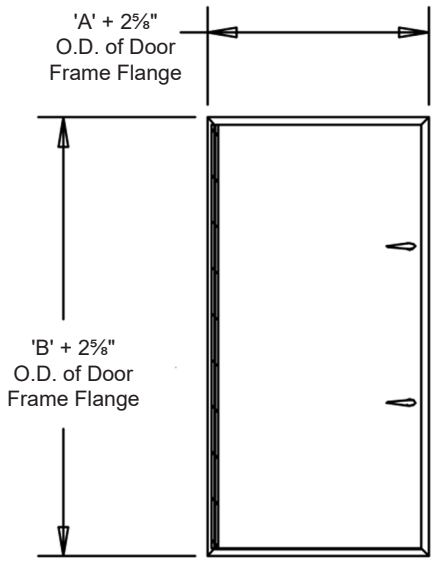
Model AHF-T2

Standard Access Door • 2" Deep • Out-Swing • Thermal Break • Extruded Aluminum

STANDARD CONSTRUCTION

FLANGED FRAME: .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.
DOOR FRAME: .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.
DOOR PANELS: 20 GA. galvanized steel.
INSULATION: 2.25 lb. density polyurethane foam.
HANDLES: Dual-acting die cast zinc.
DUAL GASKET: Continuous length extruded foam santoprene.
HINGE: Stainless steel continuous type - out swing.
VIEWPORT GLASS: Single pane, ¼" wire; 9" x 9" standard.
FINISH: Mill.



OPTIONS

Door panel material: bonderized steel, stainless steel, aluminum
Viewport glass size: 9" x 9" or 12" x 12"
Single pane ¼" wire or plexiglass
Double pane ¼" wire
Handles - Chrome plated
Finishes - Baked Enamel, Baked Epoxy, or Prime Coat

NOTES

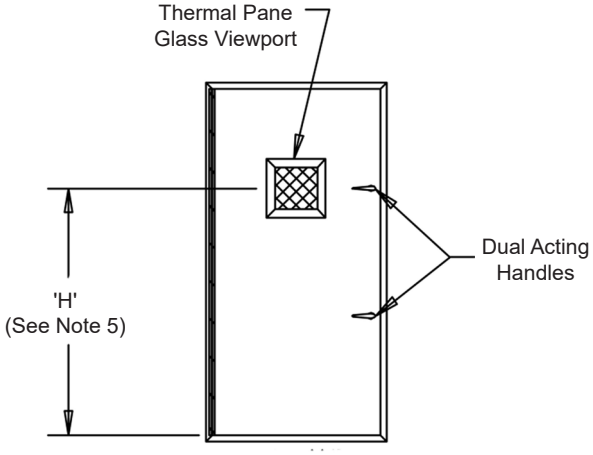
1. Hinge always furnished on "B" height dimension.
2. (G) designates doors with glass viewports. Specify (L/H) left hand or (R/H) right hand hinge when viewing from the outside.
3. 9" x 9" glass viewport not available on units under 18" in width. 12" x 12" viewports are not available on units under 21" in width.
4. Unless otherwise specified, door will be fabricated ¼" under listed size. Dimensional tolerance is ± .075.
5. Unless otherwise specified, standard viewport locations are as follows:

'H' = 'B' - 11" (±1") when 'B' is 20" to 60"

'H' = 48" (±1") when 'B' is greater than 60"

