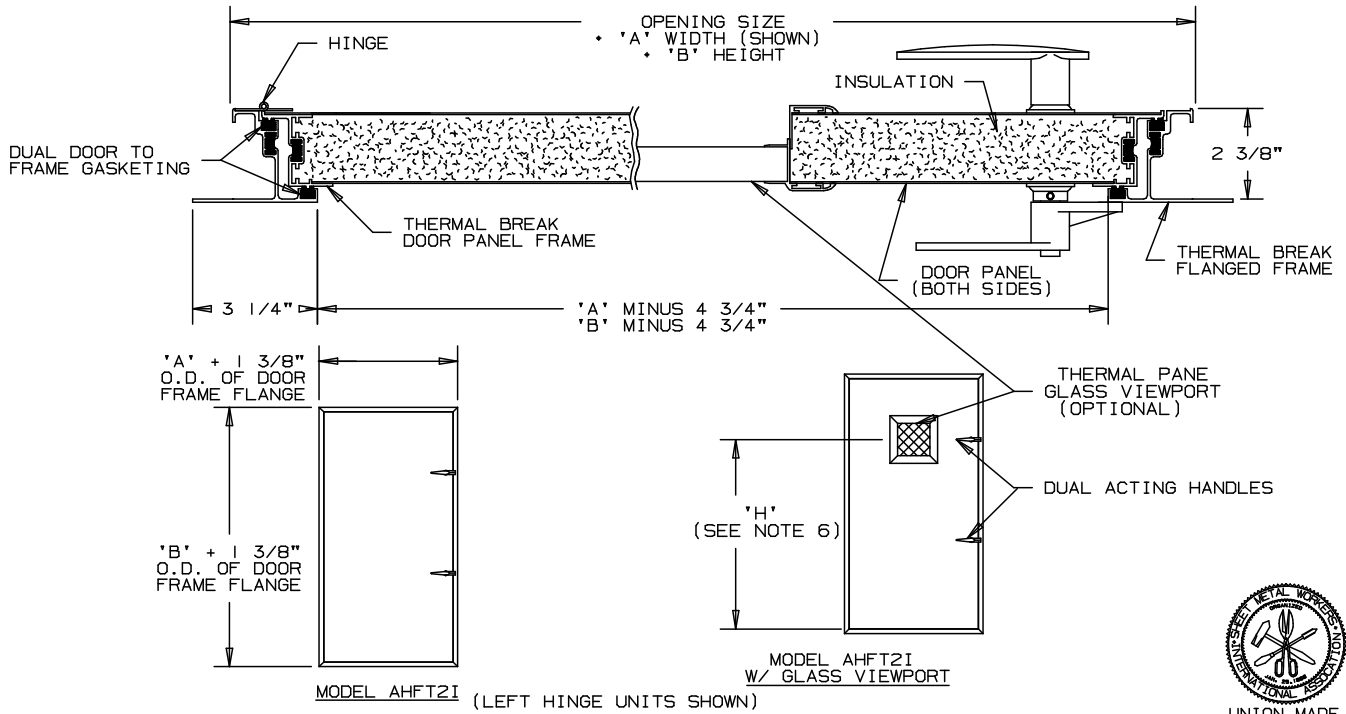


ARROW (IN-SWING ONLY) TYPE 2" THERMAL BREAK ACCESS DOOR AHFT2I



SCHEDULE

ITEM	QTY	MODEL		OPENING SIZE		NON-STANDARD VIEWPORT LOCATION ** (SEE NOTE 6) 'H' (WHEN REQ'D)	IDENTIFICATION
		AHFT2I	**VIEWPORT L/H R/H	'A' WIDTH	'B' HEIGHT		
		AHFT2I					
		AHFT2I					

