

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

PG 1 OF 2

JL Industries' innovative line of fire-rated access panels for every type of installation meets testing standards: UBC 43-7, 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-H26**

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

___ **FDG** Galvanized 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-H26**

___ **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 any standard 1-1/8" dia. mortise cylinder and allows you to key to new or existing master key system. Cam must have minimum "x" length of 7/16".

___ **(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**



SPRING-ASSISTED CLOSING OF FD PANELS



Detail of Wall Model

Please Note This Product Model
Has Changed.

Please Note - Color Codes and
Lock Option Codes have
Changed.




BIM Objects for Revit

Fire-Rating of FD, FDS:

Wall Installation: 1-1/2 hour UL "B" label in a 2 hour fire barrier. Test # R13067-1
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 reexamination, revision and possible cancellation.

LATCH AND LOCK OPTIONS

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

 ACTIVAR INC. CONSTRUCTION PRODUCTS GROUP PLEASE DOWNLOAD THE MOST CURRENT SUBMITTAL BEFORE ORDERING FD & FDS ARE TRADEMARKS OF ACPG	Distributor:	Quantity:
	Contractor:	Approved By:
	Model #:	Architect:
	Project:	Date: © 2017 Activar Construction Products Inc

HEADQUARTERS: 9702 NEWTON AV S, BLOOMINGTON, MN 55431 PH: 800-554-6077 FAX: 952-835-2218 EMAIL: SALES@ACTIVARCPG.COM WWW.ACTIVARCPG.COM
MANUFACTURING: BLOOMINGTON MN & COMMERCE, CA WAREHOUSES: FT MYERS, FL, DALLAS TX, LANCASTER PA, ATLANTA GA, CHICAGO, IL, Seattle WA, Fargo ND 3/21/2017

QTY	A		B		C		APPROXIMATE SHIPPING WEIGHT In Pounds			LATCH (ES)
	MODEL SIZE IS DOOR SIZE WIDTH X HEIGHT		OUTSIDE FRAME DIMEN- SIONS		2 HOUR FIRE BARRIER UL "B" RATED WALL OPENING					
	INCHES	mm	W	H	WIDTH	HEIGHT	FD	FDS	FD "H14"	
	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

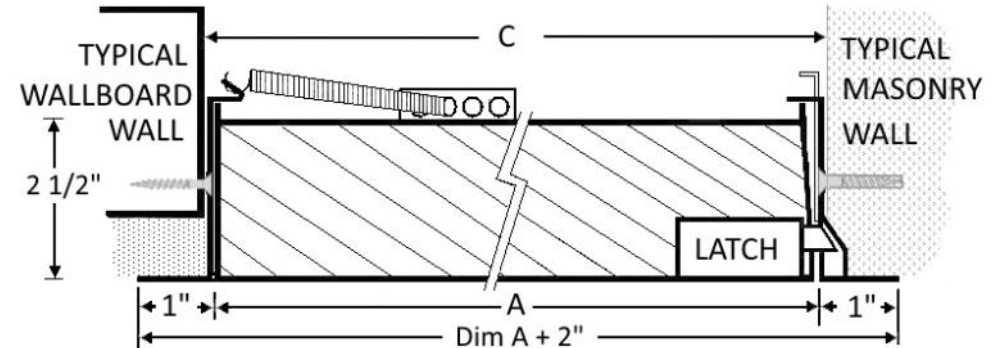
Sizes Shown in Bold Text in Chart Above Available for Quick Ship from One or More of our 10 Warehouses - [Check Stock List](#)



JL INDUSTRIES

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

Optional Colors at Additional Cost - Samples Available			
G-Gray	R-Red	BK-Black/FB Flat	SI - Silver
S-Sand	AB-AMS Beige	SB-SC Flat Beige	B-Bronze

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

SUBMITTAL: FD™ & FDS™ SERIES - 1 HR COMBUSTIBLE CEILING FIRE RATED ACCESS DOORS

PG 1 OF 2

JL Industries' innovative line of fire-rated access panels meets testing standards: UBC 43-7, UL10B, ASTM E152. 1 hour combustible horizontal surfaces. All models feature a 2" thick insulated door and spring-assisted closer. A second spring is included on sizes 16" x 16" thru 24" x 36" and must be used for the ceiling fire-rating on these sizes.

