

HL445DA MODEL

EXTRUDED ALUMINUM LOUVER 4"
FRAME, 45° ADJUSTABLE DRAINABLE
ADJUSTABLE BLADES, OPERATED BY
A LEVER WITH FILTER FRAME



- Adjustable drainable type blades.
- Manual actuator.
- Open from 0° to 45°.
- Deep chanel 0.55 thick 6063T-5 extruded aluminium alloy
Free area 45%.
- Intermediate angle each 60".
- Panels over 60" wide have a vertical interior angle at
aproximate center of panel.
- Optional accesories: Electric actuator, Birds screen, Insects
screen and Filter.
- Test square louver 48" x 48".

CONSTRUCTION:

Extruded Aluminum, Alloy 6063-T5.

FINISH:

Anodized or electrostatic paint colors
special order.

PERFORMANCE:

Recommended free area velocity: 1053.4 ft / min.

Pressure drop of 0.24" Sch. water column.

Penetration rainwater is 0.01 ounces per square foot of
area free in a test of 15 minutes.

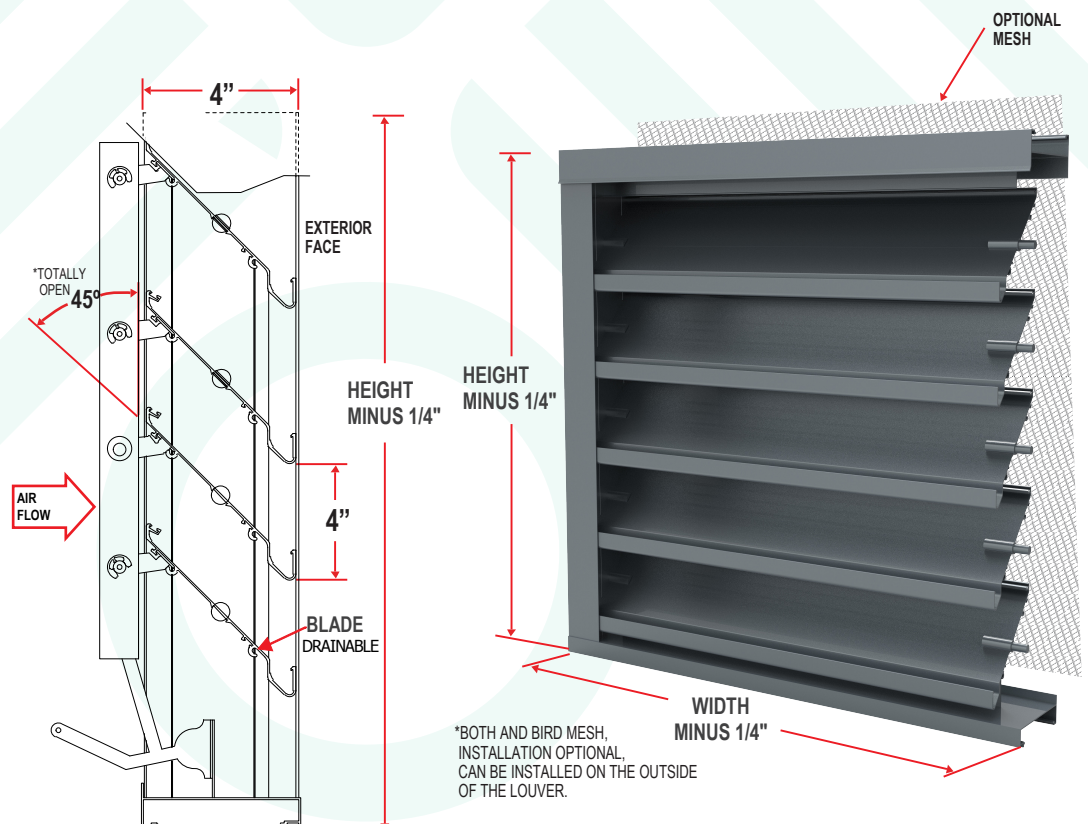
Dimensional Data



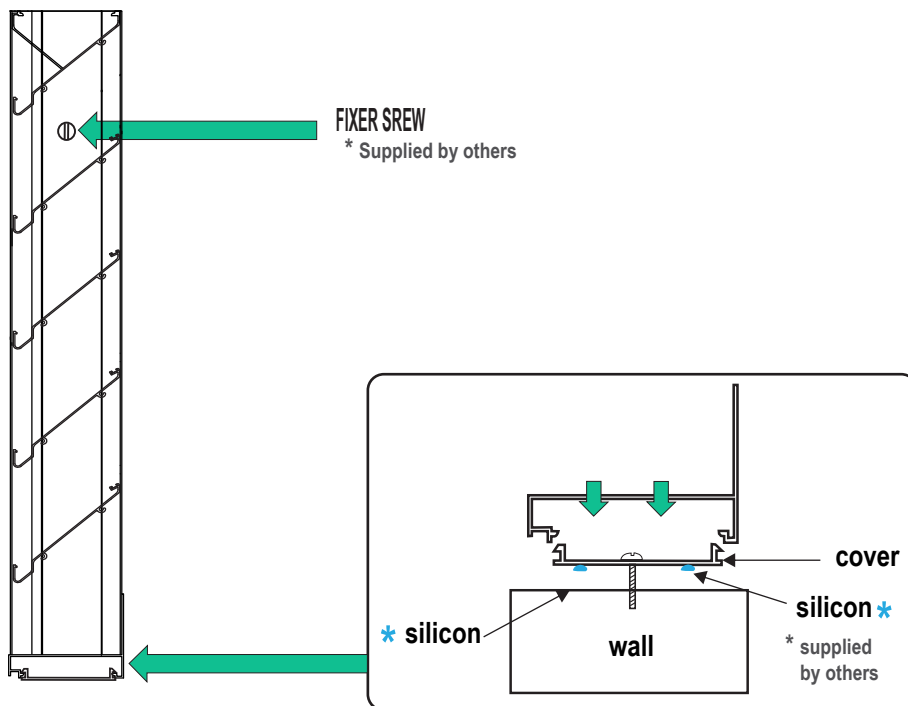
"Grupo Namm S.A. de C.V.
certifies that the Model HL445DA
shown herein is licensed to bear
the AMCA Seal

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 water penetration
and air performance ratings only."

