

## EME220DD WIND-DRIVEN RAIN RESISTANT STATIONARY LOUVER EXTRUDED ALUMINUM

### STANDARD CONSTRUCTION

#### FRAME

2" (51) deep, 6063T6 extruded aluminum with .060" (1.5) nominal wall thickness.

#### BLADES

6063T6 extruded aluminum .045" (1.1) 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

6"w x 6"h (152 x 152).

#### APPROXIMATE SHIPPING WEIGHT

4 lbs. per sq. ft. (19.4 kg/m<sup>2</sup>)

#### MAXIMUM FACTORY ASSEMBLY SIZE

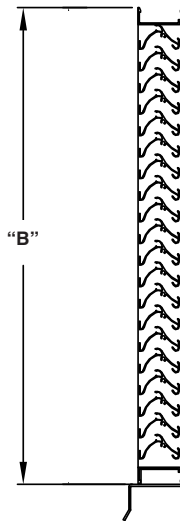
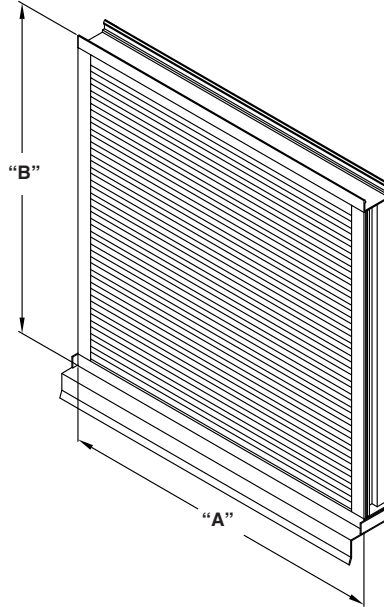
Single sections shall not exceed 120" x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).

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

- Closely spaced horizontal blades minimize the penetration of wind-driven rain, reducing damage and additional operating expenses.
- Tested in the AMCA 500-L Wind-Driven Rain Penetration Test.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- 43% Free Area.
- Excellent pressure drop performance.
- Aluminum construction for low maintenance and high resistance to corrosion.

### VARIATIONS

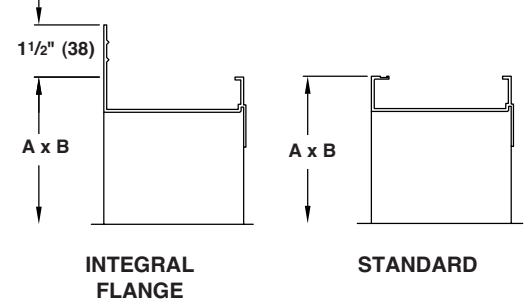
- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- Installation angles.
- A variety of bird and insect screens.

#### Finishes:

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

Consult Ruskin for other special requirements.

### FRAME CONSTRUCTION OPTIONS



Please reference our website  
[www.ruskin.com](http://www.ruskin.com) for up to date  
LEED® information

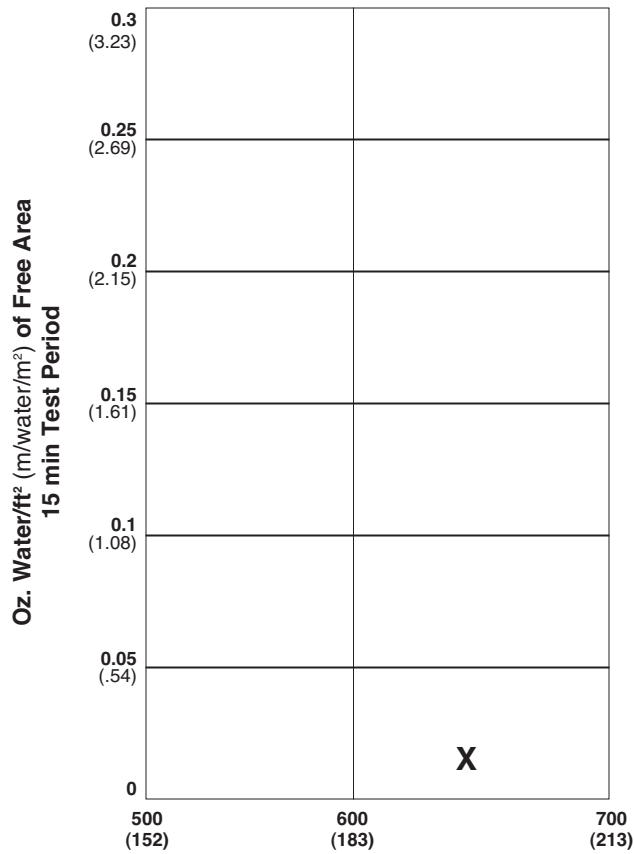
#### NOTES:

