



## SUBMITTAL: FD3D™ SERIES 3 HOUR FIRE-RATED ACCESS PANEL DOUBLE DOOR

The Maxam three hour wall and ceiling door available on the market, offering architects and engineers unprecedented flexibility in designing. Double leaf reduces the swing radius and clears objects which interfere with the opening of the door. Tested and listed by Intertek Warnock Hersey for a three hour fire rating.

**Materials:** Satin finish galvanized steel or 304 stainless steel

**Frame:** 16 ga. up to and including 30" x 48". Larger sizes are 14 ga. Removable center mullion. Frame Depth 3 1/4" (83 mm).

**Flange:** 7/8" (22 mm), up to and including 36" x 36". Larger sizes are 1-1/4" (32mm).

**Door Panel:** 18 ga. panel with 22 ga. liner.

**Insulation:** The door panel contains 2 1/2" of high temperature insulation material.

**Finishes:** Rust-inhibitive off-white prime coat or # 4 polished stainless steel finish on exterior surface.

**Hinges:** Concealed continuous rod hinge. 48" or longer in wall position will be a continuous piano hinge. Stainless models have a stainless steel continuous piano hinge. Hinge is the (H) dimension.

**Panel Closer:** The automatic panel closer will close and latch the door from an open position of approximately 90° as required by NFPA 80.

**Latch:** The standard factory installed latch is a flush mount 1/4" Allen key. All fire-rated locks are self-latching and include an interior latch release mechanism allowing the doors to be opened from the inside.

**Sizes:** Minimum size 30" x 12"(W x H). Maximum size for walls is 48" x 60", for ceilings is 60" x 48".



**STEP 1: SELECT MODEL NUMBER AND QUANTITY ON CHART PAGE 2 OR ENTER CUSTOM SIZE BELOW**

\_\_\_ " Width x \_\_\_ " Height - **Rough opening is order size**

Frame size is 1/4" less than ordering size.

**STEP 2: SELECT APPLICATION**

\_\_\_ Wall (FD3DW) \_\_\_ Ceiling (FD3DC)

**STEP 3: SELECT MATERIAL**

\_\_\_ Satin finish galvanized steel \_\_\_ 304 No. 4 polished stainless steel exterior surface

**STEP 4: SELECT LATCH OPTIONS FROM PAGE 3 -5**

**STEP 5: SELECT OPTIONAL FEATURES AT ADDITIONAL COST**




\_\_\_ Continuous piano hinge for under 48" panel.

\_\_\_ Masonry Straps.


**Note:**

Some Lock Options are not included in standard

**Intertek Warnock Hersey Listed and Labeled:**  
 3 Hour Fire Rating for vertical and horizontal installation.  
 Temp Rise Max: 43° C / 77° F at 30 Min 149° C / 268° F at 60 Min.  
**Testing Standards:**  
 Vertical: NFPA 252, UL 10B, CAN/ULC S10 4  
 Horizontal: UBC 43-7