FD: Standard Panel (Ceiling):

Frame & Trim: 16 gauge steel with a paintable 1" wall flange. Welded-on masonry anchors.

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

Finish: White powder coat.

Lock: Universal turn ring and key lock. (U)

FDS: Stainless Steel (Ceiling):

Frame & Trim: 16 gauge stainless steel with 1" wall flange. Welded-on masonry anchors.

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

Finish: 304 Stainless steel - #4 Satin finish.

Lock: Universal turn ring and key lock. (U)

Sizes: Minimum 8" x 8", maximum 24" x 36"



Please Note Product Model FDSS Has Changed to FDS.

Please Note - Color Codes and Lock Option Codes have Changed.



Fire-Rating of FD & FDS:

Ceiling Installation: Warnock Hersey listed for ceiling installations with 3 hour non-combustible rating or 1 hour combustible rating. Test # WHI-495-PSH-0163
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 reexamination, revision and possible cancellation.

STEP 1: SELECT MODEL NUMBER AND QUANTITY ON CHART - PAGE 2 Door Sizes is Order Size.

BIM Objects for Revit

STEP 2: SELECT MATERIAL

- ☐ **FD** Steel with 20 gauge door and 16 gauge frame. Example: **FD-1212-U4W**
☐ **FDG** Galvanized Steel with 20 gauge door and 16 gauge frame. (Additional Cost) Example: **FDG-1212-U2W**
☐ **FDS** Stainless Steel with 20 gauge door and 16 gauge frame. (Additional Cost) Example: **FDS-1212-U**

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 any standard 1-1/8" dia. mortise cylinder and allows you to key to new or existing master key system. Cam must have minimum "x" length of 7/16"
☐ (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-submit paint chip.

Order Format:

Example: **FD-1212-U4B**

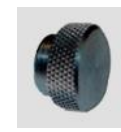
Model (FD, FDS, FDG)	Width	Height	Lock (U Standard, U2, U3 & U4 Optional)	Optional Color	Optional Gauge
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LATCH AND LOCK OPTIONS

Standard (U)
Universal Ring/Key




Optional Knurled
Knob (U2)



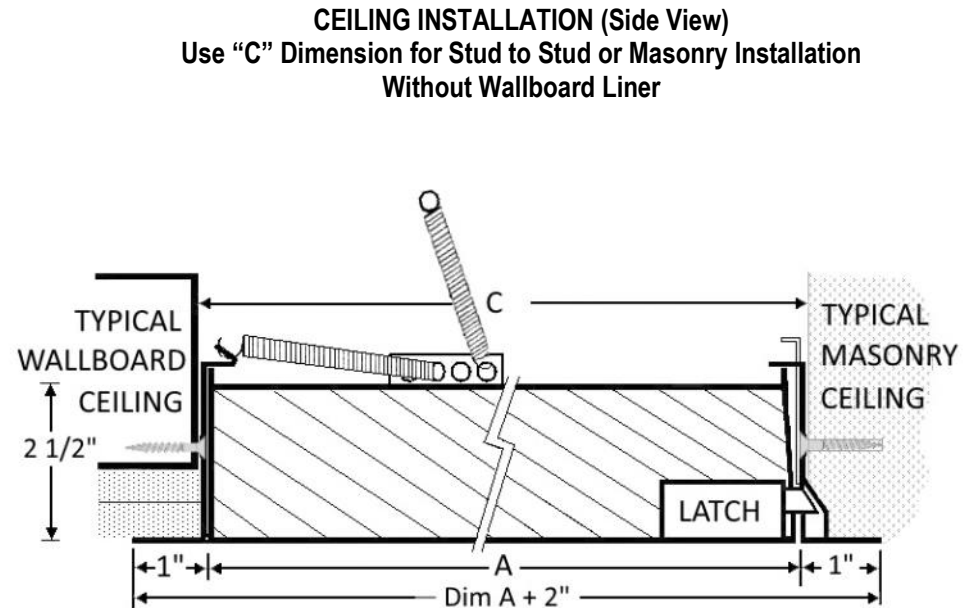
Optional Mortise Lock
(U4)