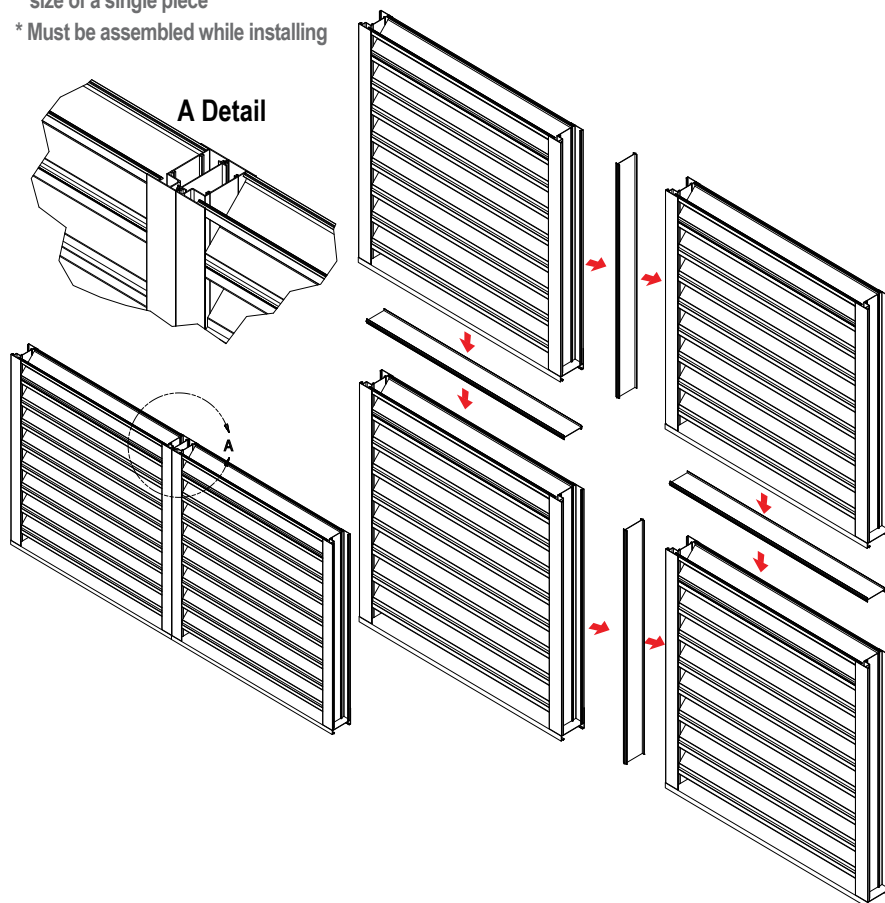


WALL INSTALLATION



ARMED WITH 4 X 4 COVER

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



New

NAMM WARRANTY SEAL

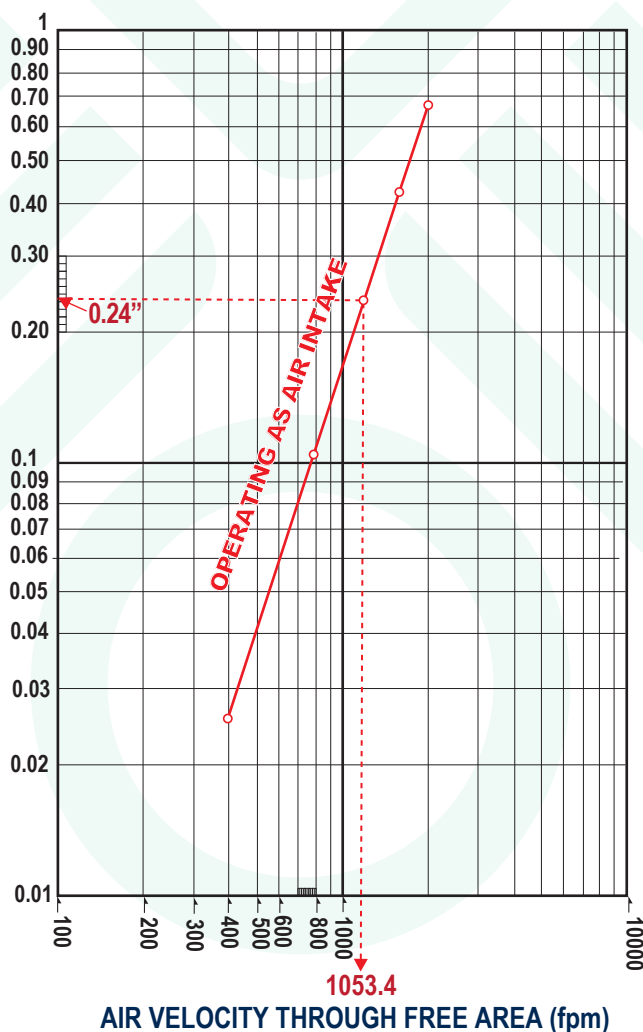
- * (N) Seal located in blade #1
- * Product original certificate
- * Lab international benefits tested



FREE AREA OF THE ADJUSTABLE LOUVER WITH DRAINABLE BLADES MODEL HL445DA (ft²)

