

MODEL AHF-Z21

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

Standard Materials and Construction

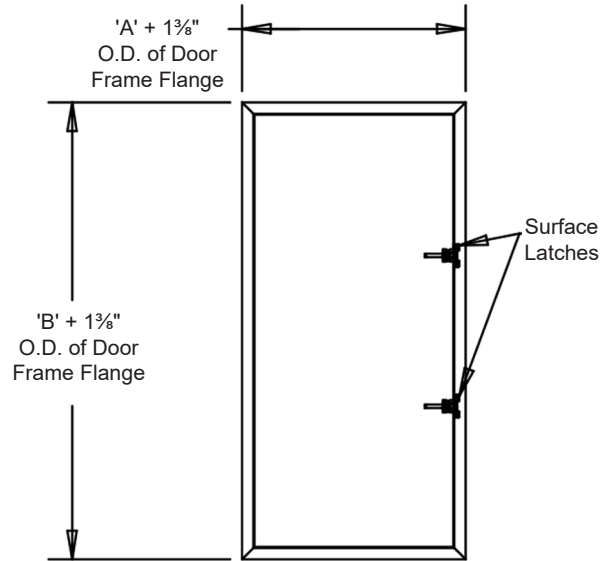
- FLANGED FRAME:** .100" thk. (nominal) extruded aluminum, 6063-T52-T6 alloy.
- DOOR FRAME:** .081" thk. (nominal) extruded aluminum, 6063-T52-T6 alloy.
- DOOR PANELS:** 20 GA. galvanized steel.
- INSULATION:** 2.25 lb. density polyurethane foam.
- HANDLES:** Die cast zinc.
- DUAL GASKET:** Continuous length extruded foam santoprene.
- HINGE:** Stainless steel continuous type.
- VIEWPORT GLASS:** Single pane, 1/4" 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 1/4" wire or plexiglass
- Double pane 1/4" wire
- Thermal pane 1/4" wire
- Finishes - Baked Enamel, Baked Epoxy, or Prime Coat

Notes

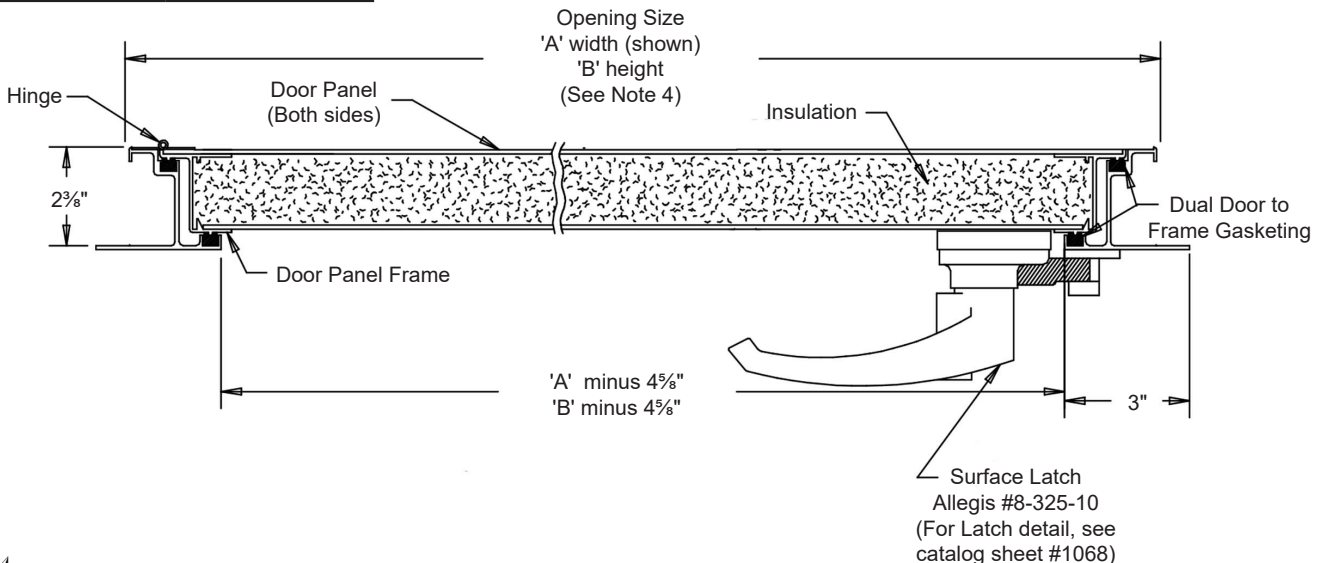
1. Hinge always furnished on "B" height dimension.
2. (G) designates doors with glass viewports. Specify (L/H) left hand or (R/H) right hand hinge when viewing from the outside.
3. 9" x 9" glass viewport are not available on units under 18" in width and 12" x 12" viewports are not available on units under 21" in width.
4. Unless otherwise specified, door will be fabricated 1/4" 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.



