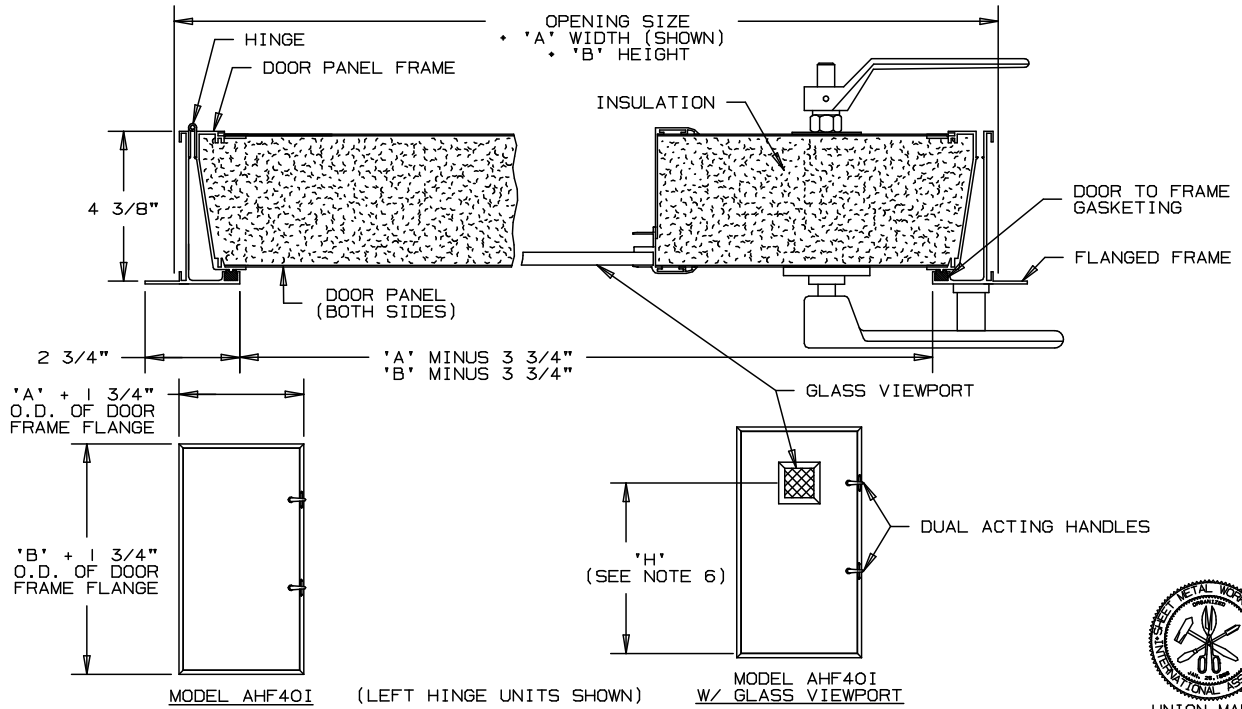


ARROW (IN-SWING ONLY) STANDARD ACCESS DOOR

TYPE AHF40I



MODEL AHF40I (LEFT HINGE UNITS SHOWN) MODEL AHF40I W/ GLASS VIEWPORT


SCHEDULE

ITEM	QTY	MODEL		OPENING SIZE		NON-STANDARD VIEWPORT LOCATION ** (SEE NOTE 6) 'H' (WHEN REQ'D)	NON-STANDARD INSULATION			IDENTIFICATION
		AHF40I	**VIEWPORT L/H R/H	'A' WIDTH	'B' HEIGHT		1 1/2 LB	3 LB	8 LB	
		AHF40I								
		AHF40I								

