# MODEL AHF-10I-15I-20I

Standard Access Door • 1", 11/2", or 2" Deep • In-Swing • Extruded Aluminum

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## Standard Materials and 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: Duel esting die eest zing

**HANDLES**: Dual-acting die cast zinc.

GASKET: Continuous length extruded foam santoprene.

HINGE: Stainless steel continuous type.

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 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 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  $\frac{1}{4}$ " under listed size. Dimensional tolerance is  $\pm$  .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 its 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.

# Glass Viewport Dual Acting Handles (See Note 5)

'A' + 1¾"

O.D. of Door

Frame Flange

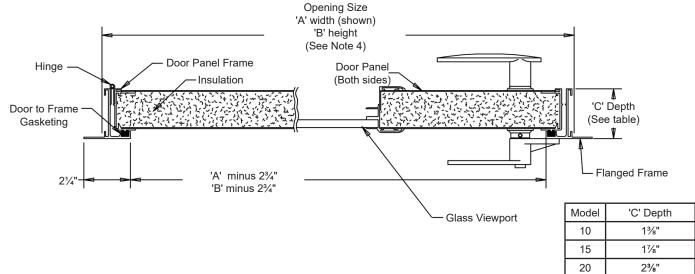
'B' + 13/4"

O.D. of Door

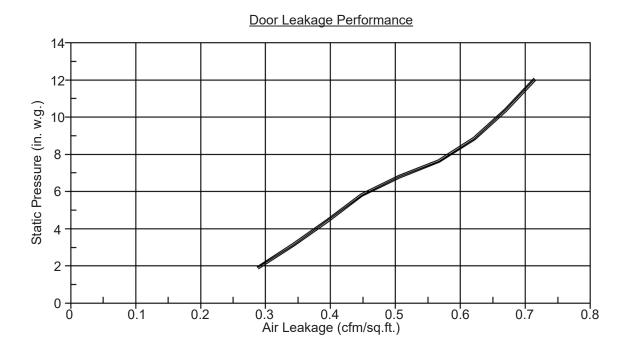
Frame Flange

### **Door Sizes**

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



## Door Leakage Data



# Model AHF-10 and AHF-20 Water Leakage Performance

Water leakage results are based upon testing per ASTM E 331-86 "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 2 in. w.g. and subjecting them to a uniform water spray for 15 minutes. The spray was equivalent to a torrential rainfall rate of 8 in./hr. Over the 15 minute period, the Model AHF-10 and AHF-20 (24"x60") doors allowed approximately 0.4 gallons of water penetration (3.5 fl oz./min.).

Item #	Qty	-101	-151	-201	Left Hand	Right Hand	"A" Wi	idth	"B" Height	"H (When R			00	
		Door Model				oor nge Opening Size		ng Size	Non-Standard Viewport Location**			Union Made		
Arch. / Eng.:							EDR:			ECN:		Job:		
Contractor:		·												
Project:					Date:		DWN:		DWG:					



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\*\* See Note 5 on Page 1 for details.