

Standard Access Door • 4" Deep • Out-Swing • Thermal Break • Extruded Aluminum

STANDARD CONSTRUCTION

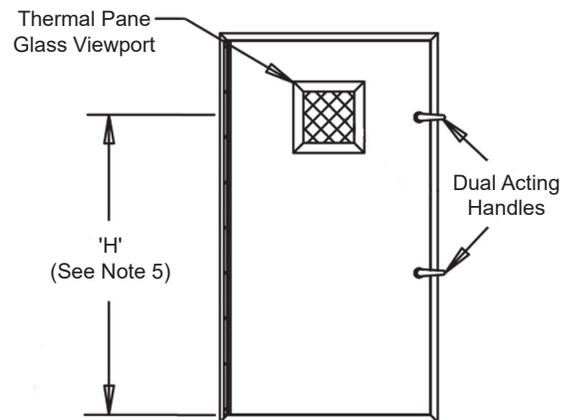
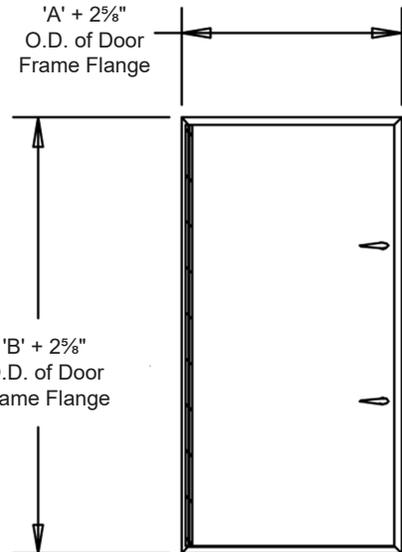
- FLANGED FRAME:** .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.
- DOOR FRAME:** .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.
- DOOR PANELS:** 20 GA. galvanized steel.
- INSULATION:** 2.25 lb. density polyurethane foam.
- HANDLES:** Dual-acting #310 die cast zinc.
- DUAL GASKET:** Continuous length extruded foam santoprene.
- HINGE:** Stainless steel continuous type - out swing.
- 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
- Handles - Chrome plated
- Finishes - Baked Enamel, Baked Epoxy, or Prime Coat

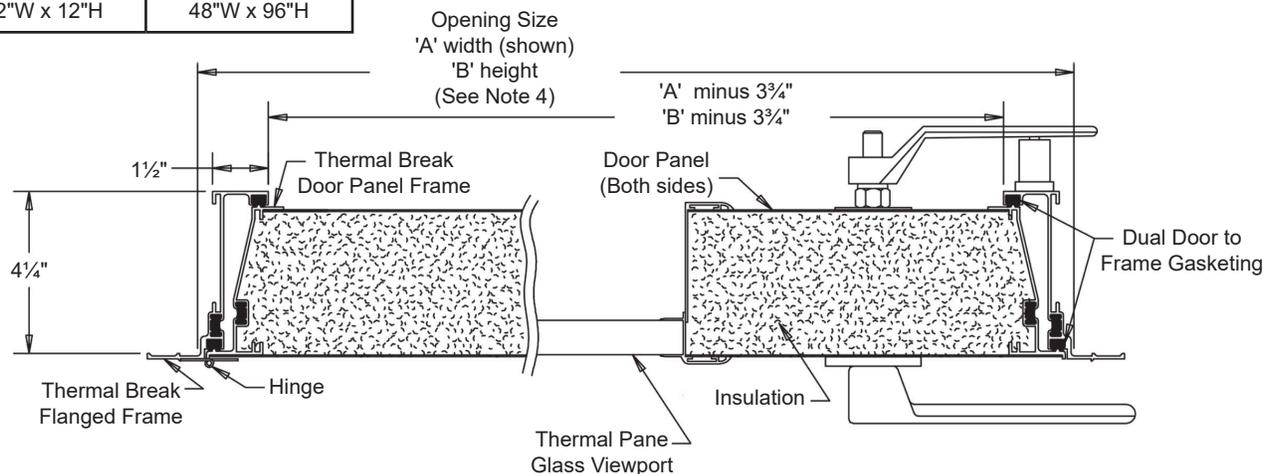
NOTES

1. Hinge always furnished on "B" height dimension.
2. (G) designates doors with glass view ports. 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 23" in width when using a #310 handle, 19" in width when using an optional Austin-Romtech handle. 12" x 12" view ports are not available on units under 26" in width when using a #310 handle, 22" in width when using an optional Austin-Romtech handle. For door sizes less than the minimum shown, please consult the factory.
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.