NOTES

- HINGE ALWAYS FURNISHED ON 'B' HEIGHT DIMENSION.
- (G) DESIGNATES DOORS WITH GLASS VIEWPORTS, SPECIFY (L/H) LEFT HAND OR (R/H) RIGHT HAND HINGE WHEN VIEWING FROM THE OUTSIDE.
- 9" x 9" GLASS VIEWPORT NOT AVAILABLE ON UNITS UNDER 25" IN WIDTH USING A #310 HANDLE, 19" IN WIDTH WHEN USING AN OPTIONAL AUSTIN-ROMTECH HANDLE. 12" x 12" GLASS VIEWPORT NOT AVAILABLE ON UNITS UNDER 28" IN WIDTH USING A #310 HANDLE, 22" IN WIDTH WHEN USING AN OPTIONAL AUSTIN-ROMTECH HANDLE. FLOOR DOOR SIZES LESS THAN THE MINIMUM SHOWN, PLEASE CONSULT THE FACTORY.
- UNLESS OTHERWISE SPECIFIED, DOOR WILL BE FABRICATED 1/4" UNDER LISTED SIZE. DIMENSIONAL TOLERANCE IS ±.075.
- PLEASE REFER TO INSTALLATION INSTRUCTIONS FOR MOUNTING OF HANDLES, AND DOOR ASSEMBLY MOUNTING.
- 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"
- MINIMUM SIZE 12" WIDE x 12" HIGH
MAXIMUM SIZE 48" WIDE x 96" HIGH
(WIDTH CANNOT EXCEED 2x HEIGHT)
- OPTIONAL MATERIALS AVAILABLE FOR THE FOLLOWING COMPONENTS:
DOOR PANELS-BONDERIZED STEEL, ALUMINUM OR STAINLESS STEEL
VIEWPORT GLASS-SINGLE PANE: PLEXIGLASS
DOUBLE PANE: 1/4" WIRE
1/4" WIRE THERMAL PANE
HANDLES-CHROME PLATED
- IN-SWING DOORS ARE RECOMMENDED FOR POSITIVE PRESSURES, OUT-SWING DOORS ARE RECOMMENDED FOR NEGATIVE PRESSURES

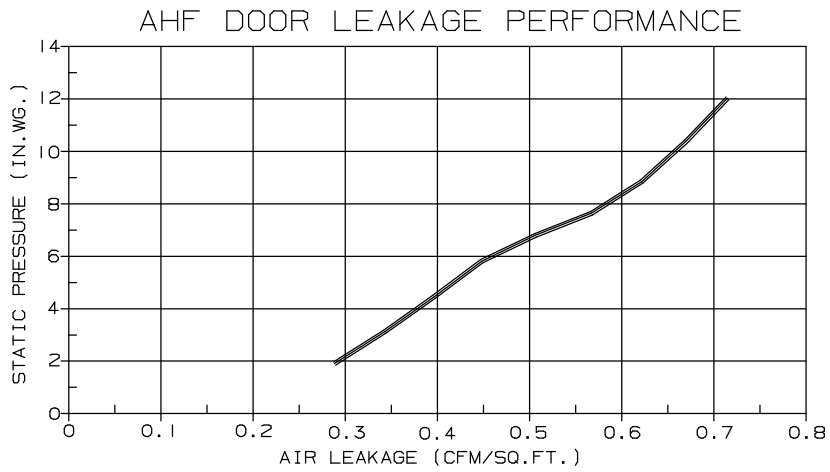
SPECIFICATIONS

FLANGED FRAME .080-6063-T5 EXTRUDED ALUMINUM DOOR PANEL FRAME .080-6063-T5 EXTRUDED ALUMINUM			DOOR PANELS 20 GA. GALVANIZED STEEL INSULATION 2.25 LB. DENSITY POLYURETHANE FOAM HANDLES #310 DUAL ACTING DIE CAST ZINC GASKET CONTINUOUS LENGTH EXTRUDED FOAMED SANTOPRENE			HINGE STAINLESS STEEL CONTINUOUS TYPE VIEWPORT GLASS (SINGLE PANE) 1/4" WIRE (9"x9" STANDARD) (12"x12" OPTIONAL) FINISH MILL			PROJECT/LOCATION ARCHITECT/ENGINEER CONTRACTOR SALES ENGINEER		
 ARROW UNITED INDUSTRIES A DIVISION OF MESTEK, INC. 314 RIVERSIDE DRIVE WYALUSING, PA 18853 TEL: (570) 746-1888 FAX: (570) 746-9286											

