

APPROVAL STAMPS

ARCHITECT STAMP AND REMARKS

CONTRACTOR STAMP AND REMARKS

CONTRACTOR NOTE - SIGN BELOW

Industrial Louvers, Inc. cannot enter this order into fabrication until signed copy is received.

Dimensions have been field verified or are guaranteed to these drawings.

By: _____

Date: _____



CATALOG NO. 1280AA Rev: DECEMBER 2009



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MODEL 1280AA

STANDARD CONSTRUCTION

Frames to be 12" deep .080 formed aluminum and blades to be .060 roll formed aluminum.

1/2" mesh .063 flattened expanded aluminum bird screens in a removable extruded aluminum frame.

Finish to be mill.

TECHNICAL DATA

Industrial Louvers, Inc. certifies that Model 1280AA shown hereon 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 ratings and water penetration ratings.

INSTALLATION

Model 1280AA should be installed in accordance with manufacturers recommended attachment method and in accordance with state and federal building codes.

WARRANTY

All materials and workmanship are warranted for a period of 1 year from date of completion.

MAINTENANCE

None required.

FEATURES

- All sizes are custom fabricated to meet project requirements.
- Airfoil blades
- Fiberglass insulation for sound deadening
- Interior of blade to be perforated sheet.
- Clip angles for installation.
- All welded assembly.

OPTIONAL ACCESSORIES

Many optional accessories to the basic design are available at an additional cost. They include:

- Extended sill flashing
- Flanged frames of various sizes
- Hinged access panels
- Subframes
- Continuous perimeter angles
- Visible mullions for multiple section requirements.
- Anodized, Baked Enamel or Kynar finish

Please contact the factory for other special requirements.

SUGGESTED SPECIFICATIONS

Furnish and install where indicated on the drawings ILI airfoil acoustical louver Model 1280AA as manufactured by Industrial Louvers, Inc., Delano, MN. Frames shall be .080" formed aluminum and the airfoil blades shall be .060" roll-formed aluminum. Absorbent material is to be 1.5 PCF fiberglass insulation. The interior face of the blade shall be 20-ga. perforated aluminum sheet with 1/8" holes staggered on 3/16" centers. Louvers are to be all-welded in construction.

The louvers shall have a minimum of 4.64 sq. ft. (29%) free area on a 48 inch x 48 inch louver. The rating shall show a maximum water penetration of .01 oz. at an air flow of 945.5 FPM. Static Pressure Loss to be not more than .15 inch of water gage at an air flow of 1708 FPM free air velocity.

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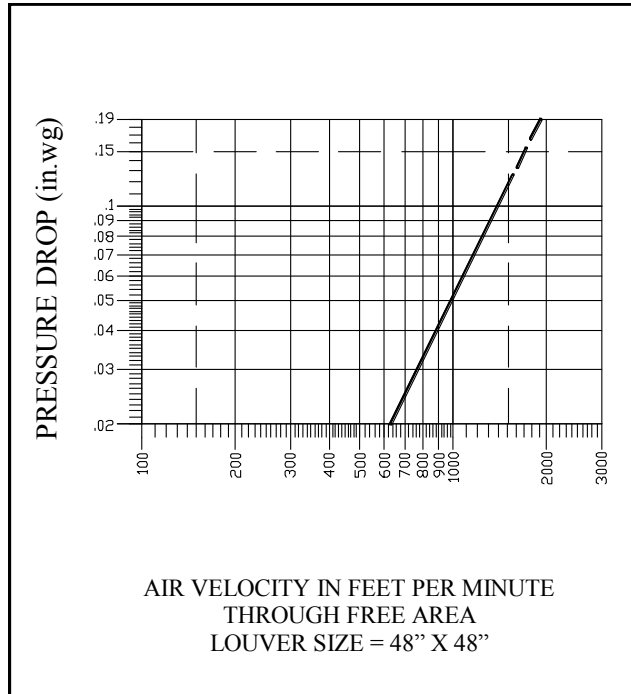
Free Area in Square Feet & Square Meters

Free Area for openings up to 72" X 120".
For free area data for larger openings, contact factory.