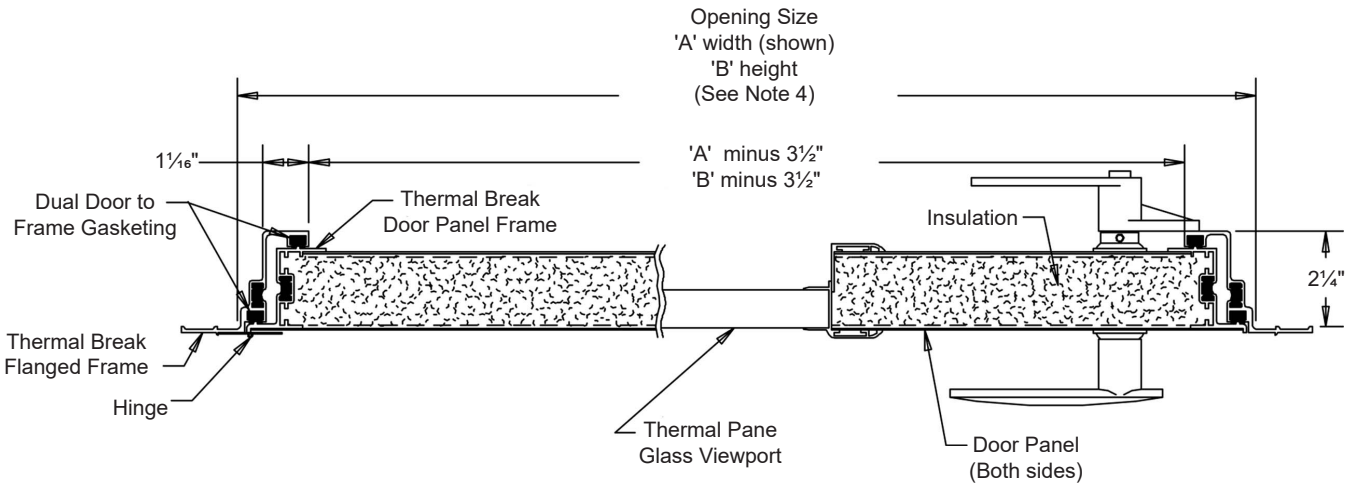
(When specifying non-standard viewport locations, 'H' cannot be greater than 'B' - 11".)

6. Door width cannot exceed two times door height.
7. Please refer to the installation instructions for mounting of handles and door assembly mounting.
8. In-swing doors are recommended for positive pressures. Out-swing doors are recommended for negative pressures.



DOOR SIZES

Min Size	Max Size
12"W x 12"H	48"W x 96"H



For handwritten orders, use the schedule block on page 3.

In the interest of product development, Louvers & Dampers reserves the right to make changes without notice.

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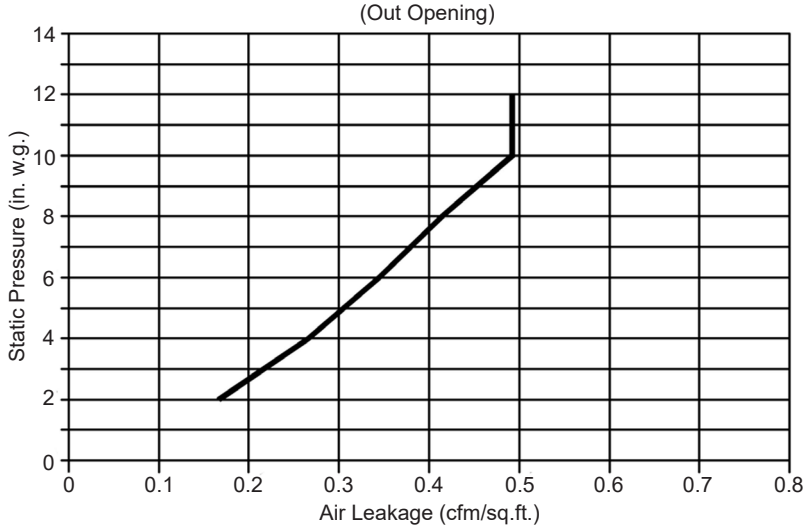
PERFORMANCE DATA

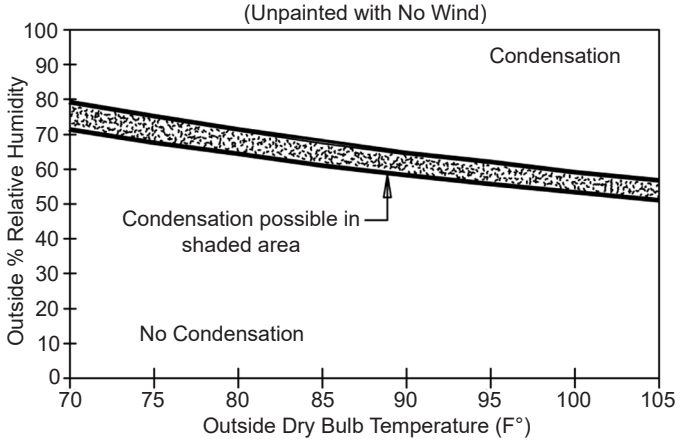
Air Leakage
(Out Opening)



