

SUBMITTAL: FD™, FDS™ SERIES - FIRE RATED FLUSH ACCESS DOORS FOR 2 HR WALLS

JL Industries' innovative line of fire-rated access panels for every type of installation meets testing standards: UL10B, CAN/ULC-S104, ASTM E152.

Access panels are rated to 1-1/2 hours for 2 hour fire barriers for vertical surfaces in sizes up to 48" x 48" (24" x 48" for Heavy Gauge). All models feature a 2" thick insulated door, slam latch with spring-assisted closer and welded-on masonry anchors. Minimum size 8" x 8".

FD: Standard Panel (Wall)

Frame & Trim: 16 gauge steel with a paintable 1" flange.

Door: 2" thick, insulated 20 gauge steel with continuous hinge, universal lock.

Finish: White powder coat.

FDS: Stainless Steel (Wall)

Frame & Trim: 16 gauge stainless steel with 1" wall flange.

Door: 2" thick, insulated 20 gauge stainless steel with continuous hinge, universal lock.

Finish: 304 Stainless steel - #4 Satin finish.

FD: Heavy Gauge and Security (Wall Maximum Size 24 x 48)

Frame: 14 gauge steel with paintable 1" wall flange.

Door: 2" thick, insulated 14 gauge steel with continuous hinge, universal lock.

Finish: White powder coat.

STEP 1: SELECT SIZE AND QUANTITY ON CHART - PAGE 2

STEP 2: SELECT MATERIAL

___ FD (Standard) Steel with 20 gauge door and 16 gauge frame. Example: **FD-1212U4W**

SELECT OPTIONAL MATERIAL BELOW AT ADDITIONAL COST

___ FD Steel with 16 gauge door and frame. Example: **FD-1212UW-H2**

___ **FD Heavy Gauge Steel** with 14 gauge door and 14 gauge frame. Example: **FD-2424UW-H14**

___ **FDG Galvannealed Steel** with 20 gauge door and 16 gauge frame. Example: **FDG-1212U2W**

___ **FDS Stainless Steel Construction** with 20 gauge door and 16 gauge frame. Example: **FDS-1212U**

___ **FDS Stainless Steel** with 16 gauge door and 16 gauge frame. Example: **FDS-1818-U-H2**

___ **FDS Heavy Gauge Stainless Steel** with 14 gauge door and 14 gauge frame. Example: **FDS-1212U-H14**

STEP 3: SELECT LOCK AND OPTIONAL COLOR

___ (U) Standard Universal Lock with turn ring and key

SELECT OPTIONAL LOCKS AND FEATURES BELOW AT ADDITIONAL COST

___ (U3) Mortise slam lock prep for lock by others. This preparation will accept a 1-1/8" diameter mortise cylinder and the threading on the cylinder must be 7/8" long. Cam must have minimum "X" length of 7/16". This allows you to key to new or existing master key systems.

___ (U4) Mortise slam lock prep with model 06431 installed.

___ (U2) Slam latch with knurled knob.

___ Optional Color Code - see selection on page 2 or website, custom colors-contact customer service.

G-Gray, R-Red, BK-Black, FB-Flat Black, S-Sand, AB-AMS Beige, SB-Flat Beige, B-Bronze, SI-Silver



Detail of Wall Model



Fire-Rating of FD, FDS:
Wall Installation: 1-1/2 hour UL "B" label in a 2 hour fire barrier. Report# J97022944-231
CSFM: This product has been approved by the California State Fire Marshall (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing No 3330-1223:101 for allowable values and/or conditions for use concerning material presented in this document. It is subject to reexamination, revision and possible cancellation.

LATCH AND LOCK OPTIONS

Standard (U) Universal Ring/Key	Optional Knurled Knob (U2)	Optional Mortise Lock (U4)

<p>FD & FDS ARE TRADEMARKS OF ACTIVAR</p>	Distributor:	Quantity:
	Contractor:	Approved By:
	Model #:	Architect:
	Project:	Date:

