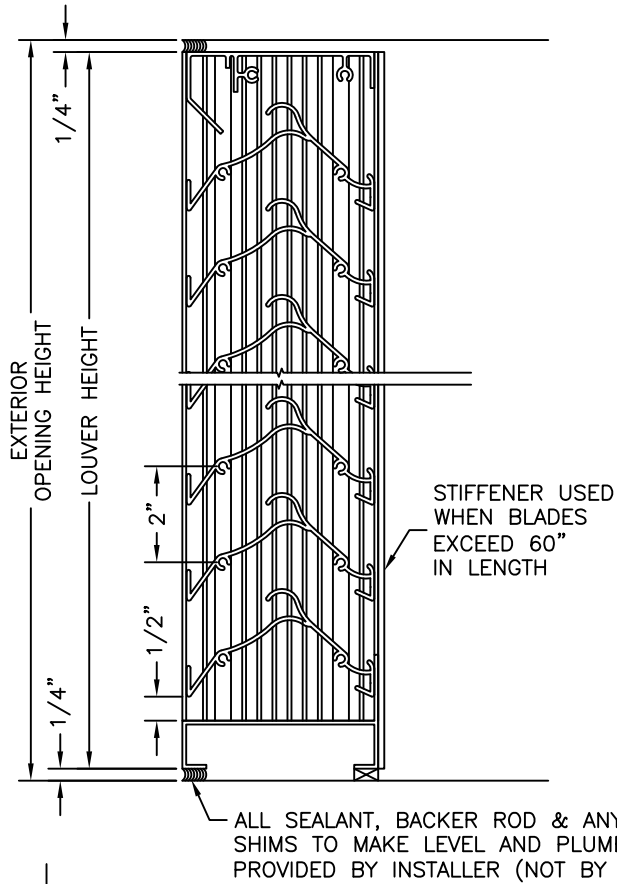


The illustrated design was created to a design load of lbs. per square foot. Changes may be required to accommodate other design loads.

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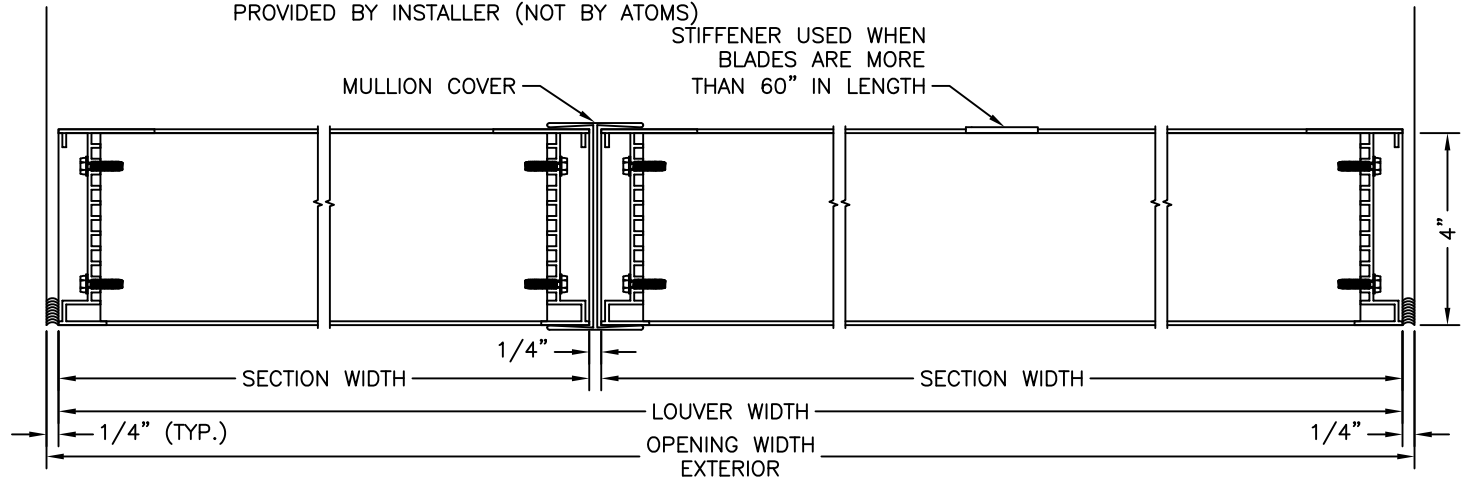
**MADE IN THE U.S.A.**



**PERFORMANCE DATA**

The data below supersedes all previously published data.

| VARIABLE   | VALUE   | DESCRIPTION                          |
|--|---|--------------------------------------|
| Measured Free Area   | 7.12 ft <sup>2</sup> 48"x48"<br>0.66 m <sup>2</sup> 122cmx122cm                                 |                                      |
| Free Area %  | 44.50 %   | Measured Free Area/16ft <sup>2</sup> |
| Air Velocity   | 1,250.00 fpm @ Beginning Point Of H <sub>2</sub> O Penetration<br>381.00 mpm                    |                                      |
| Volumetric Air Flow  | 8,900.00 cfm @ Beginning Point Of H <sub>2</sub> O Penetration<br>4.20 cms                      |                                      |
| Pressure Drop  | 0.36 In. of H <sub>2</sub> O @ Beginning Point Of H <sub>2</sub> O Penetration<br>89.58 pascals |                                      |
| Air Velocity   | 780.00 fpm @ Pressure Drop Of: 0.15" H <sub>2</sub> O<br>237.74 mpm                             |                                      |
| Volumetric Air Flow  | 5,553.60 cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O<br>2.62 cms                             |                                      |
| WIND DRIVEN RAIN - CLASS "A" THROUGH CORE AIR VELOCITY OF 283 fpm. |   |                                      |



FILE: C:\DRAFTING\CUTSHEETS\445-APWD

MATERIAL: FRAME 0.081" (2.057mm) 6063-T5 EXTRUDED ALUMINUM  
BLADE 0.081" (2.057mm) 6063-T5 EXTRUDED ALUMINUM

REV. DATE: 10/1/13

REV. BY: AGH

PROJECT:

LOCATION:

ARCHITECT:

CUSTOMER:

CUSTOMER P.O. NO.:

A.A.P. ORDER NO.:

SCALE: 3"=1'

DATE: 6/6/12

DWN. BY: DR

APP'VD BY:

**APWD-445**

| SECTION SIZE LIMITS | MAXIMUM     | MINIMUM    | ONE DIMENSION MUST BE 60" OR LESS. |
|---------------------|-------------|------------|------------------------------------|
|                     | WIDTH: 180" | WIDTH: 12" |                                    |



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