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MODEL 837XP

STANDARD CONSTRUCTION

Frame and blades to be 8" deep. Frames are of .080 formed aluminum and blades are .081 extruded aluminum 6063 alloy.

1/2" mesh .063 flattened expanded aluminum bird screens in a removable extruded aluminum 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 837XP 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.
- Sight proof blades.
- Integral water spouts at the jambs to drain water from the blades to the exterior of the building.
- Clip angles for installation.

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.
- 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 extra performance sight proof, drainable frame Model SP-837 louvers as manufactured by Industrial Louvers, Inc., Delano, MN. Frames to be .080 formed aluminum and blade thickness to be .081" extruded aluminum 6063 alloy. The frame shall be designed to collect and drain water to exterior at sill by means of channels in the jambs.

The louvers shall have a minimum of 8.30 sq. ft. (52%) free area on a 48 inch x 48 inch louvers. The rating shall show a maximum water penetration of .01 oz. at an air flow of 1076 FPM. The Static Pressure Loss to be not more than .15 inch of water gage at an air flow of 694 FPM free air velocity.

CATALOG NO. 837XP

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MODEL 837XP

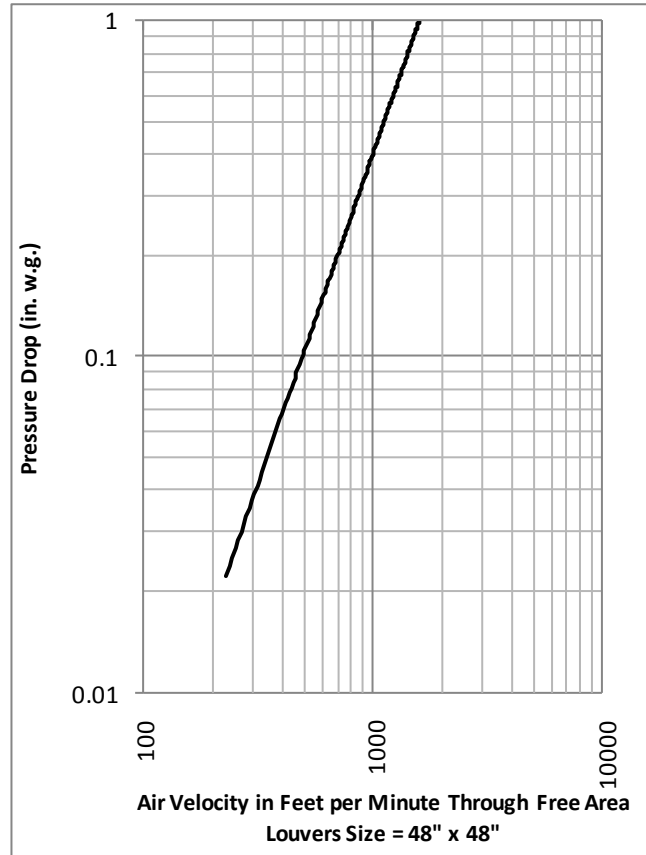
Free Area in Square Feet And Square Meters

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

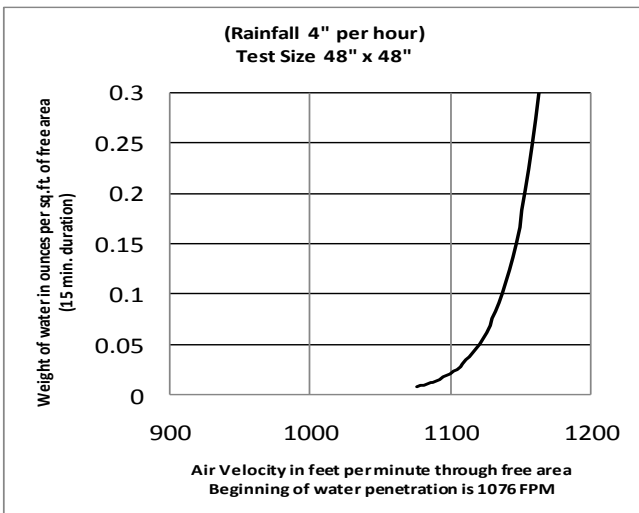
FREE AREA IN SQUARE FEET AND SQUARE METERS

