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# MODEL 608

## STANDARD CONSTRUCTION

Frame and blades to be 6" deep. Blades shall be 20-ga. galvanized steel and mounted in 16-ga. galvanized steel frames.

1/2" mesh 19 gauge galvanized wire bird screens in a removable formed steel frame.

Finish to be mill.

## TECHNICAL DATA

The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 .

## INSTALLATION

Model 608 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.
- Integral water spouts at the jambs to drain water from the blades to the exterior of the building.
- 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 or invisible mullions for multiple section requirements.
- Baked Enamel or Kynar finish

NOTE: Manufacturer of Kynar finish does not warrant Kynar paint on steel.

Please contact the factory for other special requirements.

## SUGGESTED SPECIFICATIONS

Furnish and install as indicated on the drawings ILI Model 608 drainable blade louvers as manufactured by Industrial Louvers, Inc., Delano, MN. Blades shall be 20-ga. galvanized steel and mounted in 16-ga. galvanized steel frames. Sill and jamb frames shall be continuously welded and caulked to help prevent water penetration to interior wall construction. Blades are attached by means of all-welded construction.

The louvers shall have a minimum of 8.41 sq. ft. (53%) 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 931 FPM. The Static Pressure Loss to be not more than .15 inch of water gage at an air flow of 894 FPM free area velocity.

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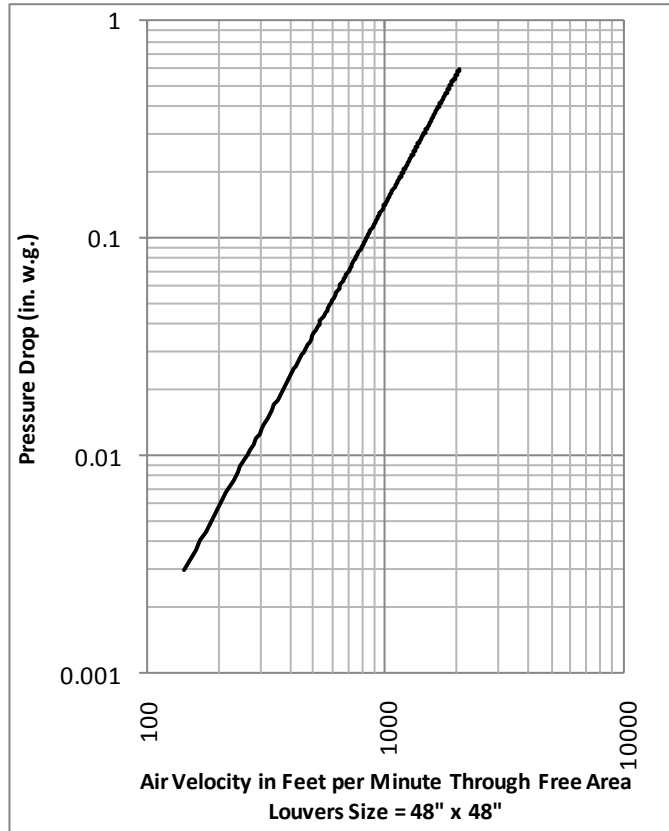
## Free Area in Square Feet And Square Meters

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

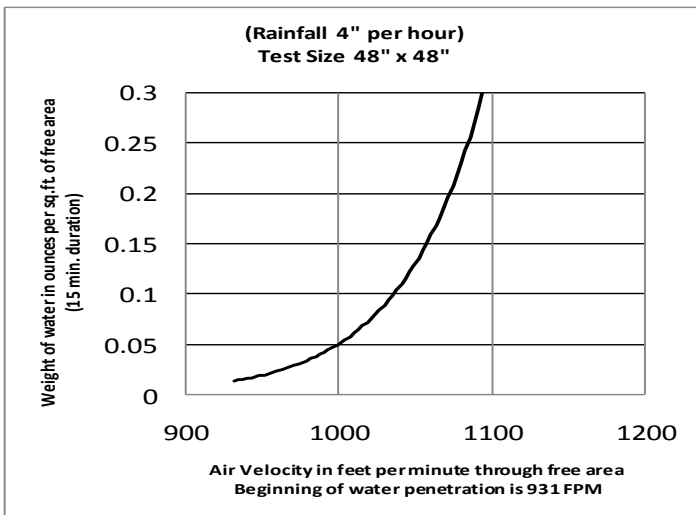
**FREE AREA IN SQUARE FEET AND SQUARE METERS**

