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MODEL 482XP

STANDARD CONSTRUCTION

With model 455XP blades - .081" extruded aluminum 6063 alloy.

Finish to be mill.

INSTALLATION

Model 482XP 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.
- Insulated roof.
- Box corners.
- Sill flashing.
- Clip angles for installation.
- All welded assembly.

OPTIONAL ACCESSORIES

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

- Hinged access panels.
- Any standard louver model.
- 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 extruded aluminum penthouse Model 482XP, as manufactured by Industrial Louvers, Inc., Delano, MN. Frames and blades shall be ILI Model 455XP storm-resistant design .081" extruded aluminum 6063 alloy. Box corners shall be covered with .081 formed aluminum. The roof shall be .080" aluminum sheet and be mounted on rafters made of 2" x 2" x 1/4" aluminum angles spaced 24" o.c. The roof shall be mechanically fastened for easy access to the interior. The underside of the roof shall be covered with a sound-absorbing material. The louvers shall have a minimum of 8.12 sq. ft. (51%) free area on a 48 inch x 48 inch louver.

CATALOG NO. 482XP

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MODEL 482XP W/455XP BLADES

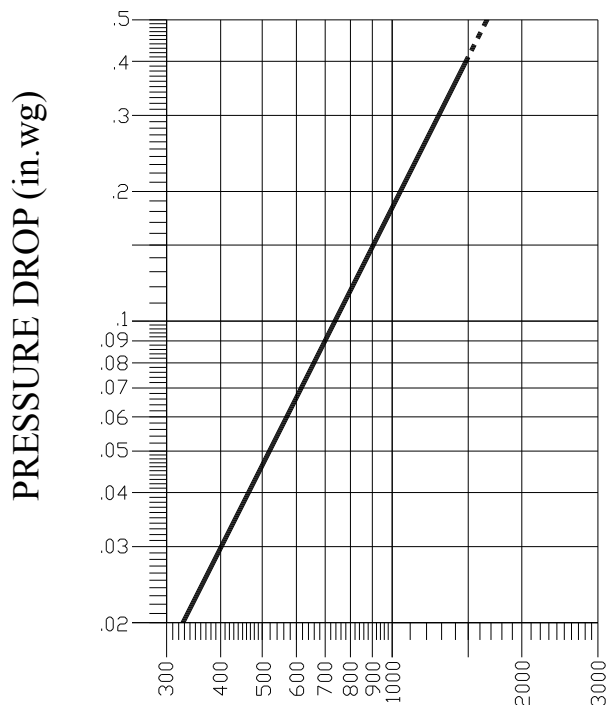
Free Area in Square Feet And Square Meters

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	0.435	0.956	1.478	1.999	2.521	3.042
120"	4.680	10.292	15.904	21.516	27.128	32.74
2743.2 mm	0.390	0.857	1.325	1.792	2.259	2.726
108"	4.194	9.224	14.254	19.284	24.314	29.343
2438.4 mm	0.345	0.758	1.171	1.584	1.998	2.411
96"	3.709	8.156	12.604	17.052	21.499	25.947
2133.6 mm	0.300	0.659	1.018	1.377	1.736	2.095
84"	3.223	7.089	10.954	14.819	18.685	22.550
1828.8 mm	0.255	0.560	0.865	1.170	1.475	1.780
72"	2.738	6.021	9.304	12.587	15.870	19.153
1524. mm	0.209	0.460	0.711	0.962	1.213	1.464
60"	2.252	4.953	7.654	10.355	13.056	15.757
1219.2 mm	0.164	0.361	0.558	0.755	0.952	1.149
48"	1.767	3.885	6.004	8.123	10.241	12.360
914.4 mm	0.119	0.262	0.405	0.548	0.690	0.833
36"	1.281	2.818	4.354	5.890	7.427	8.963
609.6 mm	0.074	0.163	0.251	0.340	0.429	0.518
24"	0.796	1.750	2.704	3.658	4.612	5.567
304.8 mm	0.029	0.064	0.098	0.133	0.167	0.202
12"	0.310	0.682	1.054	1.426	1.798	2.170
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"