 ACTIVAR INC. CONSTRUCTION PRODUCTS GROUP PLEASE DOWNLOAD THE MOST CURRENT SUBMITTAL BEFORE ORDERING FD, FDS AND FDG ARE TRADEMARKS OF ACPG	Distributor:	Quantity:
	Contractor:	Approved By:
	Model #:	Architect:
	Project:	Date:
HEADQUARTERS: 9702 NEWTON AV S, BLOOMINGTON, MN 55431 PH: 800-554-6077 FAX: 952-835-2218 EMAIL: SALES@ACTIVARCPG.COM WWW.ACTIVARCPG.COM MANUFACTURING: BLOOMINGTON MN & COMMERCE, CA WAREHOUSES: FT MYERS, FL, DALLAS TX, LANCASTER PA, ATLANTA GA, CHICAGO, IL, Seattle WA, Fargo ND 3/15/2017		

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QTY FD	A		B		C		APPROXIMATE SHIPPING WEIGHT		LATCH (ES)
	MODEL SIZE	IS DOOR	OUTSIDE		1 HOUR		SHIPPING		
	SIZE		FRAME		COMBUSTIBLE		WEIGHT		
	WIDTH X HEIGHT		DIMENSIONS		CEILING OPENING		In Pounds		
	INCHES	mm	W	H	WIDTH	HEIGHT	FD	FDS	
	8" X 8"	203 x 203	10 "	10 "	8 3/8 "	8 3/8 "	6	6	1
	10" X 10"	254 x 254	12 "	12 "	10 3/8 "	10 3/8 "	8	8	1
	12" X 12"	305 x 305	14 "	14 "	12 3/8 "	12 3/8 "	10	10	1
	14" X 14"	356 x 356	16 "	16 "	14 3/8 "	14 3/8 "	12	12	1
	16" X 16"	406 x 406	18 "	18 "	16 3/8 "	16 3/8 "	15	15	1
	18" X 18"	457 x 457	20 "	20 "	18 3/8 "	18 3/8 "	17	18	1
	20" x 20"	508 x 508	22 "	22 "	20 3/8 "	20 3/8 "	21	22	1
	20" x 30"	508 x 762	22 "	32 "	20 3/8 "	30 3/8 "	28	29	1
	22" x 22"	559 x 559	24 "	24 "	22 3/8 "	22 3/8 "	26	27	1
	22" X 30"	559 x 762	24 "	32 "	22 3/8 "	30 3/8 "	29	30	2
	22" X 36"	559 x 914	24 "	38 "	22 3/8 "	36 3/8 "	36	37	2
	24" X 24"	610 x 610	26 "	26 "	24 3/8 "	24 3/8 "	27	28	1
	24" X 36"	610 x 914	26 "	38 "	24 3/8 "	36 3/8 "	37	38	2
Custom Sizes Available Upon Request - For Larger Sizes, See FD2 Series									



SEE SEPARATE SUBMITTALS FOR 3 HOUR CEILING,
2-3 HOUR WALLS OR DOUBLE LEAF DOORS

DRAWINGS ABOVE PROVIDED AS REFERENCE ONLY INSTALLATION
CONDITIONS MAY VARY



**Sizes Shown in Bold Text in Chart Above
Available for Quick Ship from One or More of our
10 Warehouses - [Check Stock List](#)**

Optional Colors at Additional Cost - Samples Available			
G-Gray	R-Red	BK-Black/FB Flat	SI - Silver
S-Sand	AB-AMS Beige	SB-SC Flat Beige	B-Bronze

JL Industries' standard line of fire-rated access panels meets testing standards: UBC 43-7, UL10B, ASTM E152. Access panels are rated up to 3 hours for non-combustible horizontal surfaces. All models feature a 2" thick insulated door and spring-assisted closer. A second spring is included on sizes 16" x 16" thru 24" x 36" and must be used for the ceiling fire-rating on these sizes. Panels packaged individually.