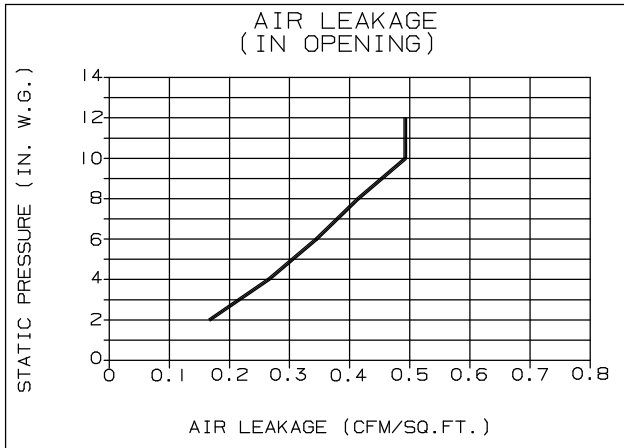
NOTES

- 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 21" IN WIDTH WHEN USING #260 HANDLE OR OPTIONAL AUSTIN ROMTECH HANDLE, 27" IN WIDTH WHEN USING THE OPTIONAL #310 HANDLE. 12" x 12" GLASS VIEWPORT NOT AVAILABLE ON UNITS UNDER 24" IN WIDTH WHEN USING #260 HANDLE, OR OPTIONAL AUSTIN ROMTECH HANDLE, 30" IN WIDTH WHEN USING THE OPTIONAL #310 HANDLE. FOR DOOR SIZES LESS THAN THE MINIMUMS 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:
DOOR PANELS-BONDERIZED STEEL, ALUMINUM OR STAINLESS STEEL
VIEWPORT SIZE: 9"x9" OR 12"x12"
VIEWPORT GLASS-SINGLE PANE: PLEXIGLASS
1/4" WIRE
DOUBLE PANE: 1/4" WIRE
THERMAL PANE: 1/4" WIRE
HANDLES-CHROME PLATED
- IN-SWING DOORS ARE RECOMMENDED FOR POSITIVE PRESSURES, OUT-SWING DOORS ARE RECOMMENDED FOR NEGATIVE PRESSURES.

SPECIFICATIONS

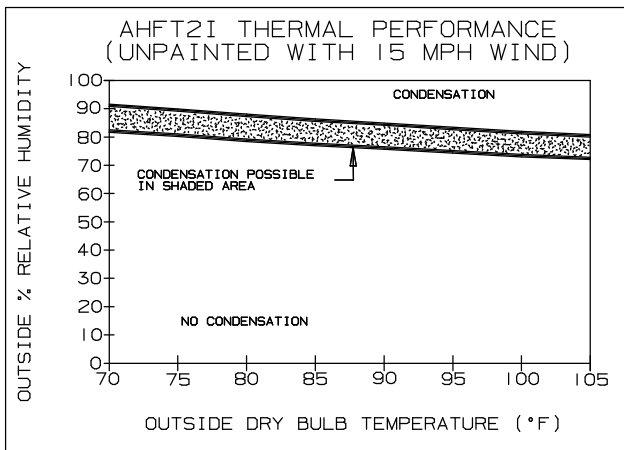
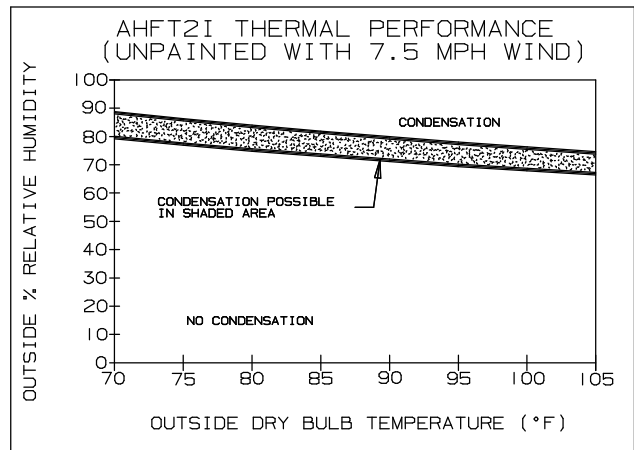
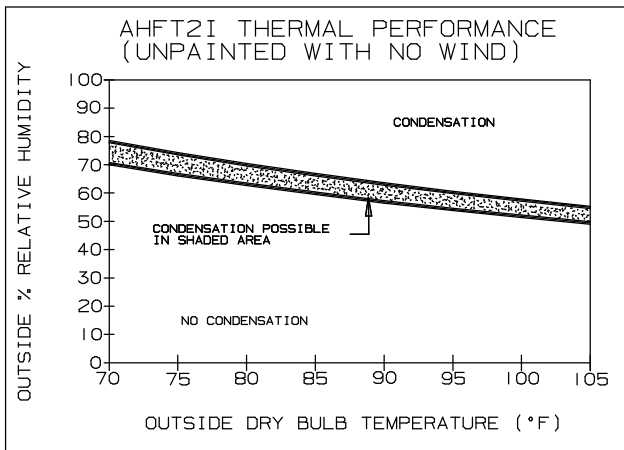
FLANGED FRAME .O80-6063-T6/T52 EXTRUDED ALUMINUM			DOOR PANELS 20 GA. GALVANIZED STEEL			HINGE STAINLESS STEEL CONTINUOUS TYPE - IN SWING			PROJECT/LOCATION		
DOOR PANEL FRAME .O80-6063-T6/T52 EXTRUDED ALUMINUM			HANDLES DUAL ACTING #260 DIE CAST ZINC			INSULATION 2.25 LB. DENSITY POLYURETHANE FOAM			ARCHITECT/ENGINEER		
DUAL GASKET CONTINUOUS LENGTH EXTRUDED FOAMED SANTOPRENE			FINISH MILL						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-MODEL AHFT2I						DRAWN BY: LCC DATE: 2/18/02			DRAWING NO. 9-301		