3048. mm	0.478	1.024	1.569	2.115	2.660	3.206
<b>120"</b>	<b>5.140</b>	<b>11.014</b>	<b>16.888</b>	<b>22.762</b>	<b>28.636</b>	<b>34.51</b>
2743.2 mm	0.428	0.916	1.404	1.893	2.381	2.869
<b>108"</b>	<b>4.600</b>	<b>9.857</b>	<b>15.113</b>	<b>20.370</b>	<b>25.627</b>	<b>30.883</b>
2438.4 mm	0.378	0.808	1.239	1.670	2.101	2.532
<b>96"</b>	<b>4.060</b>	<b>8.699</b>	<b>13.339</b>	<b>17.978</b>	<b>22.617</b>	<b>27.257</b>
2133.6 mm	0.327	0.701	1.075	1.448	1.822	2.195
<b>84"</b>	<b>3.520</b>	<b>7.542</b>	<b>11.564</b>	<b>15.586</b>	<b>19.608</b>	<b>23.630</b>
1828.8 mm	0.277	0.593	0.910	1.226	1.542	1.858
<b>72"</b>	<b>2.980</b>	<b>6.385</b>	<b>9.789</b>	<b>13.194</b>	<b>16.599</b>	<b>20.003</b>
1524. mm	0.227	0.486	0.745	1.004	1.263	1.522
<b>60"</b>	<b>2.440</b>	<b>5.227</b>	<b>8.015</b>	<b>10.802</b>	<b>13.589</b>	<b>16.377</b>
1219.2 mm	0.177	0.378	0.580	0.781	0.983	1.185
<b>48"</b>	<b>1.900</b>	<b>4.070</b>	<b>6.240</b>	<b>8.410</b>	<b>10.580</b>	<b>12.750</b>
914.4 mm	0.126	0.271	0.415	0.559	0.704	0.848
<b>36"</b>	<b>1.360</b>	<b>2.913</b>	<b>4.465</b>	<b>6.018</b>	<b>7.571</b>	<b>9.123</b>
609.6 mm	0.076	0.163	0.250	0.337	0.424	0.511
<b>24"</b>	<b>0.820</b>	<b>1.755</b>	<b>2.691</b>	<b>3.626</b>	<b>4.561</b>	<b>5.497</b>
304.8 mm	0.026	0.056	0.085	0.115	0.144	0.174
<b>12"</b>	<b>0.280</b>	<b>0.598</b>	<b>0.916</b>	<b>1.234</b>	<b>1.552</b>	<b>1.870</b>
<b>H/W</b>	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



## Water Penetration Chart



Ratings do not include the effect of a bird screen.

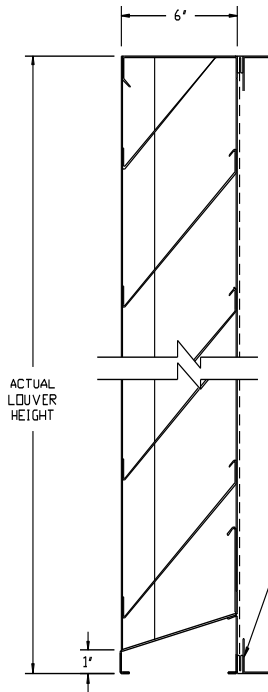
NOTE: All tests are for standard .075 lb./cu. ft.

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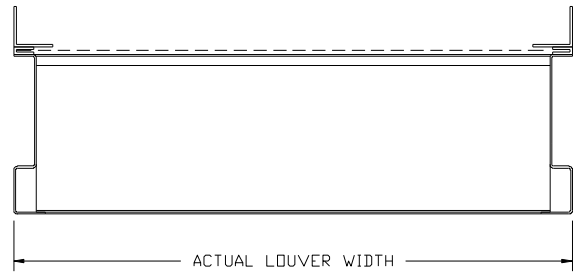


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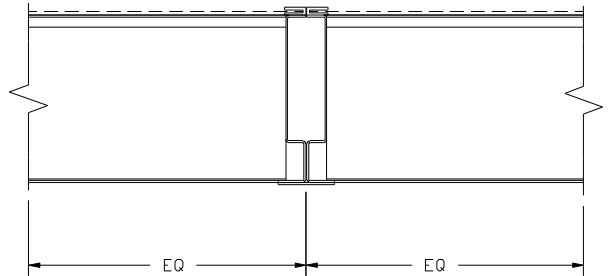


**VERTICAL SECTION**

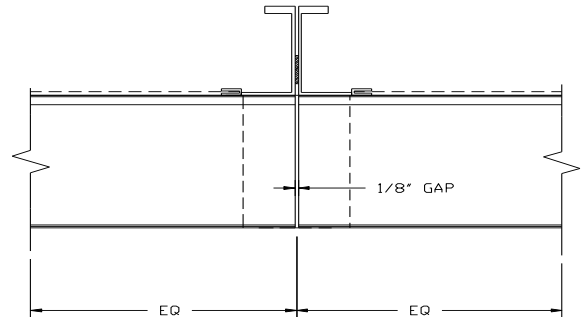
1 1/2" x 1 1/2"  
x 16 GA. GALV. CLIP  
ANGLES @ 18° D/C.  
(MILL FINISH),  
ATTACHED TO  
LOUVERS W/1" X  
#12 S/M SCREWS  
@ JOBSITE. (ALL  
ANCHORS INTO  
SURROUNDING  
CONDITIONS BY  
OTHERS.)



**HORIZONTAL SECTION**



**VISIBLE MULLION DETAIL**



**INVISIBLE MULLION DETAIL**

**ACCESSORIES:**

- SILL FLASHING - DEPTH \_\_\_\_\_
- SCREEN \_\_\_\_\_
- FINISH \_\_\_\_\_
- COLOR \_\_\_\_\_
- OTHER \_\_\_\_\_

ITEM NO.	QTY	SIZE Actual <input type="checkbox"/> M.O. <input type="checkbox"/>		MULLION TYPE	NO. OF SECTIONS	REMARKS
		WIDTH	HEIGHT			

PROJECT _____	REPRESENTATIVE _____
LOCATION _____	ILI JOB NO. _____ REP NO. _____
ARCH/ENGR. _____	Industrial Louvers, Inc. Phone: 763-972-2981
CONTRACTOR _____	511 South 7th Street Fax: 763-972-2911
DATE _____	Delano, MN 55328
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