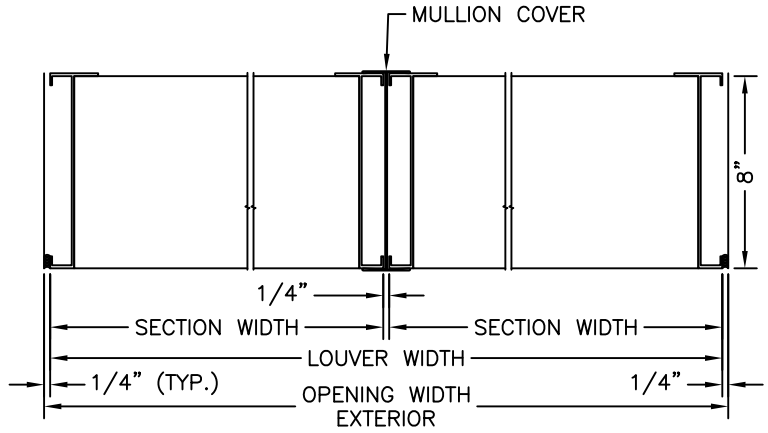
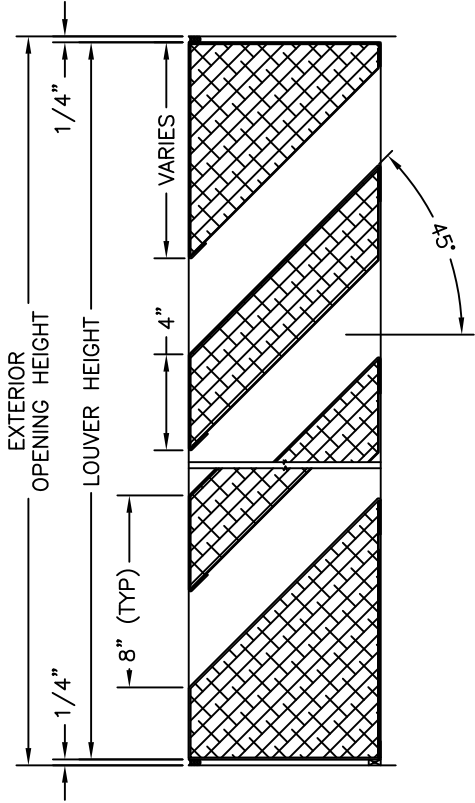


The illustrated design was created to a design load of 30 lbs. per square foot. Changes may be required to accommodate other design loads.


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.

ACOUSTICAL PERFORMANCE DATA		PERFORMANCE DATA		The data below supersedes all previously published data.
FREQUENCY Hz	FREE FIELD NOISE REDUCTION IN DECIBELS (Dba)	VARIABLE	VALUE	DESCRIPTION
125	5	Measured Free Area	5.81 ft ² 48"x48"	
250	6		0.54 m ² 122cmx122cm	
500	7	Free Area %	36.31 %	Measured Free Area/16ft ²
1000	12	Air Velocity	742.10 fpm @ Beginning Point Of H ₂ O Penetration	
2000	11		226.19 mpm	
4000	10	Volumetric Air Flow	4,311.60 cfm @ 0.01 oz./ft. ² Free Area	
			2.03 cms	
		Pressure Drop	0.08 In. of H ₂ O @ 0.01 oz./ft. ² Free Area	
			20.65 pascals	
Sound Transmisison Coefficient STC	10	Air Velocity	1,000.00 fpm @ Pressure Drop Of: 0.15" H ₂ O	
			304.80 mpm	37 pascals
		Volumetric Air Flow	5,810.00 cfm @ Pressure Drop Of: 0.15" H ₂ O	
			2.74 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.



FILE: C:\DRAFTING\CUTSHEETS\845-APAJ

MATERIAL: FRAME 0.081" (2.057mm) 6063-T5 EXTRUDED ALUMINUM BLADE 0.081" (2.057mm) 6063-T5 EXTRUDED ALUMINUM BLADE INFILL: FIBERGLASS INSULATION/MINERAL WOOL BLADE UNDERSIDE: 20 GA. PERFORATED ALUMINUM SHEET		REV. DATE: 9/9/11	REV. BY: DR
SECTION MAXIMUM MINIMUM ONE DIMENSION SIZE LIMITS WIDTH: 180" WIDTH: 12" MUST BE 60" HEIGHT: 180" HEIGHT: 12" OR LESS.		LOCATION:	
 <p>510 EAST STREET PARKERSBURG, WV 26101 www.atomsapllc.com Phone: 304-865-0842 Fax: 304-865-0846</p>		ARCHITECT:	
		CUSTOMER:	
		CUSTOMER P.O. NO.:	
		A.A.P. ORDER NO.:	
		SCALE: NTS	DATE: JUNE 22, 2010
		DWN. BY: DR	APAJ-845
		APP'VD BY:	