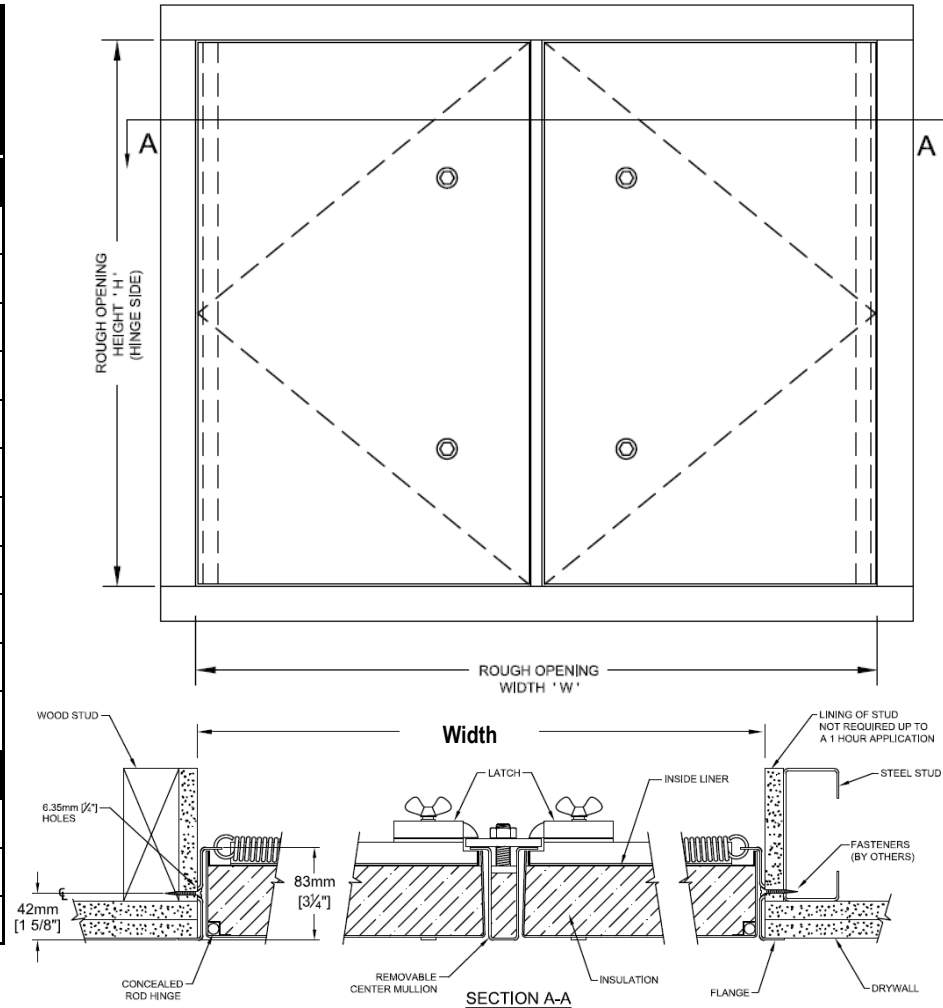
LATCH AND LOCK OPTIONS		
Standard 1/4" Allen Key	Optional Knurled Knob	Optional Mortise Lock
		

THIS MODEL AVAILABLE IN 2 HOUR RATING ALSO—SEE SEPARATE SUBMITTAL

 <b>JL INDUSTRIES</b>	Distributor:	Quantity:
	Contractor:	Approved By:
	Model #:	Architect:
	Project:	Date: © 2023 Activar Construction Products Group, Inc.
1/26/2023		



QTY	Rough Opening Size W x H H = Hinge Side		No. of Latches/Locks	Weight Kgs	Weight Lbs.
	Inches	Metric(mm)			
<b>WALLS OR CEILINGS</b>					
	<b>36 x 48</b>	914 x 1219	2	41.28	91
	<b>40 x 40</b>	1016 x 1016	2	38.56	85
	<b>40 x 48</b>	1016 x 1219	4	44.91	99
	<b>48 x 36</b>	1219 x 914	2	41.28	91
	<b>48 x 40</b>	1219 x 1016	4	44.91	99
	<b>48 x 48</b>	1219 x 1219	4	52.16	115
	<b>60 x 24</b>	1524 x 610	2	37.65	83
	<b>60 x 30</b>	1524 x 762	2	44.91	99
	<b>60 x 36</b>	1524 x 914	4	51.71	114
	<b>60 x 40</b>	1524 x 1016	4	56.25	124
	<b>60 x 48</b>	1524 x 1219	4	65.32	144
<b>ADDITIONAL SIZES WALL ONLY BELOW</b>					
	<b>24 x 60</b>	610 x 1524	4	37.65	83
	<b>36 x 60</b>	914 x 1524	4	51.71	114
	<b>48 x 60</b>	1218 x 1524	4	65.32	144

