

EME420DD WIND-DRIVEN RAIN STATIONARY LOUVER HORIZONTAL BLADE

STANDARD CONSTRUCTION

FRAME

4" (102) deep, 6063T6 extruded aluminum with .081" (2.1) nominal wall thickness.

BLADES

6063T6 extruded aluminum .063" (1.6) nominal wall thickness. Double drainable blades are sightproof.

SCREEN

5/8" x .040" (16 x 1) expanded flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH

Mill.

MINIMUM SIZE

12"w x 6"h (305 x 153).

APPROXIMATE SHIPPING WEIGHT

7 lbs. per sq. ft. (34.2 kg/m²)

MAXIMUM FACTORY ASSEMBLY SIZE

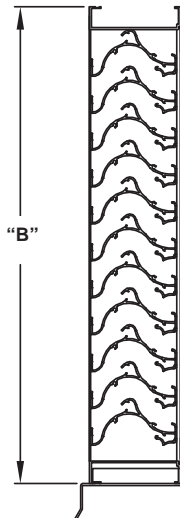
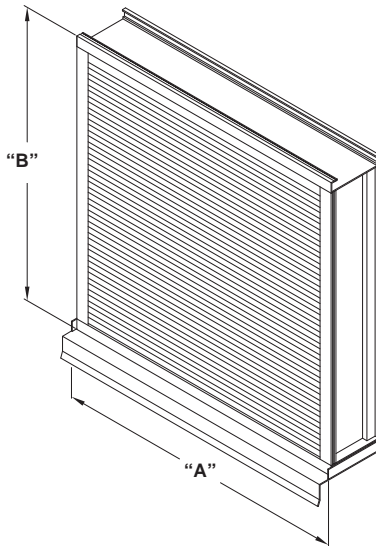
Shall be 75 sq. ft. (7m²) per section. Single sections shall not exceed 120" x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).

Louvers larger than the maximum single section size will require field assembly of smaller sections.

SUPPORTS

Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Ruskin for additional information.



FEATURES

- Horizontal architectural blades minimize the penetration of wind-driven rain, reducing damage and additional operating expenses.
- AMCA certified wind-driven rain results.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- 40% Free Area.
- Aluminum construction for low maintenance and high resistance to corrosion.

VARIATIONS

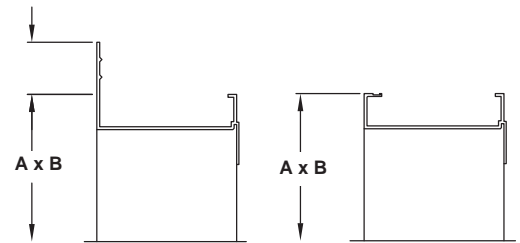
- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- Installation angles.
- A variety of bird and insect screens.

Finishes:

- Prime coat.
- Baked enamel (modified fluoropolymer).
- Epoxy
- Pearledize 50 & 70.
- Kynar.
- Clear and color anodize.

Consult Ruskin for other special requirements.

FRAME CONSTRUCTION OPTIONS



INTEGRAL FLANGE

STANDARD

NOTES:

1. Dimensions in inches, parenthesis () indicate millimeters.
2. Units furnished 1/4" (6) smaller than given opening dimensions.

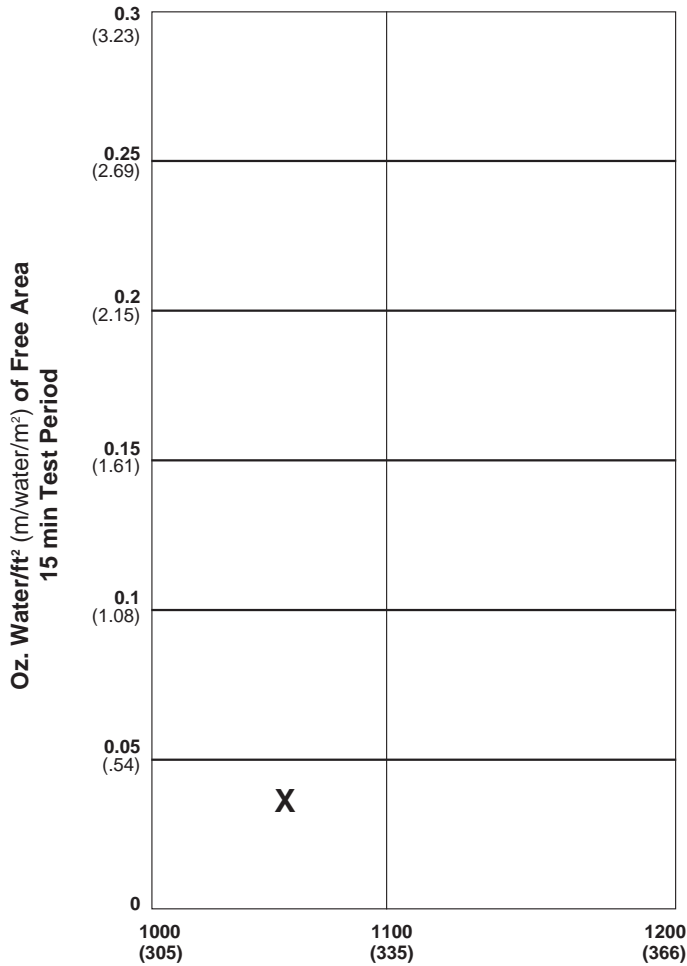
Please reference our website
www.ruskin.com for up to date
LEED® information

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT			LOCATION		
ARCH./ENGR.			CONTRACTOR		
REPRESENTATIVE			DATE		

WATER PENETRATION GRAPH

Test size 48" x 48" (1219 x 1219)