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

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

# WATER PENETRATION GRAPH

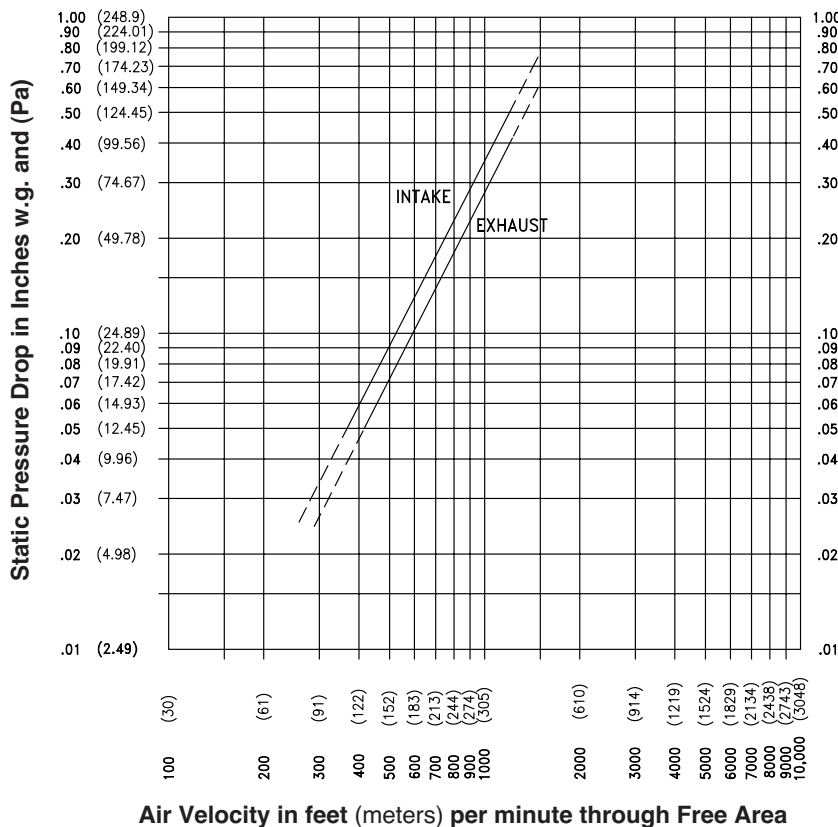
Test size 48" x 48" (1219 x 1219)  
 Beginning point of water penetration at .01 oz./sq. ft. is 680 fpm (208 m/min.)



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

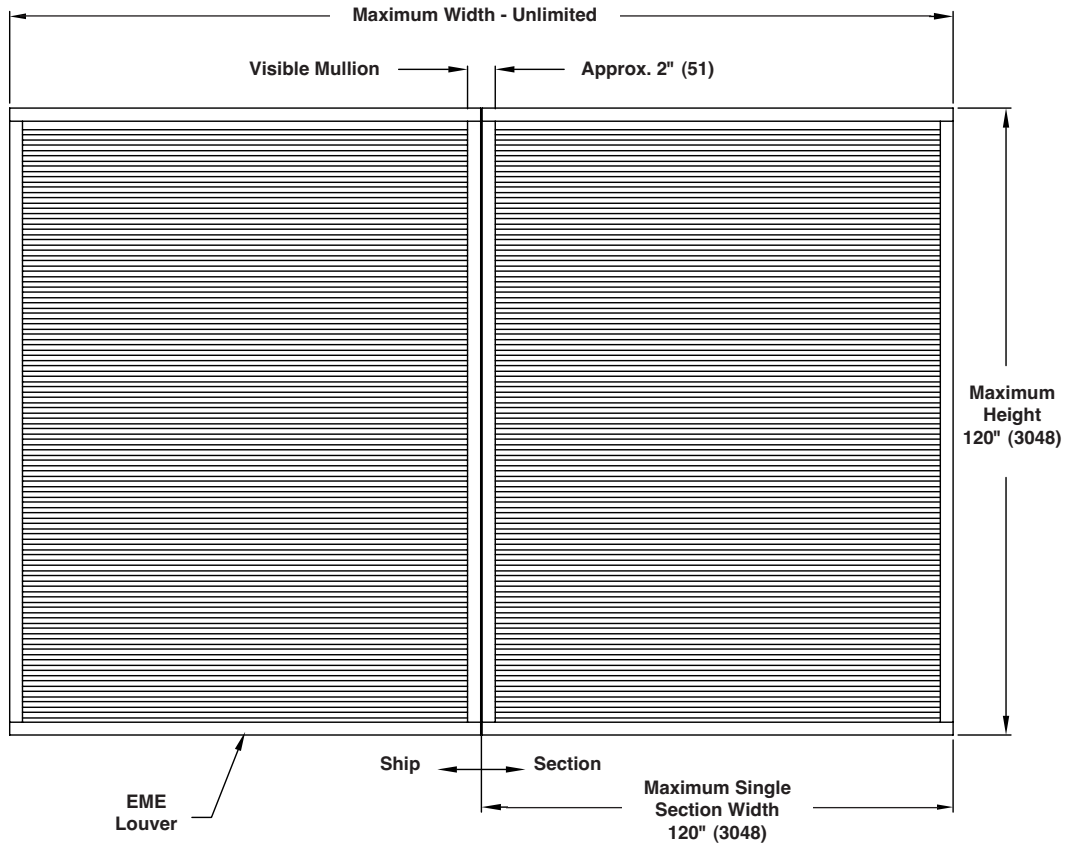
Pressure Drop testing performed on 48" x 48" (1219 x 1219) unit.



Ratings do not include the effect of a bird screen.



# EME220DD CONSTRUCTION INFORMATION



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.

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