

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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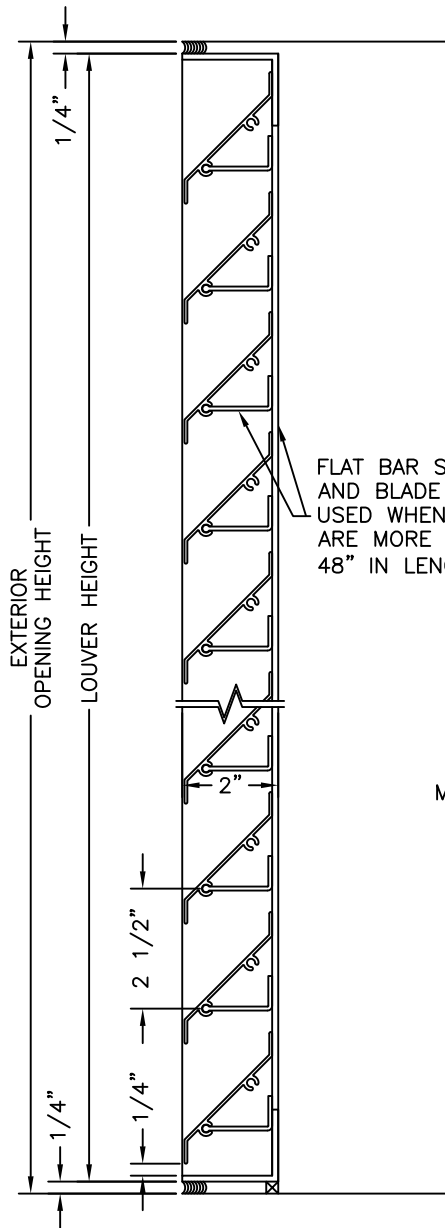
### PERFORMANCE DATA

The data below supersedes all previously published data.

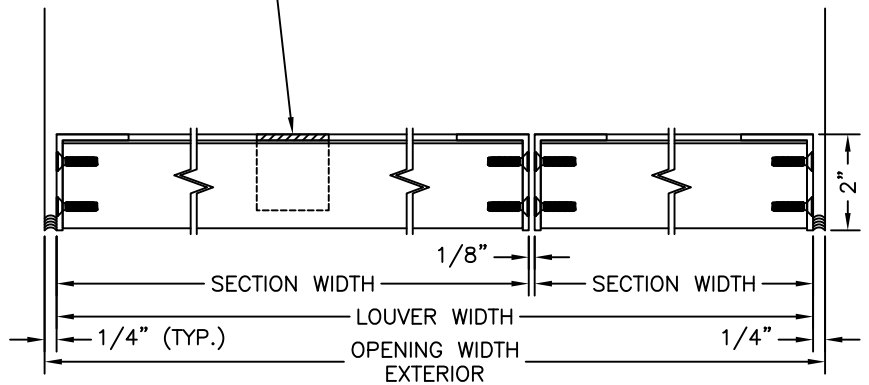
VARIABLE	VALUE	DESCRIPTION
Measured Free Area	7.32 ft <sup>2</sup> 48"x48" 0.68 m <sup>2</sup> 122cmx122cm	
Free Area %	45.75 %	Measured Free Area/16ft <sup>2</sup>
Air Velocity	583.00 fpm @ Beginning Point Of H <sub>2</sub> O Penetration 177.70 mpm	
Volumetric Air Flow	4,267.56 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area 2.01 cms	
Pressure Drop	0.06 In. of H <sub>2</sub> O @ 0.01 oz./ft. <sup>2</sup> Free Area 14.93 pascals	
Air Velocity	- fpm @ Pressure Drop Of: 0.15" H <sub>2</sub> O - mpm 37 pascals	
Volumetric Air Flow	- cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O - 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.**



FLAT BAR STIFFENER AND BLADE BRACE USED WHEN BLADES ARE MORE THAN 48" IN LENGTH



FILE: C:\DRAFTING\CUTSHEETS\245-APEJ

MATERIAL: ANGLEFRAME 0.125" (3.175mm) 6063-T5 EXTRUDED ALUM.  
BLADE 0.060" (1.524mm) 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: 5/1/09

DWN. BY: DR

APP'VD BY:

**APEJ-245**

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



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