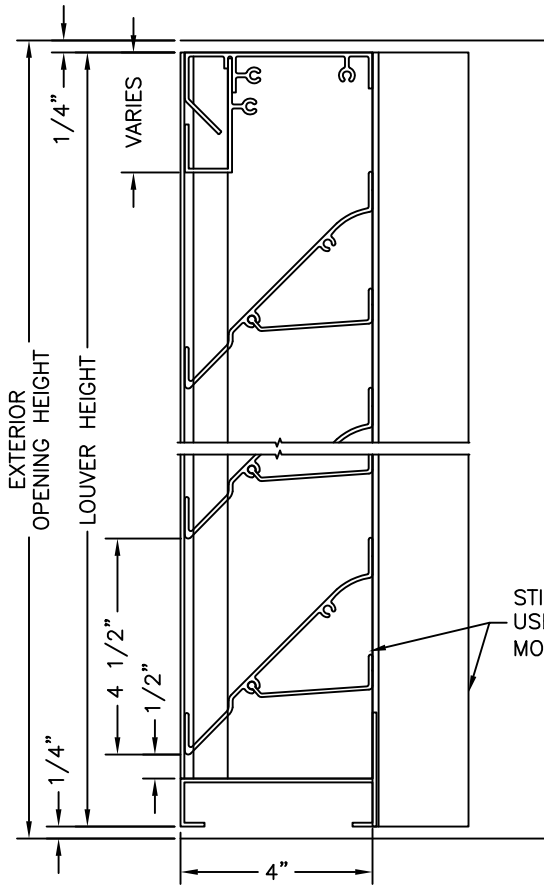


The illustrated design was created to a design load of 30 lbs. per square foot. Changes may be required to accommodate other design loads.

This drawing and the design represented are the confidential and proprietary property of ATOMS AP, LLC and may not be disclosed, loaned, copied or used for any purpose other than design review and approval without the express written consent of ATOMS AP, LLC. ATOMS AP, LLC reserves the right to alter the illustrated design solely at its' discretion.



### PERFORMANCE DATA

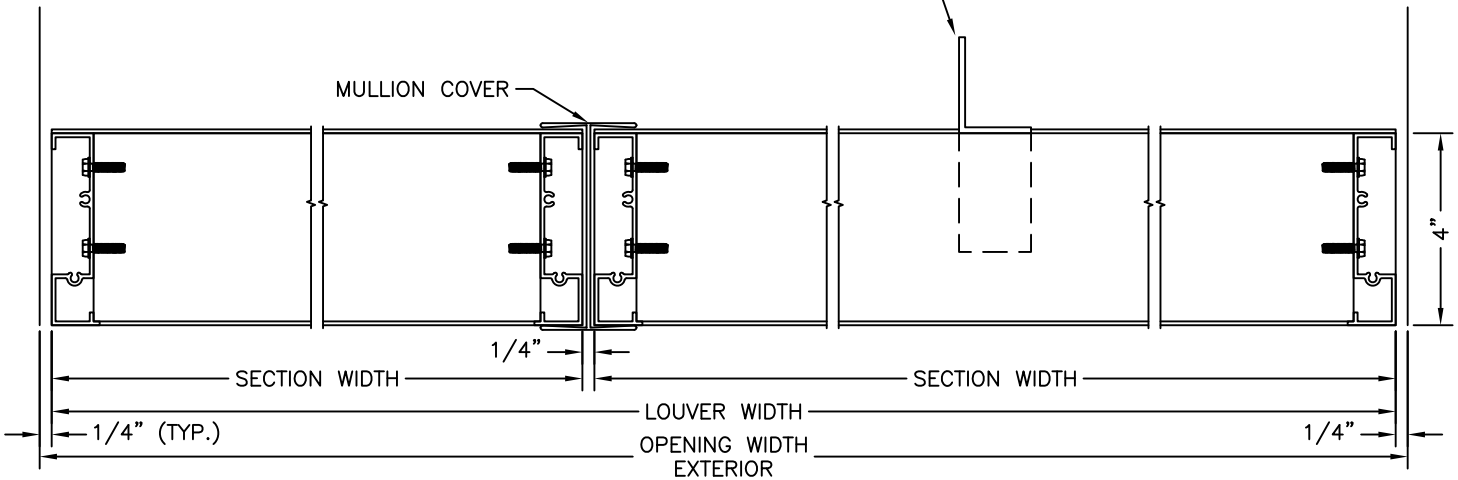
The data below supersedes all previously published data.

VARIABLE	VALUE	DESCRIPTION
Measured Free Area	8.06 ft <sup>2</sup> 48"x48"	
	0.75 m <sup>2</sup> 122cmx122cm	
Free Area %	50.38 %	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	8,672.56 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area	
	4.09 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	8,463.00 cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O	
	3.99 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-APED

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

REV. DATE: 7/26/11

REV. BY: DR

PROJECT:

LOCATION:

ARCHITECT:

CUSTOMER:

CUSTOMER P.O. NO.:

A.A.P. ORDER NO.:

SCALE: 3"=1'

DATE: JULY 27, 2010

DWN. BY: DR

APP'VD BY:

**APED-445**

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



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