

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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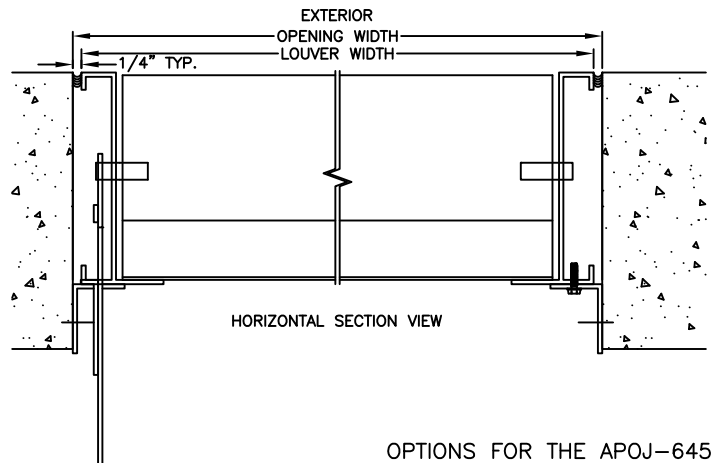
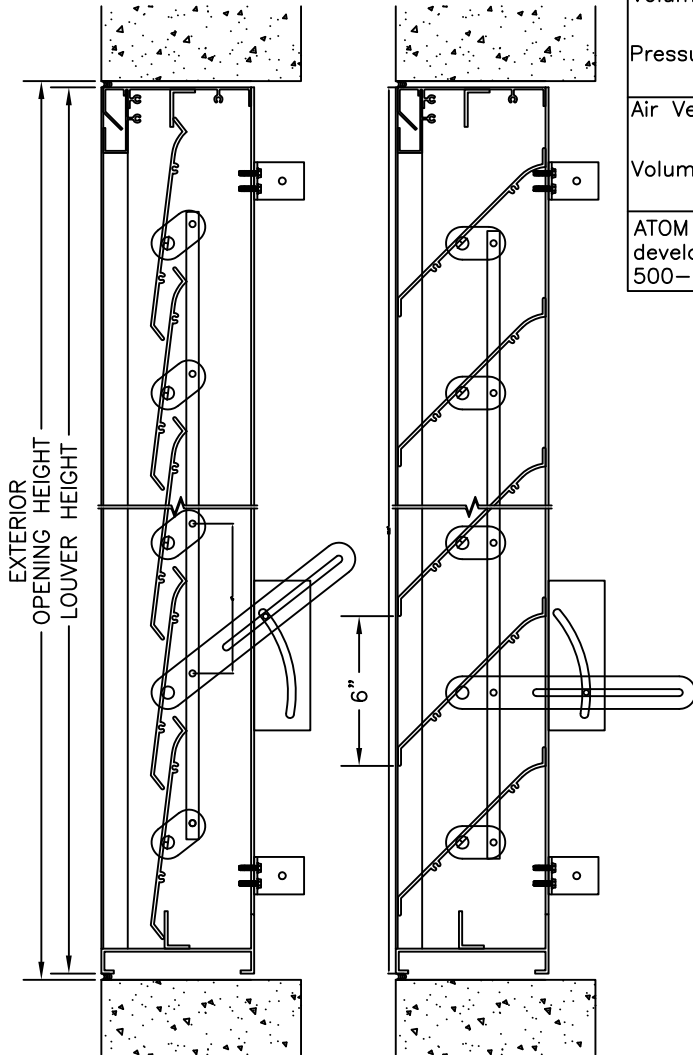
**PERFORMANCE DATA**

The data below supersedes all previously published data.

VARIABLE	VALUE	DESCRIPTION
Measured Free Area	8.80 ft <sup>2</sup> 48"x48" 0.82 m <sup>2</sup> 122cmx122cm	
Free Area %	55 %	Measured Free Area/16ft <sup>2</sup>
Air Velocity	1000 fpm @ Beginning Point Of H <sub>2</sub> O Penetration 304.80 mpm	
Volumetric Air Flow	9405.00 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area 4.44 cms	
Pressure Drop	0.12 In. of H <sub>2</sub> O @ 0.01 oz./ft. <sup>2</sup> Free Area 29.86 pascals	
Air Velocity	1150.00 fpm @ Pressure Drop Of: 0.15" H <sub>2</sub> O 350.52 mpm 37 pascals	
Volumetric Air Flow	10120.00 cfm @ Pressure Drop Of: 0.15" H <sub>2</sub> O 4.78 cms	

ATOM ARCHITECTURAL 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.**



OPTIONS FOR THE APOJ-645

1. BLADE EDGE SEALS
2. JAMB SEALS

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

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: NTS

DATE: 7/16/10

DWN. BY: DWN

APP'VD BY:

**APOJ-645**

SECTION SIZE LIMITS	MAXIMUM	MINIMUM	ONE DIMENSION
WIDTH:	36"	12"	MUST BE 60" OR LESS.
HEIGHT:	120"	12"	



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