

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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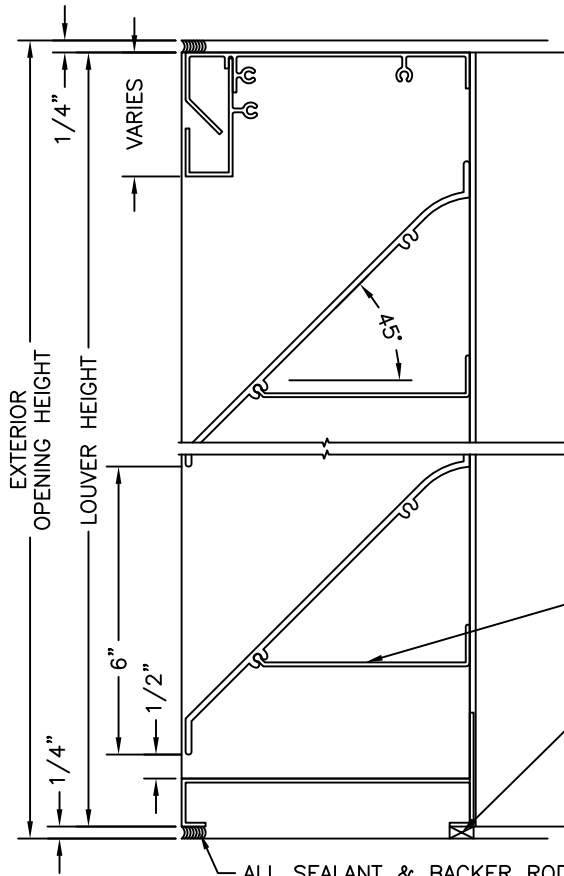
### PERFORMANCE DATA

The data below supersedes all previously published data.

VARIABLE	VALUE	DESCRIPTION
Measured Free Area	8.11 ft <sup>2</sup> 48"x48"	
	0.75 m <sup>2</sup> 122cmx122cm	
Free Area %	50.69 %	Measured Free Area/16ft <sup>2</sup>
Air Velocity	800.00 fpm @ Beginning Point Of H <sub>2</sub> O Penetration	
	243.84 mpm	
Volumetric Air Flow	6,489.78 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area	
	3.06 cms	
Pressure Drop	0.10 In. of H <sub>2</sub> O @ 0.01 oz./ft. <sup>2</sup> Free Area	
	24.88 pascals	
Air Velocity	950.00 fpm @ Pressure Drop Of: 0.15" H <sub>2</sub> O	
	289.56 mpm 37 pascals	
Volumetric Air Flow	7,706.62 cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O	
	3.64 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.**



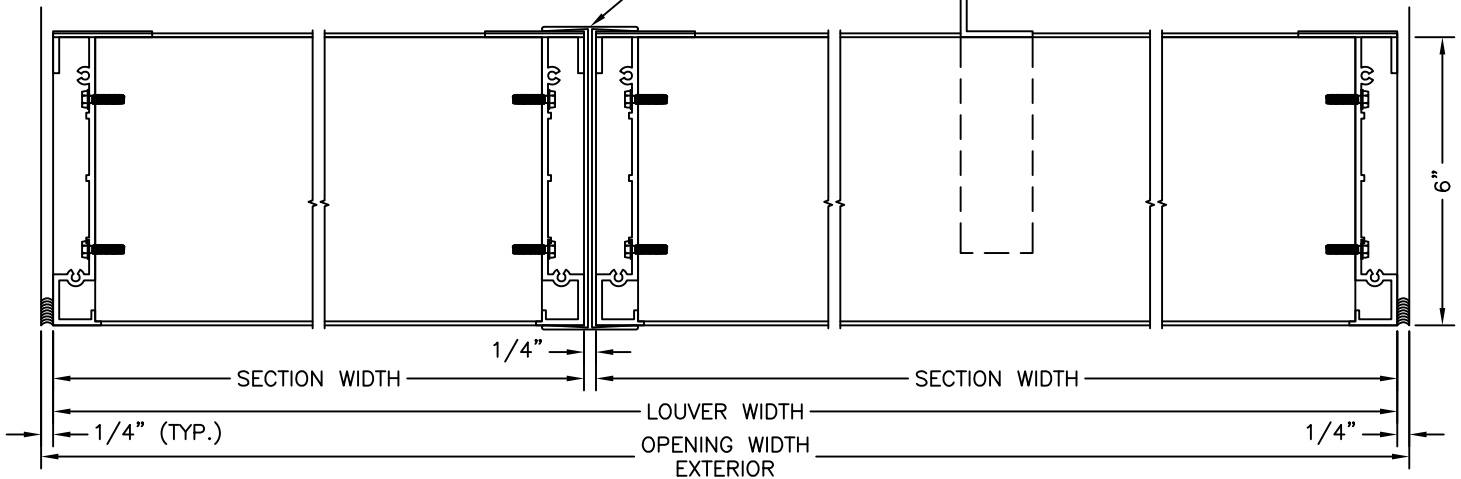
STIFFENER AND BLADE BRACE USED WHEN BLADES ARE MORE THAN 60" IN LENGTH

ALL SHIMS TO MAKE LEVEL AND PLUMB PROVIDED BY INSTALLER (NOT BY ATOMS)

ALL SEALANT & BACKER ROD PROVIDED BY INSTALLER (NOT BY ATOMS)

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

MULLION COVER



FILE: C:\DRAFTING\CUTSHEETS\645-APEJ

MATERIAL: FRAME 0.125" (3.175mm) 6063-T5 EXTRUDED ALUMINUM  
BLADE 0.125" (3.175mm) 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-645**

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



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