

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

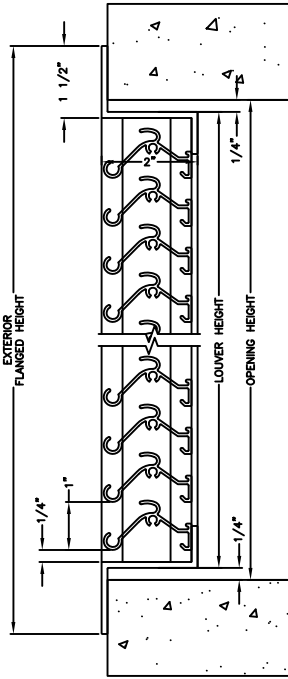
This drawing and the design represented are the confidential and proprietary property of ATOMS AP, LLC and may not be disclosed, loaned, copied or used for any purpose other than design review and approval without the express written consent of ATOMS AP, LLC. ATOMS AP, LLC reserves the right to alter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

**PERFORMANCE DATA** The data below supersedes all previously published data.

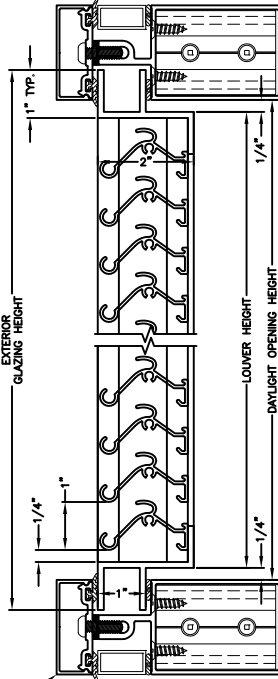
VARIABLE	VALUE	DESCRIPTION
Measured Free Area	5.96 ft <sup>2</sup>	48"x48"
	0.55 m <sup>2</sup>	122cmx122cm
Free Area %	37.22 %	Measured Free Area/16ft <sup>2</sup>

Air Velocity	914.00 fpm @ Beginning Point Of H <sub>2</sub> O Penetration 278.59 mpm
Volumetric Air Flow	5,443.47 cfm @ 0.01 oz./ft. <sup>2</sup> Free Area 2.57 cms
Pressure Drop	0.01 In. of H <sub>2</sub> O @ 0.01 oz./ft. <sup>2</sup> Free Area 2.49 pascals

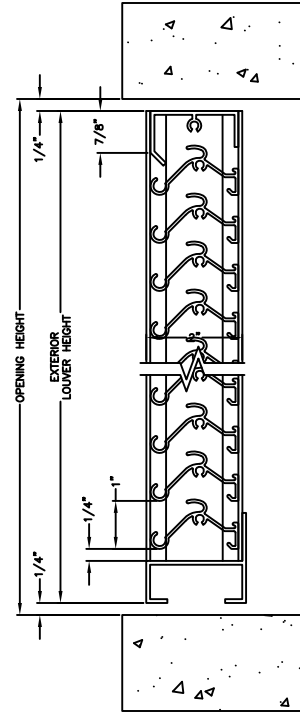
ATOMS AP certifies that the performance ratings shown were developed in accordance with the requirements of AMCA test method 500-L-99, paragraph 8.3.1.



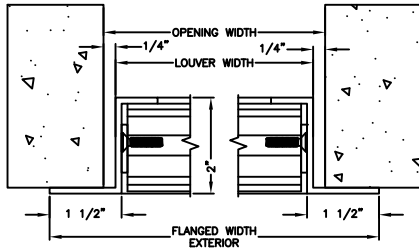
**VERTICAL SECTION  
FLANGE FRAME  
OPTION**



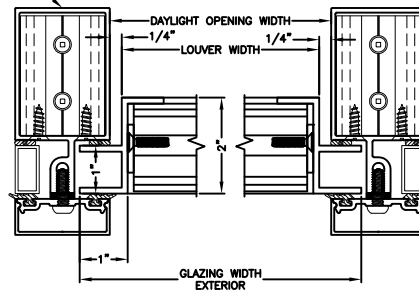
**VERTICAL SECTION  
GLAZING FRAME  
OPTION**



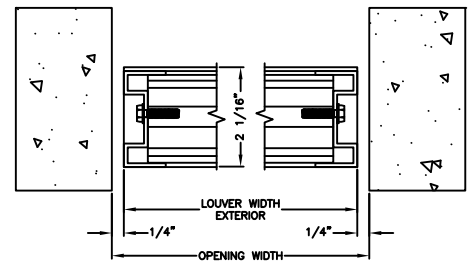
**VERTICAL SECTION  
CHANNEL FRAME  
OPTION**



**PLAN VIEW  
FLANGE FRAME  
OPTION**



**VERTICAL SECTION  
GLAZING FRAME  
OPTION**



**VERTICAL SECTION  
CHANNEL FRAME  
OPTION**

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

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

MATERIAL: BLADE 0.060" (1.524mm)	6063-T5 EXTRUDED ALUMINUM
CHANNEL FRAME 0.081" (2.057mm)	6063-T5 EXTRUDED ALUMINUM
GLAZING FRAME 0.125" (3.175mm)	6063-T5 EXTRUDED ALUMINUM
FLANGED FRAME 0.125" (3.175mm)	6063-T5 EXTRUDED ALUMINUM

REV. DATE: 1/4/13

REV. BY: AGH

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:

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



510 EAST STREET  
PARKERSBURG, WV 26101

www.atomsapllc.com

Phone: 304-865-0842

Fax: 304-865-0846

**APWD-245**