QTY	A		B		C		APPROXIMATE SHIPPING WEIGHT In Pounds			LATCH (ES)
	MODEL SIZE IS DOOR SIZE WIDTH X HEIGHT		OUTSIDE FRAME DIMENSIONS		2 HOUR FIRE BARRIER UL "B" RATED WALL OPENING		FD	FDS	FD "H14"	
	INCHES	mm	W	H	WIDTH	HEIGHT				
	8" x 8"	203 x 203	10"	10"	8 3/8"	8 3/8"	6	6	11	1
	10" x 10"	254 x 254	12"	12"	10 3/8"	10 3/8"	8	8	15	1
	12" x 12"	305 x 305	14"	14"	12 3/8"	12 3/8"	10	10	17	1
	14" x 14"	356 x 356	16"	16"	14 3/8"	14 3/8"	12	12	22	1
	16" x 16"	406 x 406	18"	18"	16 3/8"	16 3/8"	15	15	17	1
	18" x 18"	457 x 457	20"	20"	18 3/8"	18 3/8"	17	18	30	1
	20" x 20"	508 x 508	22"	22"	20 3/8"	20 3/8"	21	22	51	1
	20" x 30"	508 x 762	22"	32"	20 3/8"	30 3/8"	28	29	53	2
	22" x 22"	559 x 559	24"	24"	22 3/8"	22 3/8"	26	27	51	1
	22" x 30"	559 x 762	24"	32"	22 3/8"	30 3/8"	29	30	53	2
	22" x 36"	559 x 914	24"	38"	22 3/8"	36 3/8"	36	37	58	2
	24" x 24"	610 x 610	26"	26"	24 3/8"	24 3/8"	27	28	47	1
	24" x 36"	610 x 914	26"	38"	24 3/8"	36 3/8"	37	38	60	2
	24" x 48"	610 x 1219	26"	50"	24 3/8"	48 3/8"	54	56	85	2
	30" x 30"	762 x 762	32"	32"	30 3/8"	30 3/8"	38	40	—	2
	32" x 32"	813 x 813	34"	34"	32 3/8"	32 3/8"	43	41	—	2
	36" x 36"	914 x 914	38"	38"	36 3/8"	36 3/8"	52	54	—	2
	36" x 48"	914 x 1219	38"	50"	36 3/8"	48 3/8"	61	64	—	2
	48" x 48"	1219 x 1219	50"	50"	48 3/8"	48 3/8"	100	110	—	2

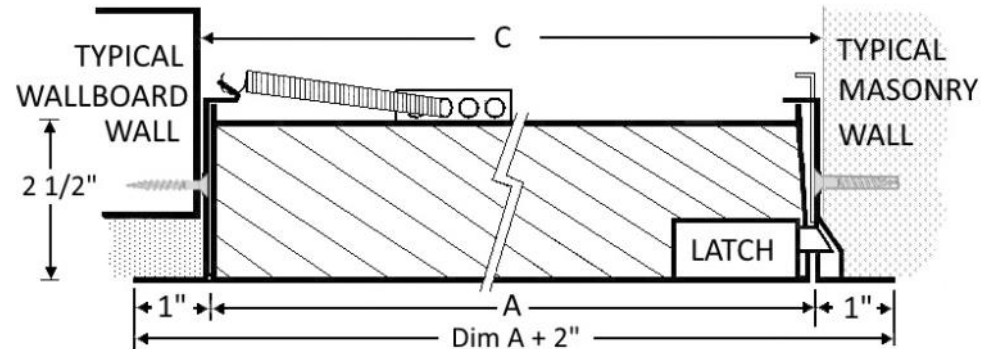
Sizes not shown, available upon request up to 48" x 48"
 For Sizes Where Height Exceeds 48", See our Expanded Line of FD2 Access Panels

Sizes Shown in Bold Text in Chart Above Available from One or More of our Warehouses - Check Stock List

Standard Color is White, Optional Colors at Additional Cost - Samples Available



WALL INSTALLATION
 1-1/2 HOUR UL "B" LABEL IN A 2 HOUR FIRE BARRIER
 Use "C" Dimension for Installation Without Wallboard Liner
 Add 1-5/8" to "A" for 5/8" Wallboard Liner of Opening on 4 Sides
 Top View



SEE SEPARATE SUBMITTALS FOR 1- 3 HOUR CEILINGS, 3 HOUR WALLS OR DOUBLE LEAF DOORS

THIS DRAWING IS AN ILLUSTRATION ONLY - INSTALLATION CONDITIONS MAY VARY

Order Format: _____ - _____ - _____ - _____
 Example: FD-1212-U4B
 Model Width Height Lock (U Standard, U2, U3 & U4 Optional) Optional Color Optional Gauge