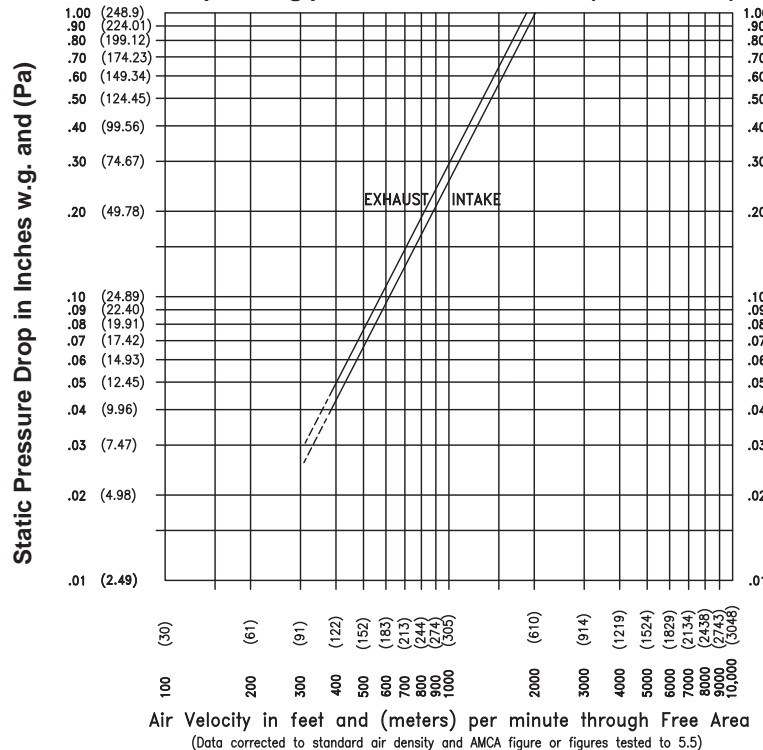
Beginning point of water penetration at .01 oz./sq. ft. is above 1067 fpm (325 m/min.)



Ruskin Company certifies that the louver 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 air performance ratings, water penetration ratings and wind driven rain ratings only.

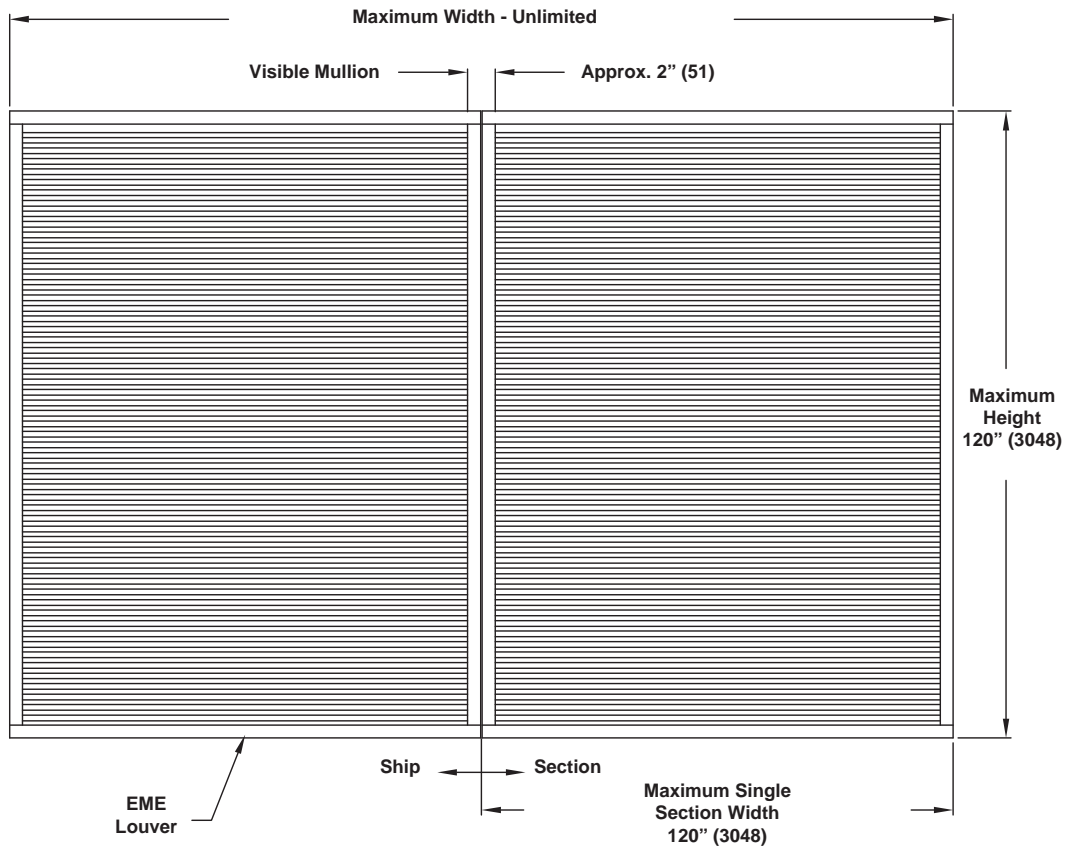
PRESSURE DROP

Pressure Drop testing performed on 48" x 48" (1219 x 1219) unit.



Ratings do not include the effect of a bird screen.

TYPICAL INSTALLATION DETAILS



1. Reference separate Installation Instruction sheets for installation details. It is the responsibility of the installing contractor to properly install the louvers per the appropriate detail.

2. Louvers wider than the maximum single section width will be shipped in multiple sections and will require field assembly. Field assembly is not by Ruskin.