

The illustrated design was created to a design load of 30 lbs. per square foot. Changes may be required to accommodate other design loads.

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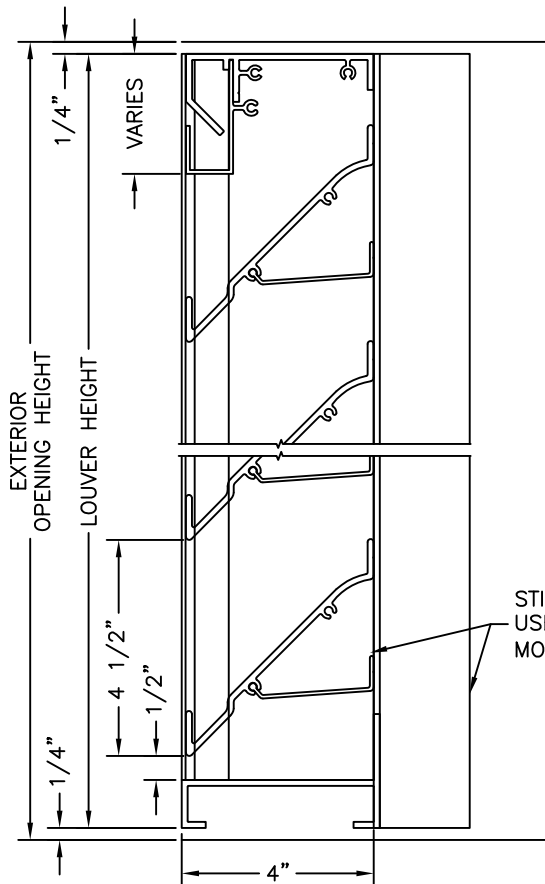
### PERFORMANCE DATA

The data below supersedes all previously published data.

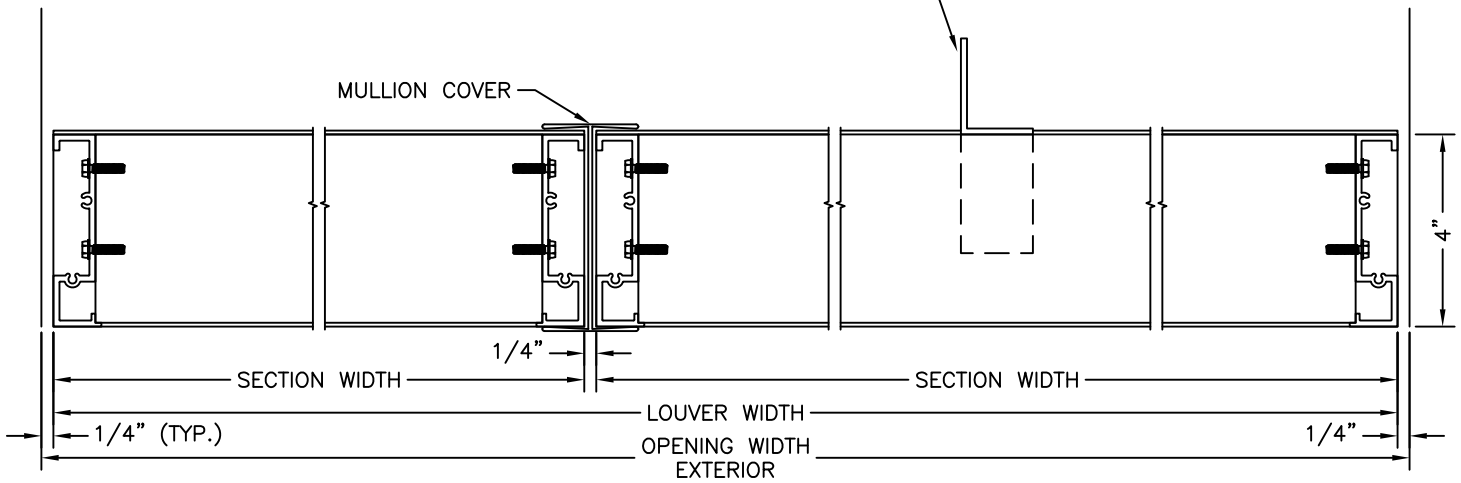
VARIABLE	VALUE	DESCRIPTION
Measured Free Area	8.00 ft <sup>2</sup> 48"x48" 0.74 m <sup>2</sup> 122cmx122cm	
Free Area %	50.02 %	Measured Free Area/16ft <sup>2</sup>
Air Velocity	1,076.00 fpm @ Beginning Point Of H <sub>2</sub> O Penetration 327.96 mpm	
Volumetric Air Flow	8,611.96 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area 4.06 cms	
Pressure Drop	0.16 In. of H <sub>2</sub> O @ 0.01 oz./ft. <sup>2</sup> Free Area 39.81 pascals	
Air Velocity	1,050.00 fpm @ Pressure Drop Of: 0.15" H <sub>2</sub> O 320.04 mpm	37 pascals
Volumetric Air Flow	8,403.86 cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O 3.97 cms	

ATOMS AP certifies that the performance ratings shown were developed in accordance with the requirements of AMCA test method 500-L-99, paragraph 8.3.1.

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



STIFFENER AND BLADE BRACE  
USED WHEN BLADES ARE  
MORE THAN 60" IN LENGTH



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

MATERIAL: FRAME 0.125" (3.175mm) 6063-T5 EXTRUDED ALUMINUM  
BLADE 0.125" (3.175mm) 6063-T5 EXTRUDED ALUMINUM

REV. DATE: \_\_\_\_\_ REV. BY: \_\_\_\_\_

PROJECT: \_\_\_\_\_

SECTION SIZE LIMITS	MAXIMUM	MINIMUM	ONE DIMENSION
WIDTH:	120"	12"	MUST BE 60" OR LESS.
HEIGHT:	120"	12"	

LOCATION: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

CUSTOMER P.O. NO.: \_\_\_\_\_

A.A.P. ORDER NO.: \_\_\_\_\_

SCALE: 3"=1' DATE: 6/22/11

DWN. BY: DR

APP'VD BY: \_\_\_\_\_



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**APED-445-HD**