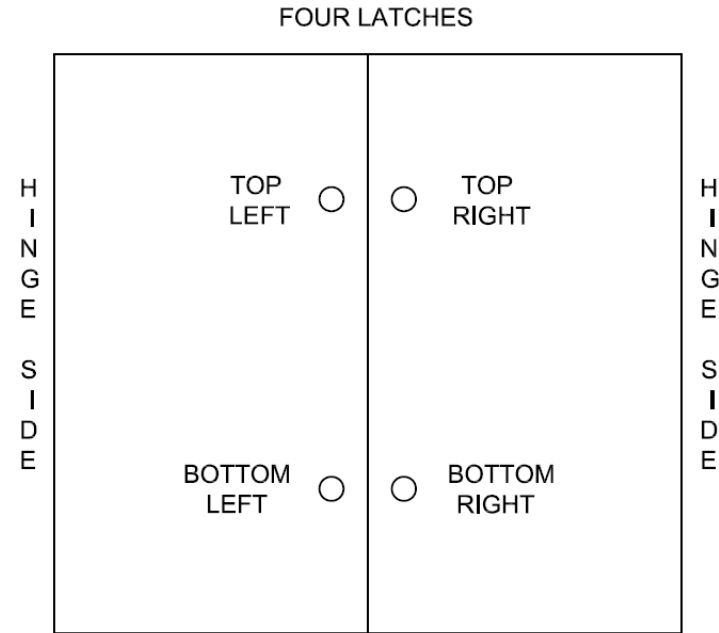
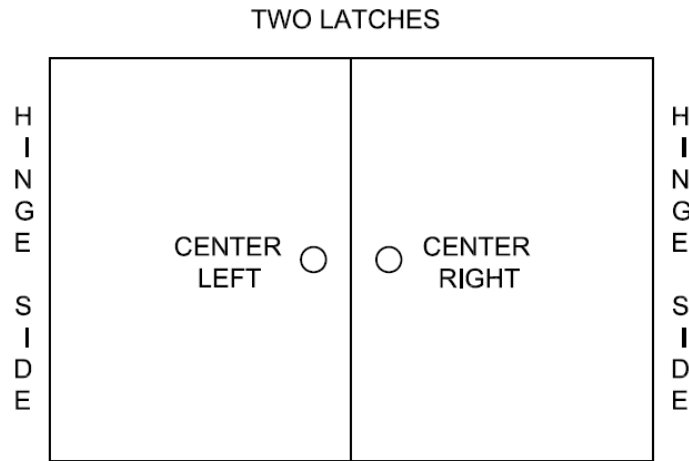


Net Opening = Width minus 8-1/2" (216mm) , Height minus 1-1/2" (39 mm)

Other sizes available upon request for all Models.

Second dimension given is the hinge side (shown in red) unless otherwise specified

SELECT LATCH AND LOCKS BELOW OR ON PAGE 4



**Center Left**      **Latch and Lock Option For Centered Latches**      **Center Right**

<input type="checkbox"/>	1/4" Allen Key	<input type="checkbox"/>
<input type="checkbox"/>	Raised Knurled Knob	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep*	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep with Cylinder*	<input type="checkbox"/>
<input type="checkbox"/>	Concealed Operator One Side Only - Select Operator for Other Side from Above Options	<input type="checkbox"/>

**Top Left**      **Latch and Lock Options For 4 Latches**      **Top Right**

<input type="checkbox"/>	1/4" Allen Key	<input type="checkbox"/>
<input type="checkbox"/>	Raised Knurled Knob	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep*	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep with Cylinder*	<input type="checkbox"/>
<input type="checkbox"/>	Concealed Operator One Side Only - Select Operator for Other Side from Above Options	<input type="checkbox"/>

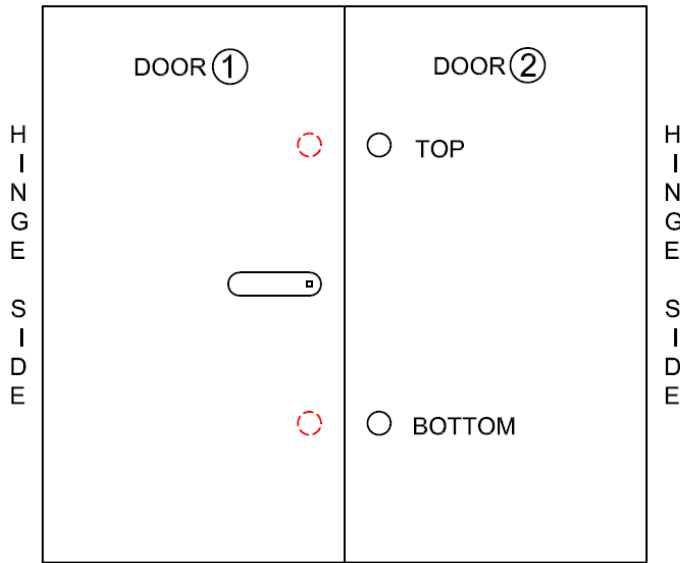
**Bottom Left**      **Bottom Right**

<input type="checkbox"/>	1/4" Allen Key	<input type="checkbox"/>
<input type="checkbox"/>	Raised Knurled Knob	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep*	<input type="checkbox"/>
<input type="checkbox"/>	1-1/8" Mortise Prep with Cylinder*	<input type="checkbox"/>