AHFT2I PERFORMANCE CHARACTERISTICS



AIR LEAKAGE CHART IS BASED UPON INDEPENDENT AIR LEAKAGE TESTS CONDUCTED BY ARCHITECTURAL TESTING LABORATORY. THE IN-OPENING MODEL OF A 24" x 60" AHFT2I WAS TESTED. TESTS WERE IN ACCORDANCE WITH ASTM E 283-91. *DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMAN". ARROW UNITED INDUSTRIES RECOMMENDS USING OUT OPENING DOORS FOR BLOW 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 DOORS BY A UNIFORM STATIC AIR PRESSURE DIFFERENCE". THE TESTS CONSISTED OF MOUNTING DOORS UNDER A PRESSURE DIFFERENCE .55" TO 2" WG AND SUBJECTING THEM TO A UNIFORM RAINFALL RATE OF 8 INCHES/HOUR. OVER THE 15 MINUTE PERIOD MODEL AHFT2I DOORS (24" x 60") WILL ALLOW APPROXIMATELY 0.4 GALLONS OF WATER PENETRATION (3.5 FL. OZ./MIN.).

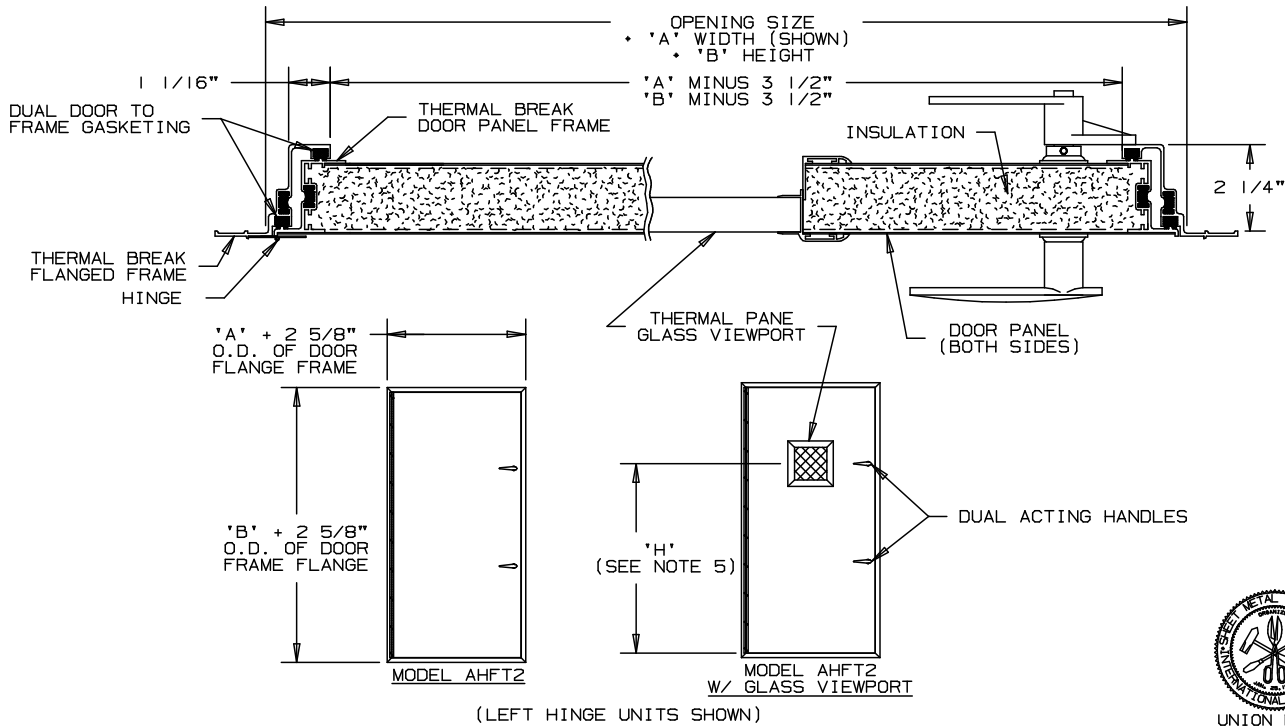


THERMAL PERFORMANCE CHARTS ARE REPRESENTATIVE FOR A MAXIMUM DOOR SIZE THAT IS UNPAINTED.

THERMAL PERFORMANCE CHARTS ABOVE ARE PRESENTED AS A GUIDELINE ONLY. CHARTS ARE BASED ON HEAT TRANSFER CALCULATIONS AND INDEPENDANT 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"x96". TESTS ARE IN ACCORDANCE WITH ASTM C-1363-97 "STEADY STATE THERMAL PERFORMANCE OF BUILDING ASSEMBLIES BY MEANS OF A HOT BOX APPARATUS".