NOTE: A viewport is not recommended for this door product

Door Sizes

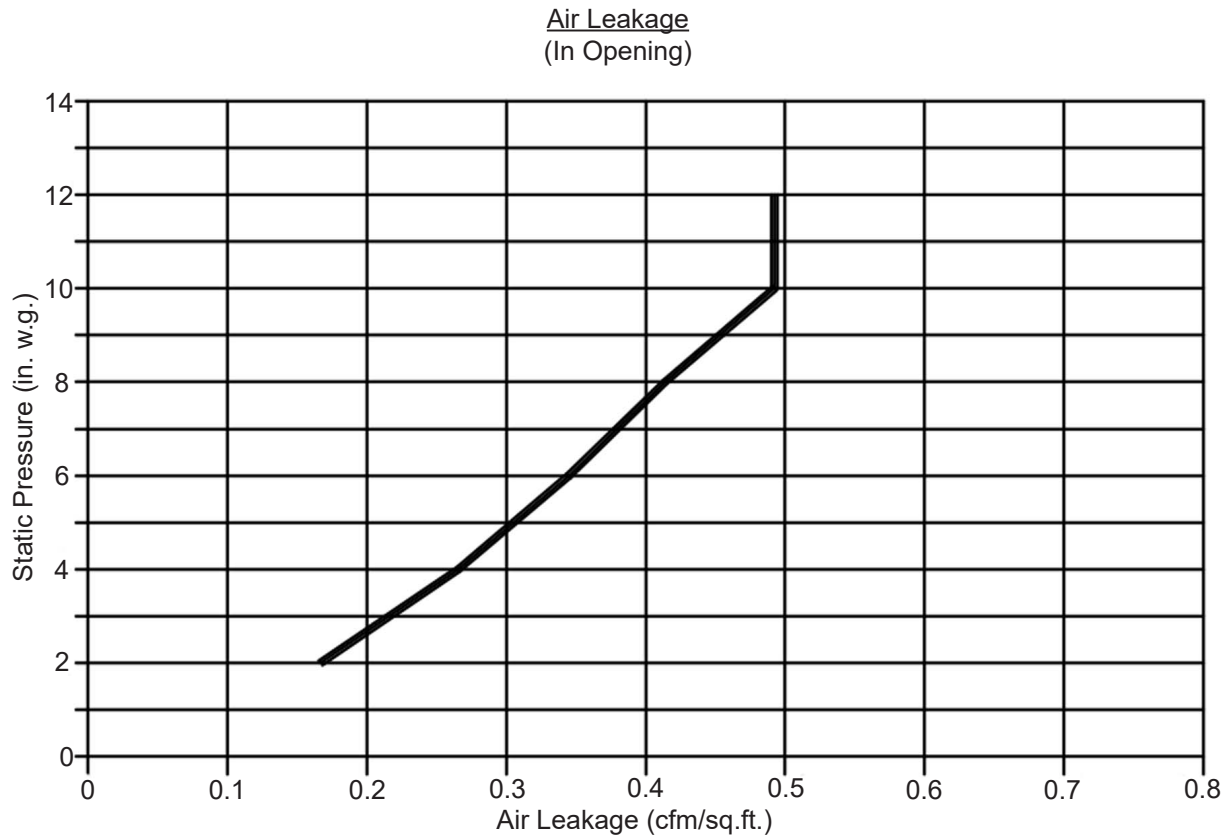
Min Size	Max Size
12"W x 12"H	48"W x 96"H



MODEL AHF-Z2I


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Performance Data



Air leakage chart is based upon independent air leakage tests conducted by Architectural Testing Laboratory. The out-opening model of a 24" x 60" AHF-Z2 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". Arrow United Industries 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, the Model AHF-Z2 doors (24" x 60") will allow approximately 0.4 gallons of water penetration (3.5 fl oz./min.).

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

** See Note 5 on Page 1 for details.