ACCESS DOOR-MODELS AHF40I

DRAWN BY LCC
DATE 2/13/02

DRAWING NO.
9-103

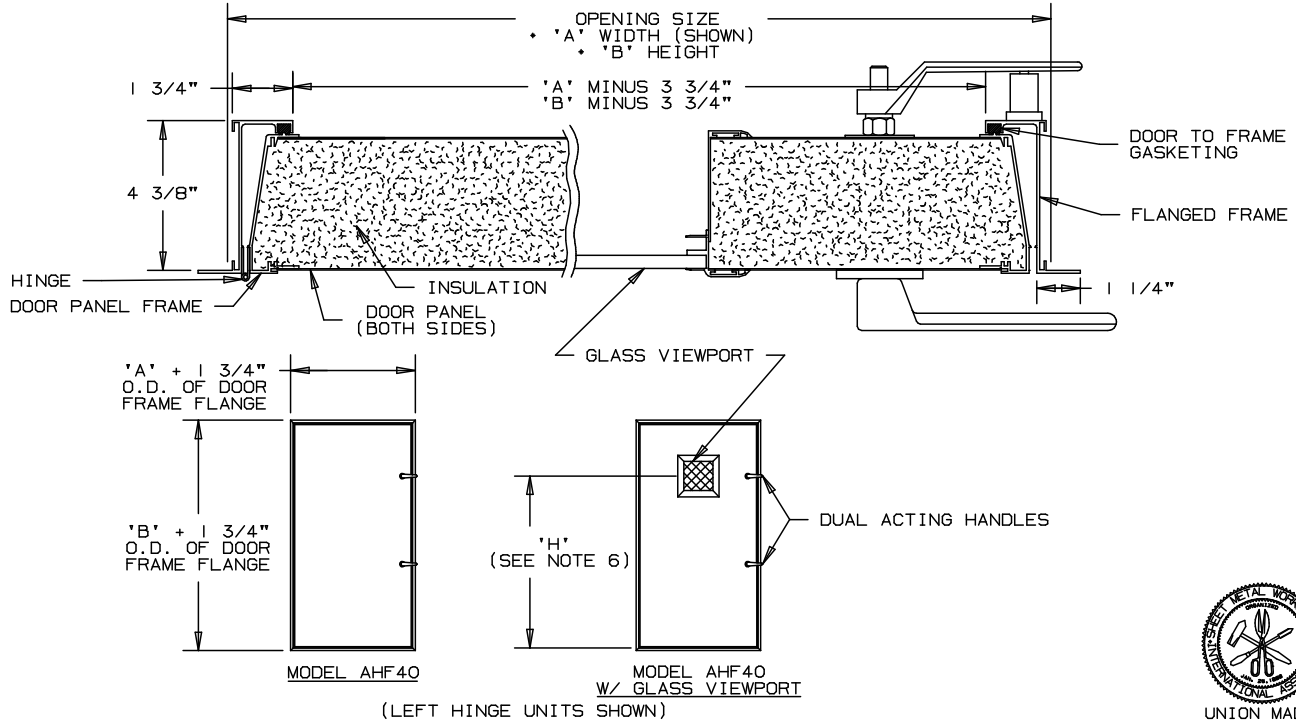


MODEL AHF-10 & AHF-20 WATER LEAKAGE PERFORMANCE

WATER LEAKAGE RESULTS ARE BASED UPON TESTING PER ASTM E 331-86 "WATER PENETRATION OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY A UNIFORM STATIC AIR PRESSURE DIFFERENCE". THE TESTS CONSISTED OF MOUNTED DOORS UNDER A PRESSURE DIFFERENCE OF 2" WG AND SUBJECTING THEM TO A UNIFORM WATER SPRAY FOR 15 MINUTES. THE SPRAY WAS EQUIVALENT TO A TORRENTIAL RAINFALL RATE OF 8 INCHES/HOUR. OVER THE 15 MINUTE PERIOD MODEL AHF-10 AND AHF-20 (24"x60") DOORS ALLOWED APPROXIMATELY 0.4 GALLONS OF WATER PENETRATION (3.5 FL OZ./MIN.).

ARROW (OUT-SWING ONLY) STANDARD ACCESS DOOR

TYPE AHF40



SCHEDULE

ITEM	QTY	MODEL		OPENING SIZE		NON-STANDARD VIEWPORT LOCATION ** (SEE NOTE 6) *H* (WHEN REQ'D)	IDENTIFICATION
		AHF40	**VIEWPORT L/H R/H	*A* WIDTH	*B* HEIGHT		
		AHF40					
		AHF40					