3048. mm	0.471	1.013	1.555	2.096	2.638	3.180
120"	5.070	10.902	16.734	22.566	28.398	34.23
2743.2 mm	0.421	0.906	1.391	1.876	2.360	2.845
108"	4.536	9.753	14.971	20.189	25.407	30.624
2438.4 mm	0.372	0.799	1.227	1.655	2.082	2.510
96"	4.001	8.605	13.208	17.812	22.415	27.019
2133.6 mm	0.322	0.693	1.063	1.434	1.804	2.175
84"	3.467	7.456	11.445	15.435	19.424	23.413
1828.8 mm	0.272	0.586	0.899	1.213	1.526	1.840
72"	2.932	6.307	9.682	13.058	16.433	19.808
1524. mm	0.223	0.479	0.736	0.992	1.249	1.505
60"	2.398	5.159	7.920	10.680	13.441	16.202
1219.2 mm	0.173	0.372	0.572	0.771	0.971	1.170
48"	1.863	4.010	6.157	8.303	10.450	12.597
914.4 mm	0.123	0.266	0.408	0.550	0.693	0.835
36"	1.329	2.861	4.394	5.926	7.459	8.991
609.6 mm	0.074	0.159	0.244	0.329	0.415	0.500
24"	0.794	1.713	2.631	3.549	4.467	5.386
304.8 mm	0.024	0.052	0.080	0.109	0.137	0.165
12"	0.260	0.564	0.868	1.172	1.476	1.780
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



Water Penetration Chart



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

Ratings do not include the effect of a bird screen.

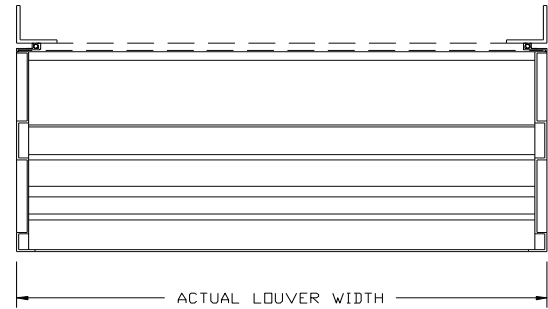
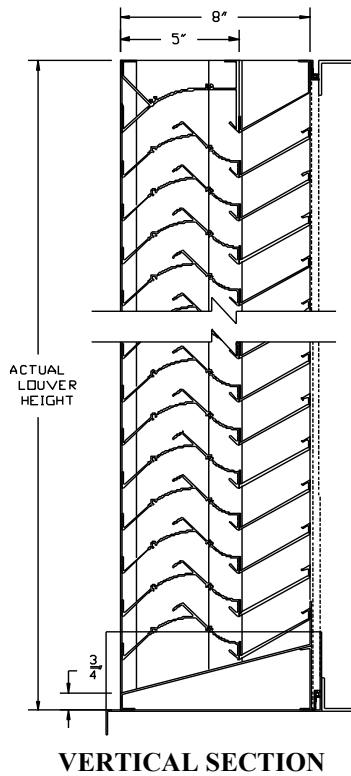
NOTE: All tests are for standard .075 lb./cu. ft.

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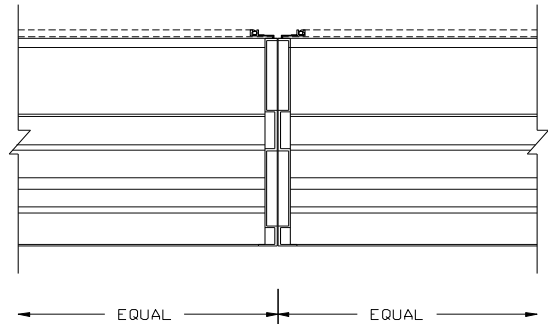
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MODEL 837XP



HORIZONTAL SECTION



VISIBLE 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
	CATALOG NO. 837XP Rev: JULY 2010