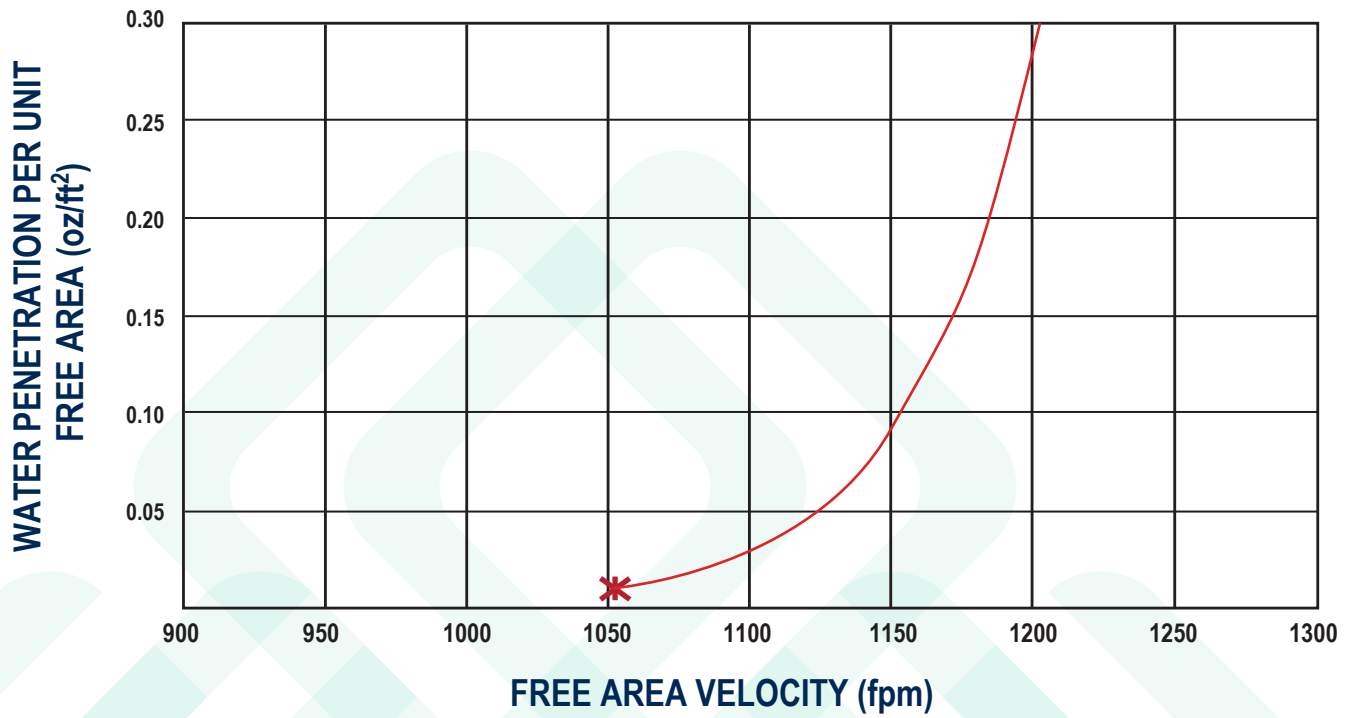
		LOUVER WIDTH INCHES														
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
LOUVER HEIGHT INCHES	12	0.210	0.406	0.602	0.798	0.993	1.189	1.385	1.581	1.777	1.973	2.168	2.364	2.560	2.756	2.952
	24	0.505	0.976	1.447	1.918	2.388	2.859	3.330	3.801	4.272	4.743	5.213	5.684	6.155	6.626	7.097
	36	0.800	1.546	2.292	3.038	3.784	4.529	5.275	6.021	6.767	7.513	8.259	9.004	9.750	10.496	11.242
	48	1.095	2.116	3.137	4.158	5.179	6.199	7.220	8.241	9.262	10.283	11.304	12.324	13.345	14.366	15.387
	60	1.390	2.686	3.982	5.278	6.574	7.869	9.165	10.461	11.757	13.053	14.349	15.644	16.940	18.236	19.532
	72	1.685	3.256	4.827	6.398	7.969	9.540	11.110	12.681	14.252	15.823	17.394	18.965	20.535	22.106	23.677
	84	1.954	3.776	5.597	7.418	9.240	11.061	12.883	14.704	16.525	18.347	20.168	21.989	23.811	25.632	27.454
	96	2.246	4.340	6.434	8.528	10.622	12.715	14.809	16.903	18.997	21.090	23.184	25.278	27.372	29.465	31.559
	108	2.539	4.905	7.271	9.637	12.003	14.369	16.736	19.102	21.468	23.834	26.200	28.566	30.932	33.299	35.665
	120	2.831	5.469	8.108	10.747	13.385	16.024	18.662	21.301	23.939	26.578	29.216	31.855	34.493	37.132	39.770
	132	3.123	6.034	8.945	11.856	14.767	17.678	20.589	23.500	26.410	29.321	32.232	35.143	38.054	40.965	43.876
	144	3.415	6.599	9.782	12.965	16.149	19.332	22.515	25.698	28.882	32.065	35.248	38.432	41.615	44.798	47.982

PERFORMANCE DATA LOUVER HL445DA



“THE AMCA SEAL APPLIES TO WATER PENETRATION & AIR PERFORMANCE RATINGS ONLY.”

WATER PENETRATION OF HL445DA



— WATER PENETRATION OF HL445DA * BEGINNING OF WATER PENETRATION

BEGINNING OF WATER PENETRATION PER
AMCA PUBLICATION 511 SECTION 8.3.2
BASED ON AMCA MEASURED FREE AREA:
1053.4 FPM

“THE AMCA SEAL APPLIES TO WATER PENETRATION & AIR PERFORMANCE RATINGS ONLY.”