DOOR SIZES

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



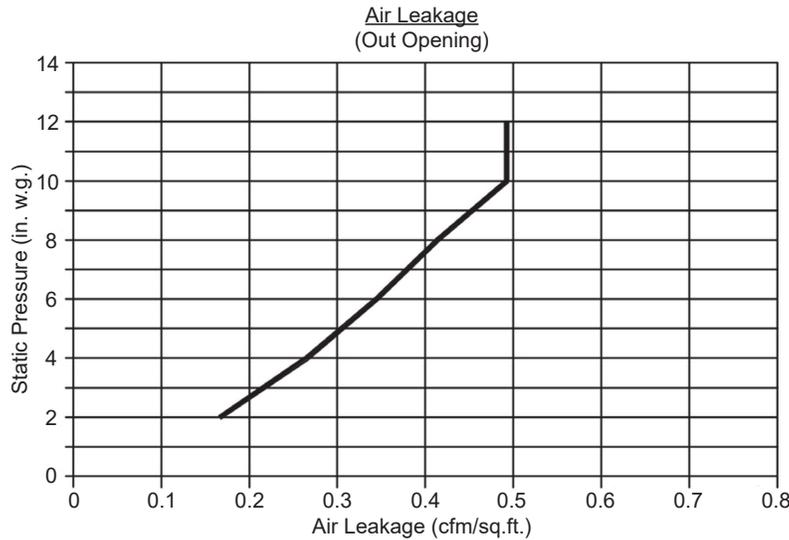
For handwritten orders, use the schedule block on page 3.

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

www.louvers-dampers.com

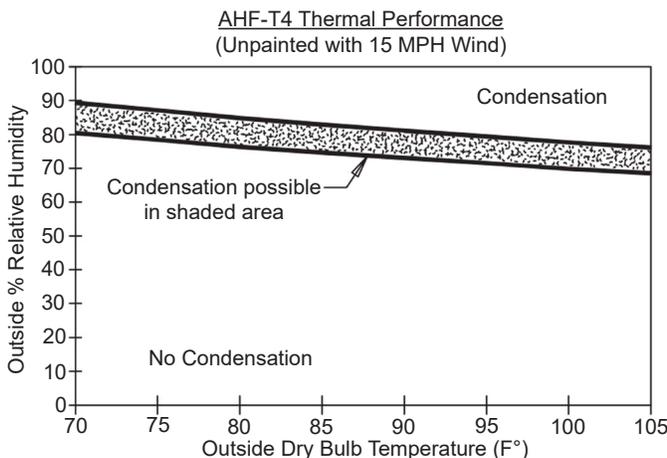
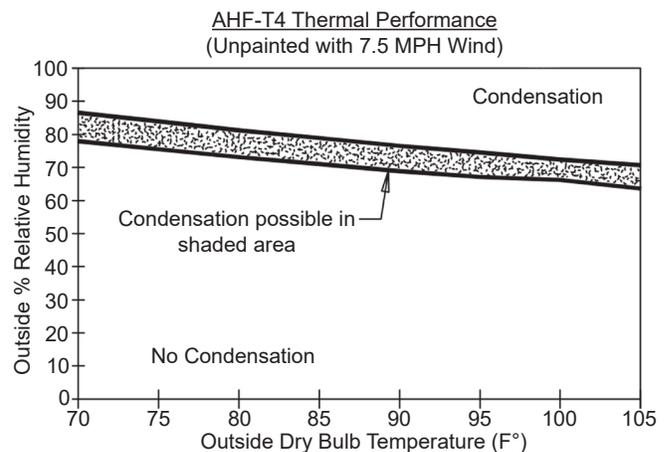
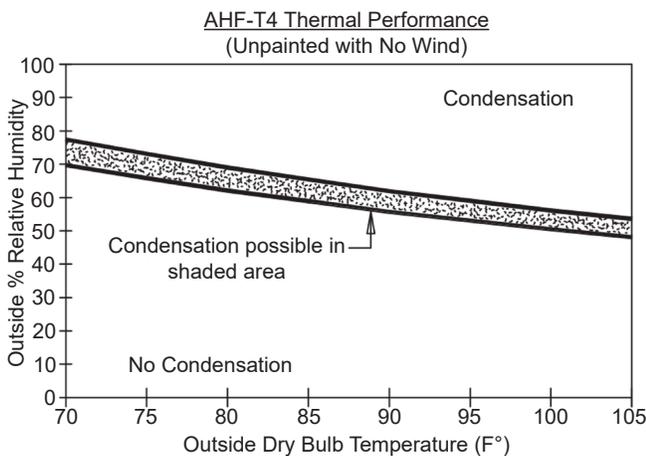
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PERFORMANCE DATA



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-T4 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-T4 doors (24" x 60") will allow approximately 0.4 gallons of water penetration (3.5 fl oz./min.).



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 the 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".

Model AHF-T4

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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:			