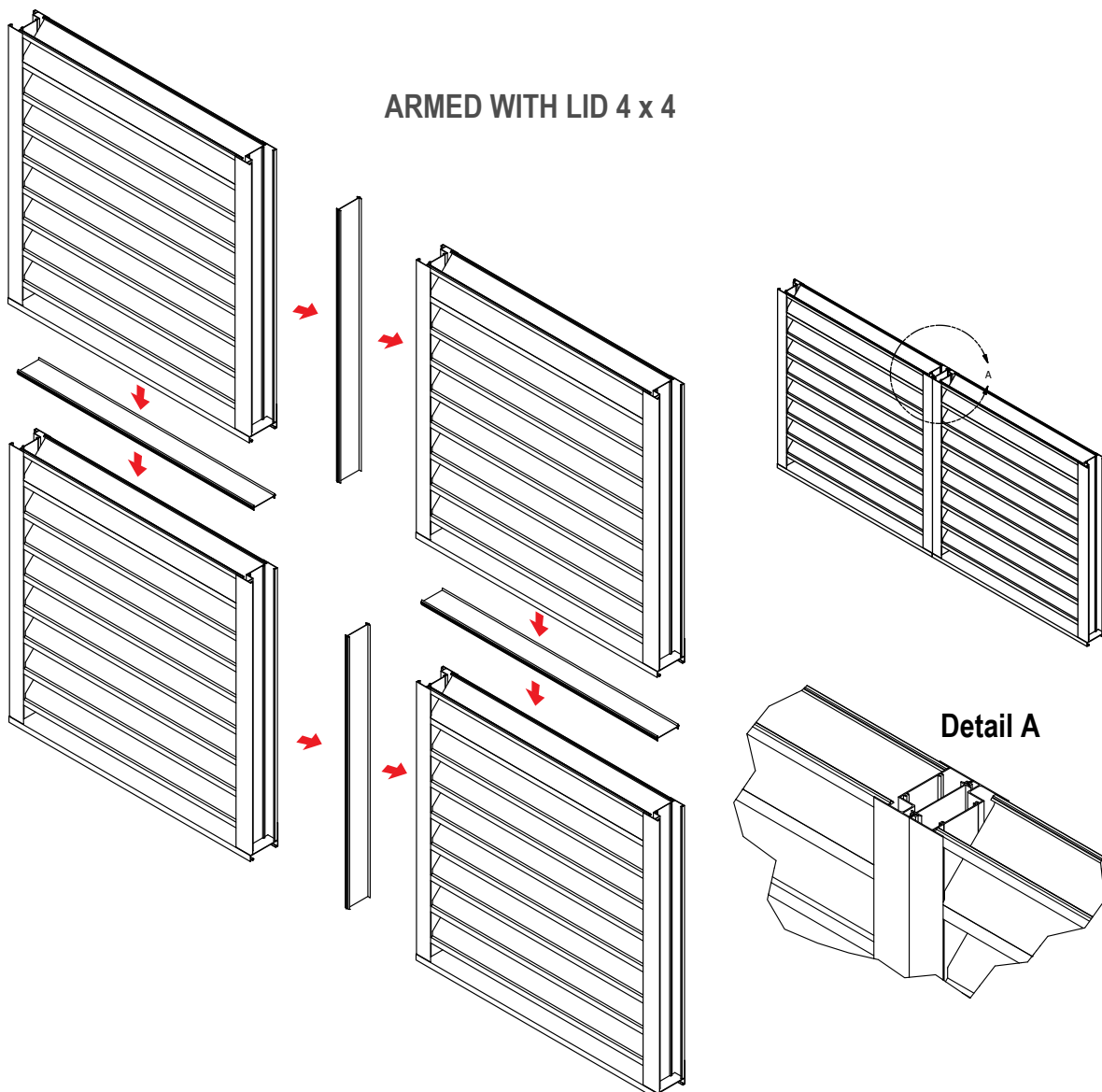
mty, n.l. (81) 1292 4000 mex, d.f. (55) 5264 2606 gdl, jal. (33) 3120 1473 www.namm.com.mx

This catalog is protected by several patents and industrial designs.

PROPER INSTALLATION WALL



ARMED WITH LID 4 x 4



NAMM

mty, n.l. (81) 1292 4000

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

mex, d.f. (55) 5264 2606

gdl, jal. (33) 3120 1473

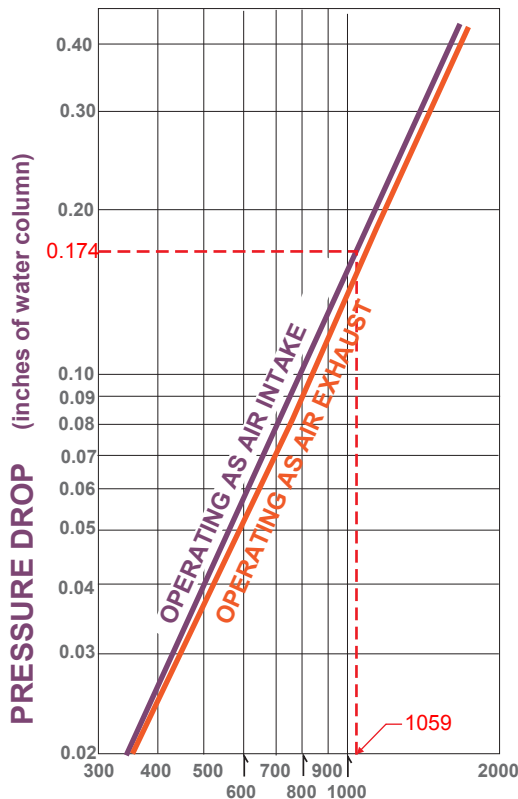
www.namm.com.mx

FREE AREA OF THE STATIONARY LOUVER WITH DRAINABLE FIXED BLADES MODEL HL445D (ft²)