FD: Standard Panel (Ceiling):

Frame & Trim: 16 gauge steel with a paintable 1" flange. Welded-on masonry anchors.

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

Finish: White powder coat paint.

Lock: Universal turn ring and key lock. (U)



FDS: Stainless Steel (Ceiling):

Frame & Trim: 16 gauge stainless steel with 1" wall flange. Welded-on masonry anchors.

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

Finish: 304 Stainless steel - #4 Satin finish.

Lock: Universal turn ring and key lock. (U)

Sizes: Minimum 8" x 8", maximum 24" x 36" See FD2 and FD3 for larger sizes.

STEP 1: SELECT MODEL NUMBER AND QUANTITY ON CHART - PAGE 2 Door Size is Order Size.

STEP 2: SELECT MATERIAL

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

___ FDG Galvanized Steel with 20 gauge door and 16 gauge frame. (Additional Cost) Example: **FDG-1212-U2W**

___ FDS Stainless Steel with 20 gauge door and 16 gauge frame. (Additional Cost) Example: **FDS-1212-U**

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 any standard 1-1/8" dia. mortise cylinder and allows you to key to new or existing master key system.

Cam must have minimum "x" length of 7/16"

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

___ (U2) Slam latch with knurled knob.

___ Optional Color Code - [see selection page 2 or website](#), custom colors-submit paint chip.

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



Please Note FDSS Product Model # Has Changed to FDS.

Please Note - Color Codes and Lock Option Codes have Changed.



Fire-Rating of FD, & FDS:

Ceiling Installation: Warnock Hersey listed for ceiling installations with 3 hour non-combustible rating or 1 hour combustible rating. Test # WHI-495-PSH-0163

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.

BIM Objects for Revit

Order Format:

Example: FD-1212-U4B

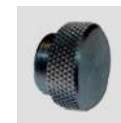
Model (FD, FDS, FDG)	Width	Height	Lock (U Standard, U2, U3 & U4 Optional)	Optional Color	Optional Gauge
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LATCH AND LOCK OPTIONS

Standard (U)
Universal Ring/Key



Optional Knurled
Knob (U2)



Optional
Mortise Lock (U4)



JL INDUSTRIES

ACTIVAR INC.
CONSTRUCTION PRODUCTS GROUP

PLEASE DOWNLOAD THE MOST CURRENT SUBMITTAL BEFORE ORDERING

FD & FDS & FDG ARE TRADEMARKS OF ACPG

Distributor:	Quantity:
Contractor:	Approved By:
Model #:	Architect:
Project:	Date:

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MANUFACTURING: BLOOMINGTON MN & COMMERCE, CA **WAREHOUSES:** FT MYERS, FL, DALLAS TX, LANCASTER PA, ATLANTA GA, CHICAGO, IL, SEATTLE WA, FARGO ND 3/15/2017