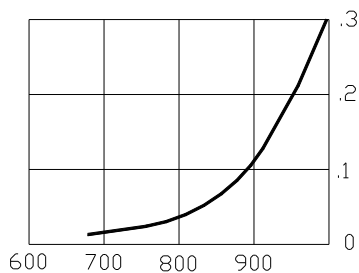
Performance Chart



AIR VELOCITY IN FEET PER MINUTE
THROUGH FREE AREA
LOUVER SIZE = 48" X 48"

Water Penetration Chart

(RAINFALL 4" PER HOUR)
TEST SIZE: 48" X 48"



WEIGHT OF WATER IN OUNCES
PER SQ. FT. OF FREE AREA
(15 MIN. DURATION)

AIR VELOCITY IN FEET PER MINUTE THROUGH FREE AREA
BEGINNING OF WATER PENETRATION IS 678 FPM.

Ratings do not include the effect of a bird screen.

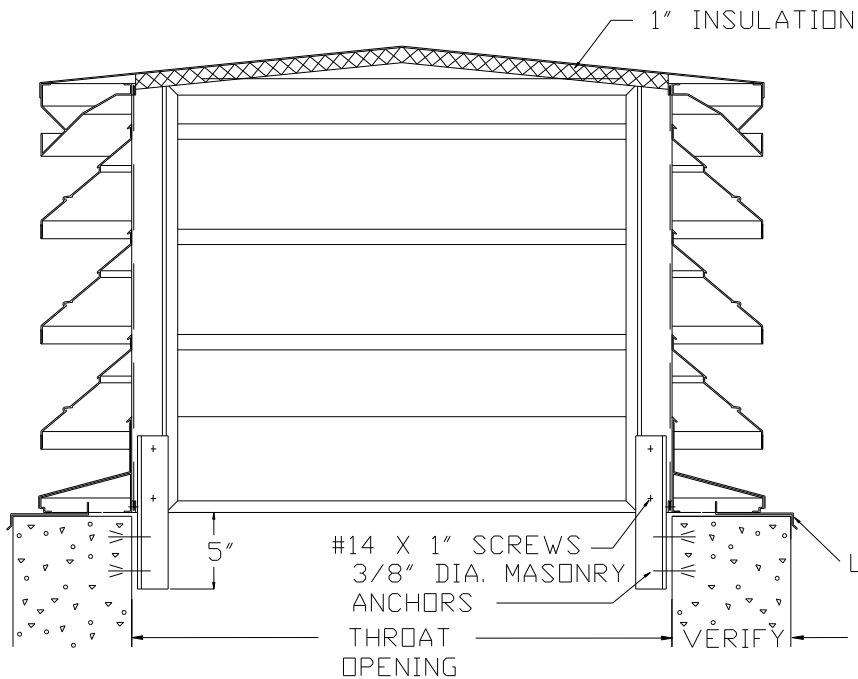
NOTE: All tests are for standard .075 lb./cu. ft.

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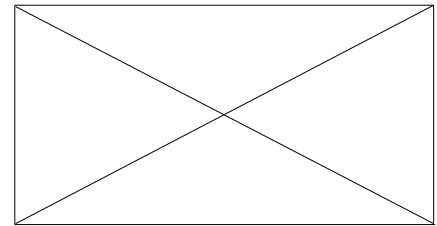
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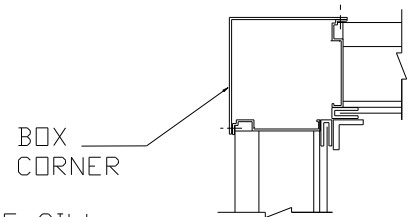
MODEL 482XP



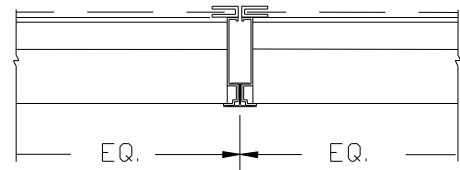
VERTICAL SECTION



ROOF ELEVATION



TYPICAL BOX CORNER SECTION



VISIBLE MULLION DETAIL

ACCESSORIES:

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

ITEM NO.	QTY	THROAT OPENING		PENTHOUSE HEIGHT	NO. OF SECTIONS	REMARKS
		WIDTH	LENGTH			

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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