FREE AREA IN SQUARE FEET AND SQUARE METERS

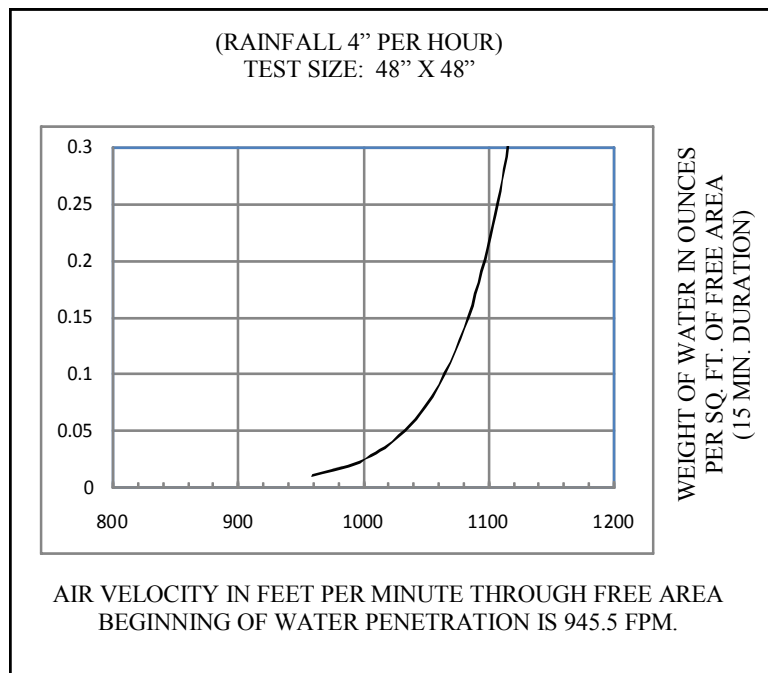
3048. mm	0.491	1.080	1.669	2.258	2.846	3.435
120"	2.578	5.673	8.768	11.863	14.959	18.054
2743.2 mm	0.433	0.953	1.472	1.991	2.510	3.030
108"	2.316	5.097	7.878	10.659	13.441	16.222
2438.4 mm	0.375	0.825	1.275	1.725	2.175	2.625
96"	2.055	4.522	6.989	9.456	11.923	14.390
2133.6 mm	0.317	0.698	1.078	1.458	1.839	2.219
84"	1.793	3.946	6.099	8.252	10.404	12.557
1828.8 mm	0.259	0.570	0.881	1.192	1.503	1.814
72"	1.531	3.370	5.209	7.048	8.886	10.725
1524. mm	0.201	0.443	0.684	0.926	1.167	1.409
60"	1.270	2.794	4.319	5.844	7.368	8.893
1219.2 mm	0.143	0.315	0.487	0.659	0.831	1.004
48"	1.008	2.219	3.429	4.640	5.850	7.061
914.4 mm	0.085	0.188	0.290	0.393	0.496	0.598
36"	0.747	1.643	2.539	3.436	4.332	5.228
609.6 mm	0.027	0.060	0.094	0.127	0.160	0.193
24"	0.485	1.067	1.649	2.232	2.814	3.396
H/W	304.8 mm	609.6 mm	914.4 mm	1219.2 mm	1524. mm	1828.8 mm
	12"	24"	36"	48"	60"	72"