QTY	A		B		C		D		APPROXIMATE SHIPPING WEIGHT In Pounds		LATCH (ES)
	MODEL SIZE IS DOOR SIZE WIDTH X HEIGHT		OUTSIDE FRAME DIMENSIONS		2-3-HOUR NON-COMBUSTIBLE MASONRY CEILING OPENING		2-3 HOUR NON-COMBUSTIBLE CEILING OPENING (1-1/4" Allowance for Fire-Rated Liner of Opening)				
	INCHES	mm	W	H	WIDTH	HEIGHT	WIDTH	HEIGHT	FD	FDS	
	8" X 8"	203 x 203	10 "	10 "	8 3/8 "	8 3/8 "	9 5/8 "	9 5/8 "	6	6	1
	10" X 10"	254 x 254	12 "	12 "	10 3/8 "	10 3/8 "	11 5/8 "	11 5/8 "	8	8	1
	12" X 12"	305 x 305	14 "	14 "	12 3/8 "	12 3/8 "	13 5/8 "	13 5/8 "	10	10	1
	14" X 14"	356 x 356	16 "	16 "	14 3/8 "	14 3/8 "	15 5/8 "	15 5/8 "	12	12	1
	16" X 16"	406 x 406	18 "	18 "	16 3/8 "	16 3/8 "	17 5/8 "	17 5/8 "	15	15	1
	18" X 18"	457 x 457	20 "	20 "	18 3/8 "	18 3/8 "	19 5/8 "	19 5/8 "	17	18	1
	20" x 20"	508 x 508	22 "	22 "	20 3/8 "	20 3/8 "	21 5/8 "	21 5/8 "	21	22	1
	20" x 30"	508 x 762	22 "	32 "	20 3/8 "	30 3/8 "	21 5/8 "	31 5/8 "	28	29	2
	22" x 22"	559 x 559	24 "	24 "	22 3/8 "	22 3/8 "	23 5/8 "	23 5/8 "	26	27	1
	22" X 30"	559 x 762	24 "	32 "	22 3/8 "	30 3/8 "	23 5/8 "	31 5/8 "	29	30	2
	22" X 36"	559 x 914	24 "	38 "	22 3/8 "	36 3/8 "	23 5/8 "	37 5/8 "	36	37	2
	24" X 24"	610 x 610	26 "	26 "	24 3/8 "	24 3/8 "	25 5/8 "	25 5/8 "	27	28	1
	24" X 36"	610 x 914	26 "	38 "	24 3/8 "	36 3/8 "	25 5/8 "	37 5/8 "	37	38	2
Other sizes available upon request up to 24" x 36"											
See FD2 and FD3 Series for Widths Greater than 24" (up to 36" x 36")											

Sizes Shown in Bold Text in Chart Above
Available for Quick Ship from One or More of our
10 Warehouses - [Check Stock List](#)



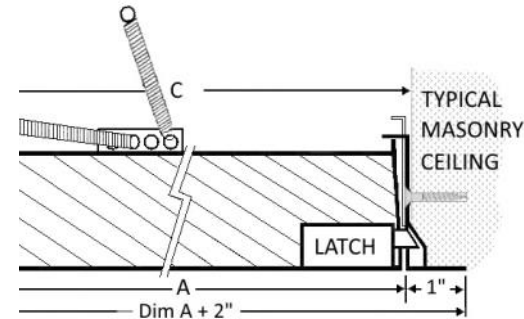
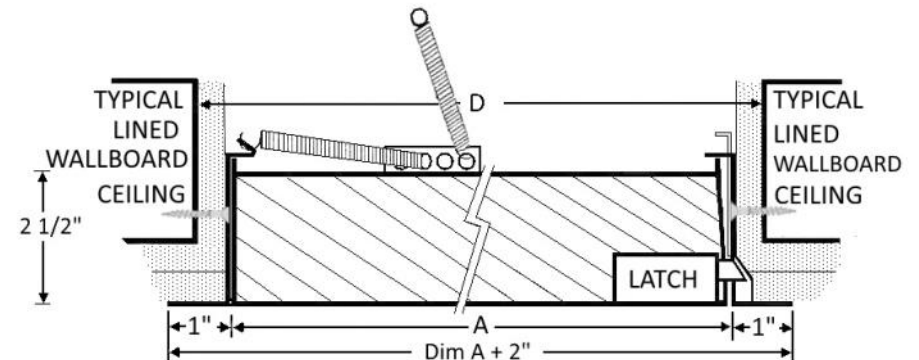
JL INDUSTRIES

CEILING INSTALLATION (Side View)

Use "C" Dimension for Masonry Installation

Without Wallboard Liner

Use "D" Dimension for 5/8" Wallboard Liner of Opening on 4 Sides



SEE SEPARATE SUBMITTALS FOR 1 HOUR CEILING,
 2-3 HOUR WALLS OR DOUBLE LEAF DOORS

DRAWINGS ABOVE PROVIDED AS REFERENCE ONLY INSTALLATION
 CONDITIONS MAY VARY

Optional Colors at Additional Cost - Samples Available			
G-Gray	R-Red	BK-Black/FB Flat	SI - Silver
S-Sand	AB-AMS Beige	SB-SC Flat Beige	B-Bronze