ARROW (OUT-SWING ONLY) TYPE 2 2" THERMAL BREAK ACCESS DOOR AHFT2

-10
-20
-30



SCHEDULE

ITEM	QTY	MODEL		OPENING SIZE		NON-STANDARD VIEWPORT LOCATION ** (SEE NOTE 5) *H* (WHEN REQ'D)	IDENTIFICATION
		AHFT2	**VIEWPORT L/H R/H	*A* WIDTH	*B* HEIGHT		
		AHFT2					
		AHFT2					

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 AND 12" x 12" VIEWPORTS 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. MINIMUM SIZE 12" WIDE x 12" HIGH
 MAXIMUM SIZE 48" WIDE x 96" HIGH
 (WIDTH CANNOT EXCEED 2x HEIGHT)
7. OPTIONAL MATERIALS AVAILABLE FOR THE FOLLOWING COMPONENTS:
 DOOR PANELS - BONDERIZED STEEL, ALUMINUM OR STAINLESS STEEL
 VIEWPORT GLASS - SINGLE PANE: PLEXIGLASS 1/4" WIRE
 DOUBLE PANE: 1/4" WIRE
 HANDLES - CHROME PLATED
8. PLEASE REFER TO INSTALLATION INSTRUCTIONS FOR MOUNTING OF HANDLES, AND DOOR ASSEMBLY MOUNTING.
9. IN-SWING DOORS ARE RECOMMENDED FOR POSITIVE PRESSURES, OUT-SWING DOORS ARE RECOMMENDED FOR NEGATIVE PRESSURES

SPECIFICATIONS

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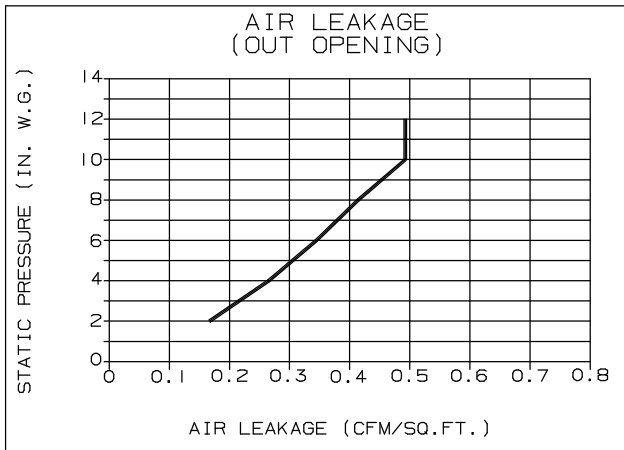
ARROW UNITED INDUSTRIES
 A DIVISION OF MESTEK, INC.
 314 RIVERSIDE DRIVE
 WYALUSING, PA 18853
 TEL: (570) 746-1888
 FAX: (570) 746-9286