NOTES

- HINGE ALWAYS FURNISHED ON 'B' HEIGHT DIMENSION.
- (G) DESIGNATES DOORS WITH GLASS VIEWPORTS, SPECIFY (L/H) LEFT HAND OR (R/H) RIGHT HAND HINGE WHEN VIEWING FROM THE OUTSIDE.
- 9" x 9" GLASS VIEWPORT NOT AVAILABLE ON UNITS UNDER 25" IN WIDTH USING A #310 HANDLE, 19" IN WIDTH WHEN USING AN OPTIONAL AUSTIN-ROMTECH HANDLE. 12" x 12" GLASS VIEWPORT NOT AVAILABLE ON UNITS UNDER 28" IN WIDTH 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.
- UNLESS OTHERWISE SPECIFIED, DOOR WILL BE FABRICATED 1/4" UNDER LISTED SIZE. DIMENSIONAL TOLERANCE IS ±.075.
- PLEASE REFER TO INSTALLATION INSTRUCTIONS FOR MOUNTING OF HANDLES, AND DOOR ASSEMBLY MOUNTING.
- 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"
- MINIMUM SIZE 12" WIDE x 12" HIGH
MAXIMUM SIZE 48" WIDE x 96" HIGH
(WIDTH CANNOT EXCEED 2x HEIGHT)
- OPTIONAL MATERIALS AVAILABLE FOR THE FOLLOWING COMPONENTS:
DOOR PANELS-BONDERIZED STEEL, ALUMINUM OR STAINLESS STEEL
VIEWPORT GLASS-SINGLE PANE: PLEXIGLASS
DOUBLE PANE: 1/4" WIRE
1/4" WIRE THERMAL PANE
HANDLES-CHROME PLATED
- IN-SWING DOORS ARE RECOMMENDED FOR POSITIVE PRESSURES, OUT-SWING DOORS ARE RECOMMENDED FOR NEGATIVE PRESSURES.

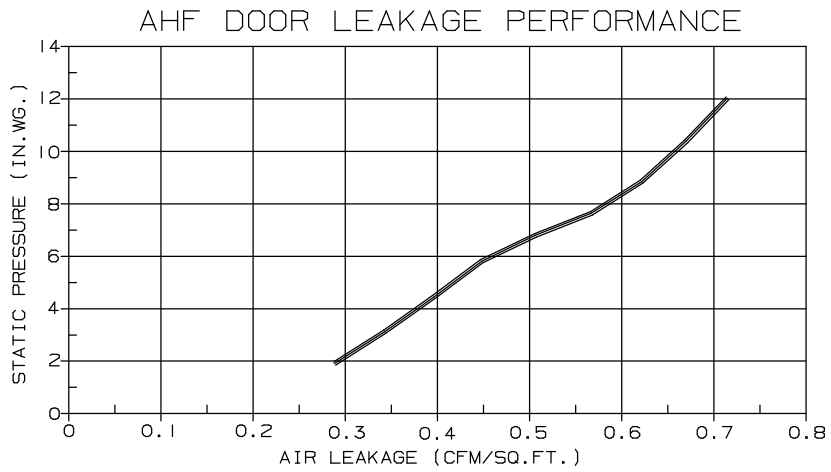
SPECIFICATIONS

FLANGED FRAME .O80-6063-T5 EXTRUDED ALUMINUM			DOOR PANELS 20 GA. GALVANIZED STEEL			HINGE STAINLESS STEEL CONTINUOUS TYPE			PROJECT/LOCATION		
DOOR PANEL FRAME .O80-6063-T5 EXTRUDED ALUMINUM			INSULATION 2.25 LB. DENSITY POLYURETHANE FOAM			VIEWPORT GLASS (SINGLE PANE) 1/4" WIRE (9"x9" STANDARD) (12"x12" OPTIONAL)			ARCHITECT/ENGINEER		
			HANDLES #310 DUAL ACTING DIE CAST ZINC			FINISH MILL			CONTRACTOR		
			GASKET CONTINUOUS LENGTH EXTRUDED FOAMED SANTOPRENE						SALES ENGINEER		
									ARROW UNITED INDUSTRIES A DIVISION OF MESTEK, INC. 314 RIVERSIDE DRIVE WYALUSING, PA 18853 TEL: (570) 746-1888 FAX: (570) 746-9286		

ACCESS DOOR-MODELS AHF40

DRAWN BY: LCC
DATE: 2/13/02

DRAWING NO. 9-102



MODEL AHF-10 & 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 DOORS BY A UNIFORM STATIC AIR PRESSURE DIFFERENCE". THE TESTS CONSISTED OF MOUNTED DOORS UNDER A PRESSURE DIFFERENCE OF 2" WG AND SUBJECTING THEM TO A UNIFORM WATER SPRAY FOR 15 MINUTES. THE SPRAY WAS EQUIVALENT TO A TORRENTIAL RAINFALL RATE OF 8 INCHES/HOUR. OVER THE 15 MINUTE PERIOD MODEL AHF-10 AND AHF-20 (24"x60") DOORS ALLOWED APPROXIMATELY 0.4 GALLONS OF WATER PENETRATION (3.5 FL OZ./MIN.).