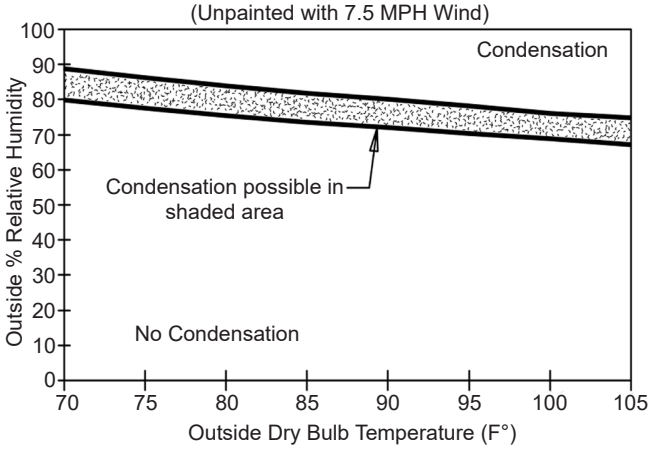
Air leakage chart is based upon independent air leakage tests conducted by Architectural Testing Laboratory. The out-opening model of a 26" x 60" AHF-T2 was tested. Tests were in accordance with ASTM E 283-91 "Determining the Rate of Air Leakage through Exterior Windows, Curtain Walls, and Door under Specified Pressure Differences Across the Specimen". Louvers & Dampers recommends using out of opening doors for draw through applications and in opening (IO) for blow through applications.

Water leakage results are based upon testing per ASTM E 331-96 "Water Penetration of Exterior Windows, Curtain Walls, and Door by a Uniform Static Air Pressure Difference". The tests consisted of mounted doors under a pressure difference of .55 in. to 2 in. w.g. and subjecting them to a uniform rainfall rate of 8 in./hr. Over the 15 minute period Model AHF-T2 doors will allow approximately 0.4 gallons of water penetration (3.5 fl oz./min.).

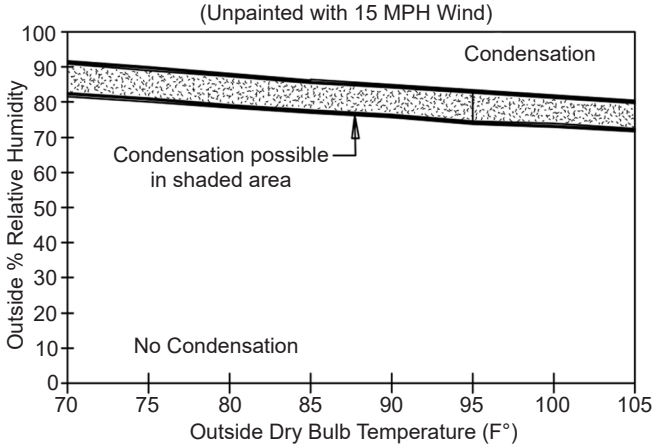
AHF-T2 Thermal Performance
(Unpainted with No Wind)



AHF-T2 Thermal Performance
(Unpainted with 7.5 MPH Wind)



AHF-T2 Thermal Performance
(Unpainted with 15 MPH Wind)



Thermal performance charts are representative for a maximum door size that is unpainted.

Thermal performance charts above are presented as a guideline only. Charts are based on heat transfer calculations and independent thermal performance tests conducted by Architectural Testing Laboratory. All calculations assume an inside temperature of 50°F and an inside velocity of 900 fpm, for a door size 48” x 96”. Tests are in accordance with ASTM C-1363-97 “Steady State Thermal Performance of Building Assemblies By Means of a Hot Box Apparatus”.

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SCHEDULE BLOCK

Item #	**Qty**	"A" Width	"B" Width	Right Hand	Left Hand	"H" (When Required)	
		Door Model		**Door Hinge**		**Non-Standard Viewport Location****	**Union Made**
Arch. / Eng.:				**EDR:**		**ECN:**	**Job:**
Contractor:							
Project:				**Date:**		**DWN:**	**DWG:**