Performance Chart

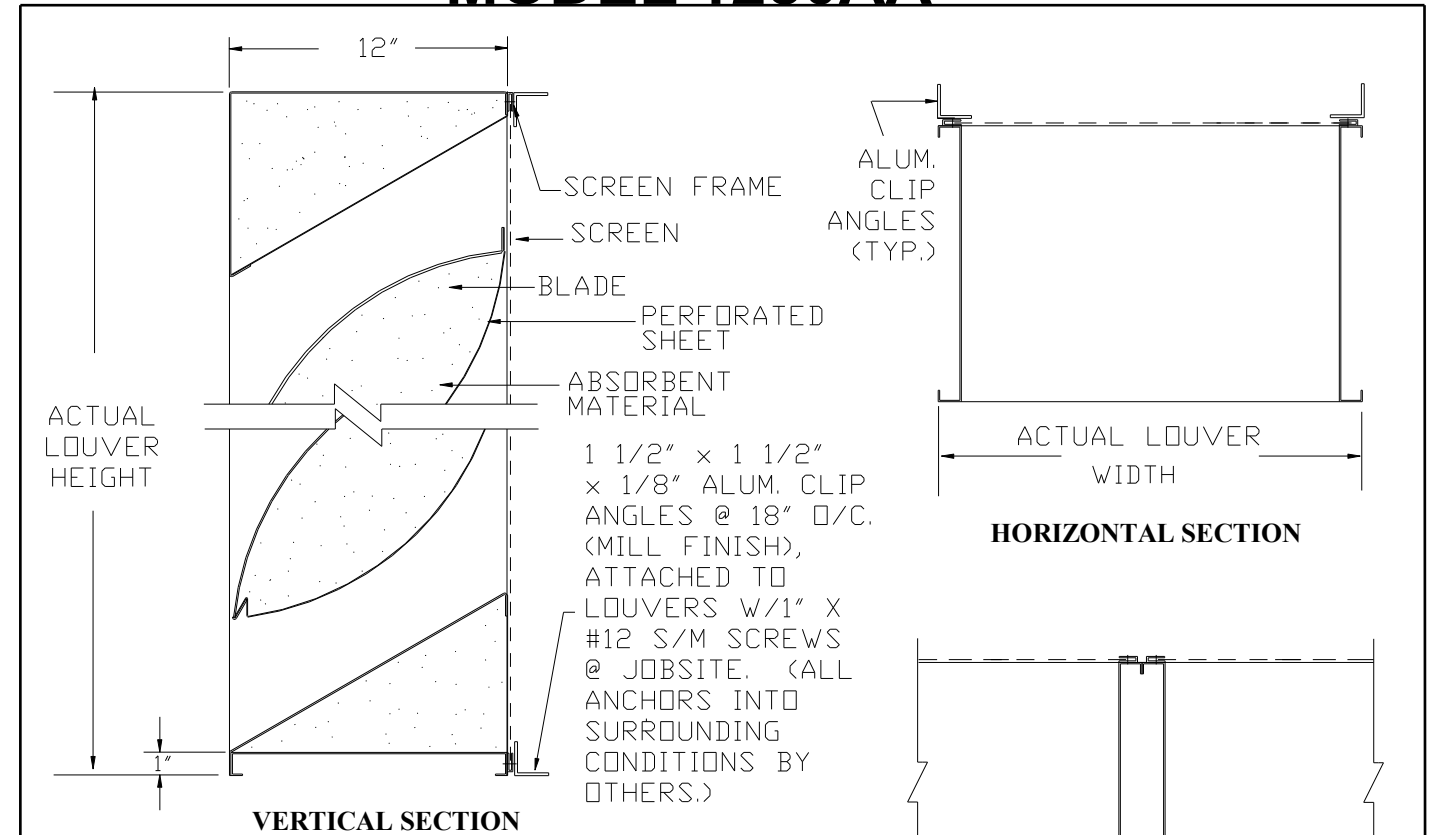


The AMCA Certified Ratings Seal applies to Air Capacities in the intake mode only.

Water Penetration Chart



MODEL 1280AA



ACCESSORIES:

- SILL FLASHING - DEPTH _____
- SCREEN _____
- FINISH _____
- COLOR _____
- OTHER _____

ITEM NO.	QTY	SIZE		MULLION TYPE	NO. OF SECTIONS	REMARKS
		Actual	M.O.			
		WIDTH	HEIGHT			

PROJECT _____ REPRESENTATIVE _____

LOCATION _____ ILI JOB NO. _____ REP NO. _____

ARCH/ENGR. _____ Industrial Louvers, Inc. Phone: 763-972-2981
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Delano, MN 55328

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