		LOUVER WIDTH INCHES															
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
LOUVER HEIGHT INCHES	12	0.20	0.45	0.58	0.83	0.96	1.21	1.33	1.59	1.71	1.96	2.09	2.34	2.34	2.72	2.85	
	18	0.35	0.80	1.02	1.47	1.69	2.14	2.37	2.81	3.04	3.49	3.71	4.16	4.38	4.83	5.05	
	24	0.51	1.15	1.47	2.11	2.43	3.08	3.40	4.04	4.36	5.01	5.33	5.97	6.29	6.93	7.26	
	30	0.66	1.50	1.92	2.75	3.17	4.01	4.43	5.27	5.69	6.53	6.95	7.78	8.20	9.04	9.46	
	36	0.81	1.85	2.36	3.40	3.91	4.95	5.46	6.50	7.01	8.05	8.56	9.60	10.11	11.15	11.67	
	42	0.97	2.20	2.81	4.04	4.65	5.88	6.50	7.73	8.34	9.57	10.18	11.41	12.03	13.26	13.87	
	48	1.12	2.54	3.26	4.68	5.39	6.82	7.53	8.95	9.67	11.09	11.80	13.23	13.94	15.36	16.07	
	54	1.27	2.89	3.70	5.32	6.13	7.75	8.56	10.18	10.99	12.61	13.42	15.04	15.85	17.47	18.28	
	60	1.43	3.24	4.15	5.96	6.87	8.69	9.59	11.41	12.32	14.13	15.04	16.85	17.76	19.58	20.48	
	66	1.58	3.59	4.60	6.61	7.61	9.62	10.63	12.64	13.64	15.65	16.66	18.67	19.67	21.68	22.69	
	72	1.73	3.94	5.04	7.25	8.35	10.56	11.66	13.86	14.97	17.17	18.28	20.48	21.58	23.79	24.89	
	78	1.89	4.29	5.49	7.89	9.09	11.49	12.69	15.09	16.29	18.69	19.89	22.29	23.50	25.90	27.10	
	84	2.04	4.64	5.94	8.53	9.83	12.43	13.72	16.32	17.62	20.21	21.51	24.11	25.41	28.00	29.30	
	90	2.20	4.99	6.38	9.17	10.57	13.36	14.76	17.55	18.94	21.74	23.13	25.92	27.32	30.11	31.50	
	96	2.35	5.34	6.83	9.82	11.31	14.30	15.79	18.78	20.27	23.26	24.75	27.74	29.23	32.22	33.71	

PERFORMANCE DATA LOUVER HL445D

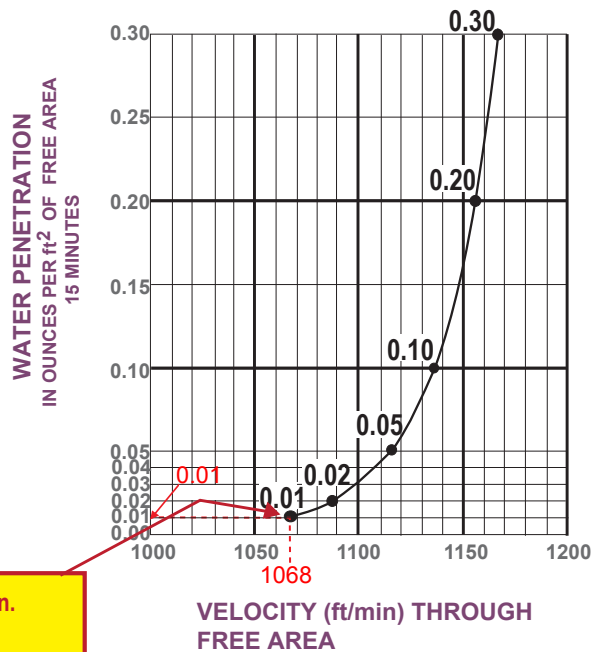
TEST FIGURE No 5.5-6.5



VELOCITY (ft/min) THROUGH FREE AREA

Standard air of 0.075 lbs. per ft³ density.
Performance data do not include the effect of the optional netting.

RAINWATER PENETRATION



WIND DRIVEN RAIN PERFORMANCE

Air Flow (cfm)	Free Area Velocity (fpm)	Core Area Velocity (fpm)	Wind Velocity - 29 mph Rainfall - 3in/hr.		Intake Discharge Loss Classification
			Effectiveness	Classification	
6416	852	596	54.2%	D	2
7399	982	687	40.0%	D	2

NOTES: Based on louver size 48 in. x 48 in. 1 Core area is the open area of the louver face (face area less louver frames). Core area velocity is the airflow velocity through the core area of the louver. 2 Class 1 has the least resistance to airflow.

"The AMCA Seal applies to air performance and wind driven rain ratings only."