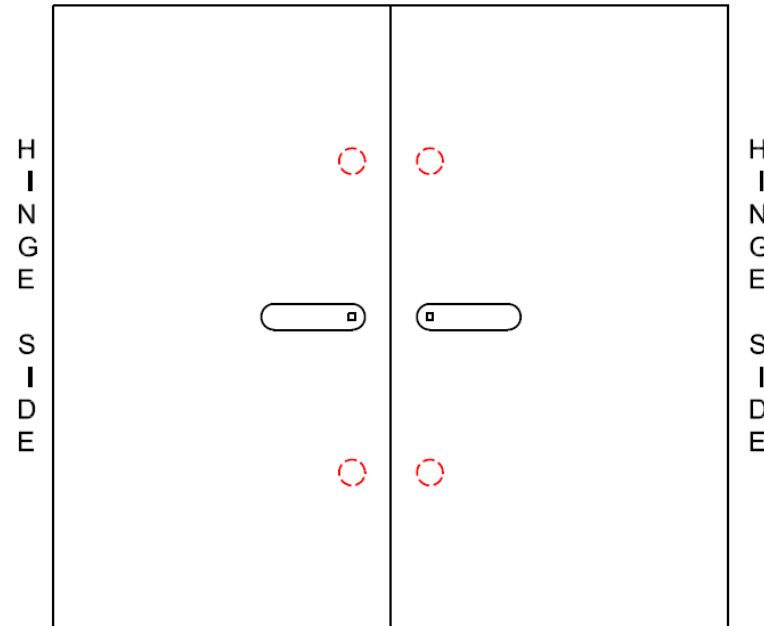
\* Lock Option at Additional Cost

Example: If Concealed Operator is on Left Door, Select Top Right and Bottom Right Latch/Lock Options

ONE CENTRAL POINT HANDLE - FOUR LATCHES



TWO CENTRAL POINT HANDLES - FOUR LATCHES



**DOOR 1: Central Point Handle Controls**  
**Two Concealed Latches on Door (shown in red)**

**DOOR 2: Latch and Lock Options:**

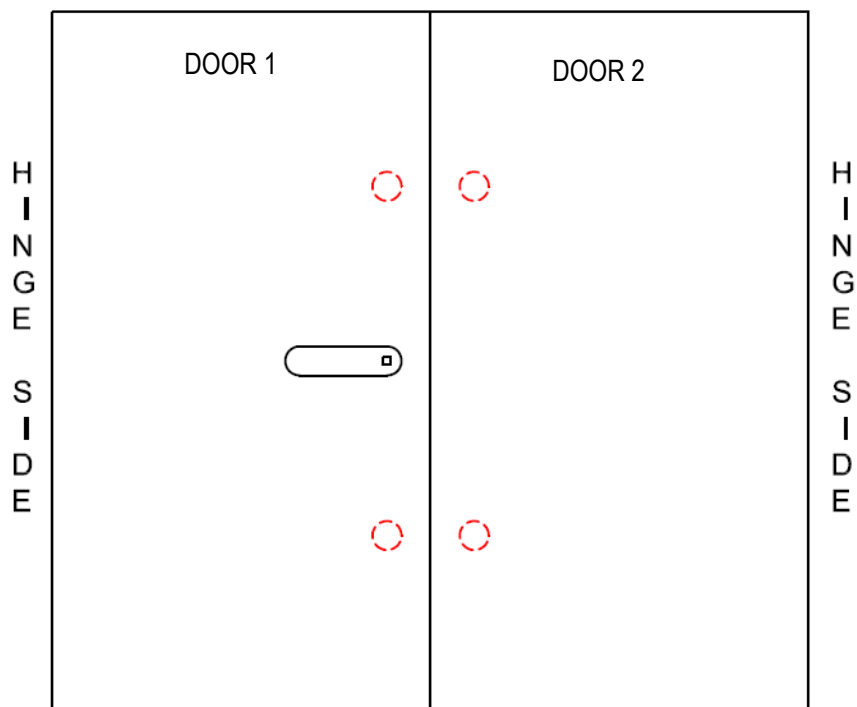
Latch and Lock Option	Top Right
Raised Knurled Knob	<input type="checkbox"/>
1-1/8" Mortise Prep*	<input type="checkbox"/>
1-1/8" Mortise Prep with Cylinder*	<input type="checkbox"/>
Latch and Lock Option	Bottom Right
Raised Knurled Knob	<input type="checkbox"/>
1-1/8" Mortise Prep*	<input type="checkbox"/>
1-1/8" Mortise Prep with Cylinder*	<input type="checkbox"/>

 **Central Point Handle Controls**  
**Two Concealed Latches on Each Door**

\* Lock Option at Additional Cost



ONE CENTRAL POINT HANDLE - FOUR LATCHES



**DOOR 1**

Central Point Handle Controls Two Concealed Latches on Door.

**DOOR 2**

Two Concealed Latches on Door, Operable from the Inside Only.