ACCESS DOOR-MODEL AHFT2

DRAWN BY: LCC
 DATE: 2/18/02

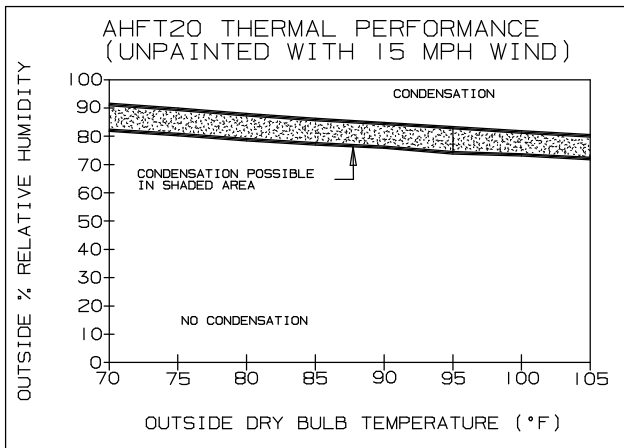
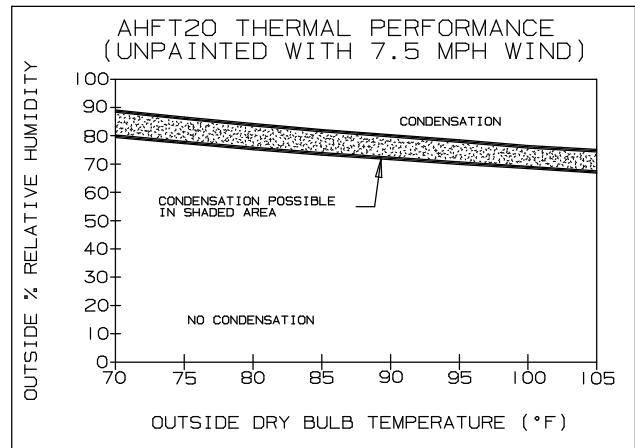
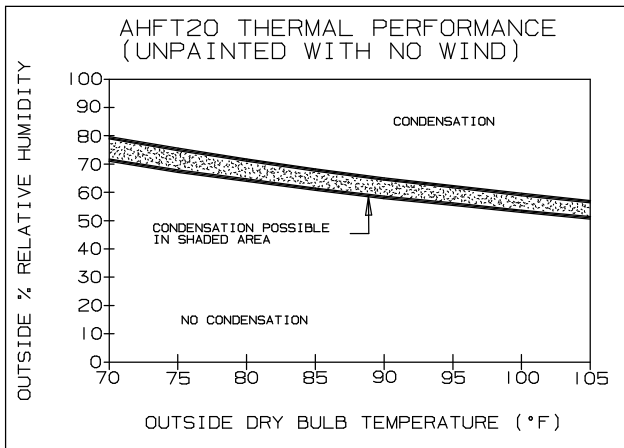
DRAWING NO.
 9-300

AHFT20 PERFORMANCE CHARACTERISTICS



AIR LEAKAGE CHART IS BASED UPON INDEPENDENT AIR LEAKAGE TESTS CONDUCTED BY ARCHITECTURAL TESTING LABORATORY. THE OUT-OPENING MODEL OF A 24" x 60" AHFT20 WAS TESTED. TESTS WERE IN ACCORDANCE WITH ASTM E 283-91. "DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMAN". ARROW UNITED INDUSTRIES RECOMMENDS USING OUT OPENING DOORS FOR BLOW 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 DOORS BY A UNIFORM STATIC AIR PRESSURE DIFFERENCE". THE TESTS CONSISTED OF MOUNTING DOORS UNDER A PRESSURE DIFFERENCE .55" TO 2" WG AND SUBJECTING THEM TO A UNIFORM RAINFALL RATE OF 8 INCHES/HOUR. OVER THE 15 MINUTE PERIOD MODEL AHFT20 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 INDEPENDANT 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"x96". TESTS ARE IN ACCORDANCE WITH ASTM C-1363-97 "STEADY STATE THERMAL PERFORMANCE OF BUILDING ASSEMBLIES BY MEANS OF A HOT BOX APPARATUS".