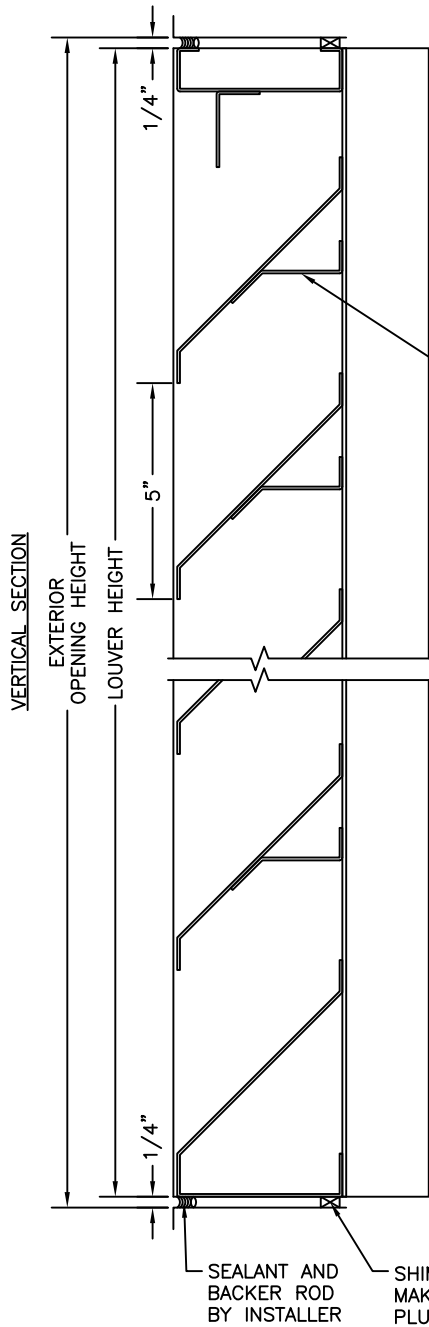


The illustrated design was created to a design load of 30 lbs. per square foot. Changes may be required to accommodate other design loads.

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.



VERTICAL SECTION

EXTERIOR
OPENING HEIGHT
LOUVER HEIGHT

BLADE BRACE
FOR BLADES
60" OR LONGER

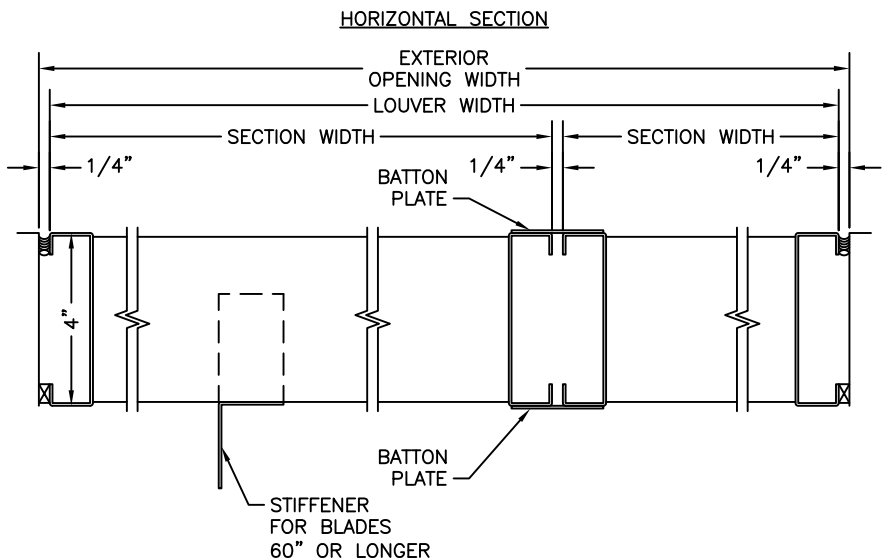
STIFFENER
FOR BLADES
60" OR LONGER

SEALANT AND
BACKER ROD
BY INSTALLER

SHIM AS REQ'D TO
MAKE LEVEL AND
PLUMB BY INSTALLER

PERFORMANCE DATA		The data below supersedes all previously published data.
VARIABLE	VALUE	DESCRIPTION
Measured Free Area	8.05 ft ² 48"x48"	
	0.75 m ² 122cmx122cm	
Free Area %	50.32 %	Measured Free Area/16ft ²
Air Velocity	724.00 fpm @ Beginning Point Of H ₂ O Penetration	
	220.68 mpm	
Volumetric Air Flow	5,828.71 cfm @ 0.01 oz./ft. ² Free Area	
	2.75 cms	
Pressure Drop	0.10 In. of H ₂ O @ 0.01 oz./ft. ² Free Area	
	24.88 pascals	
Air Velocity	880.00 fpm @ Pressure Drop Of: 0.15" H ₂ O	
	268.22 mpm	37 pascals
Volumetric Air Flow	7,064.62 cfm @ Pressure Drop Of: 0.15" H ₂ O	
	3.34 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.



HORIZONTAL SECTION

EXTERIOR
OPENING WIDTH
LOUVER WIDTH
SECTION WIDTH
SECTION WIDTH
1/4"
BATTON PLATE
1/4"
1/4"
BATTON PLATE
STIFFENER
FOR BLADES
60" OR LONGER

FILE: C:\DRAFTING\CUTSHEETS\445-APFJ

MATERIAL: FRAME: 16 GA (0.063 IN) GALVANNEALED STEEL BLADE: 16 GA (0.063 IN) GALVANNEALED STEEL	REV. DATE: 7/26/11	REV. BY: DR
SECTION SIZE LIMITS	MAXIMUM WIDTH: 120" HEIGHT: 120"	MINIMUM WIDTH: 12" HEIGHT: 12"
ONE DIMENSION MUST BE 60" OR LESS.	LOCATION:	ARCHITECT:
510 EAST STREET	CUSTOMER:	CUSTOMER P.O. NO.:
PARKERSBURG, WV 26101	CUSTOMER ORDER NO.:	SCALE: NTS
www.atomsapllc.com	Phone: 304-865-0842	DATE: 5/1/09
Fax: 304-865-0846	APP'VD BY:	APFJ-445

