

SUBMITTAL: FD2™ SERIES 2 HR OVERSIZE FIRE-RATED ACCESS PANEL

Our Oversize Maxam Two Hour Fire-rated Single Leaf Panel in the Largest Net Sizes Available, for Use in a Wall or Ceiling Application. Ideal for use When Installation or Removal of Equipment is a Consideration.

Materials: Satin finish galvalneal steel or 304 stainless steel.

Frame: 16 ga (1.61 mm) galvalneal steel up to and including 30" x 48" or 14ga (1.99 mm) steel for larger sizes. Depth "D"= 2-1/4" (57 mm).

Flange: Width - 7/8" (22mm) up to and including 36" x 36"(914 mm x 914 mm) or 1-1/4" (32mm) for larger sizes.

Door Panel: 18 ga (1.31mm) galvalneal steel with 22 ga (0.85mm) liner .

Insulation: The door panel contains 1-1/2" (38 mm) of high-temperature insulation material.

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

Hinges: The concealed continuous rod hinge is designed to secure the door panel. The hinge is placed on the long side of the door ("H" dimension) unless otherwise requested. Note: Sizes greater than 48" in a wall position—continuous piano hinge is standard.

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 (A). All fire rated doors are self latching and include an interior latch release mechanism allowing the door to be opened from the inside.

Sizes: 2 Hour Walls up to 48 x 48 See separate submittal for the FD Series; Use this FD2 submittal for larger sizes - See Page 2 for sizes.

2 Hour Ceilings up to 24 x 36 See separate submittal for the FD Series; Use this FD2 submittal for larger sizes - See Page 2 for sizes.



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

___ " Width x ___ " Height. Rough opening = order size

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

STEP 2: SELECT WALL OR CEILING INSTALLATION

___ Wall (Model FD2W) ___ Ceiling (Model FD2C)

STEP 3: SELECT FINISH

___ Galvalnealed steel with off-white primer ___ 304 Stainless steel with #4 finish on exterior

STEP 4: SELECT OPTIONAL FEATURES AT ADDITIONAL COST

Single Latch- Select One Option:

___ Raised knurled knob (KK) ___ 1-1/8" mortise prep complete w/mortise cylinder (MPI) ___ 1-1/8" mortise prep only (MP)

Dual Latches - Select One Option:

___ 1-1/8" mortise prep complete with mortise cylinder (MPI) ___ Top or ___ Bottom second latch will be Allen key (A)

___ 1-1/8" mortise prep only (MP) ___ Top or ___ Bottom Second Latch will be Allen Key (A)

___ (2) 1-1/8" mortise preps only (MP) top and bottom

___ (2) 1-1/8" mortise preps complete with (2) mortise cylinders (MPI) top and bottom

Other Options:

___ (PH) Continuous piano hinge for under 48" panel

___ (A) Masonry straps

___ (K) Smoke gasket - listed by Intertek Warnock Hersey. See Testing Standards in red box.



Intertek Warnock Hersey Listed and Labeled:

2 Hour Fire Rating for vertical and horizontal installation
Temp Rise Max: 139°C / 250° F at 30 minutes, 250° C / 450° F at 60 minutes.

Testing Standards:


Vertical: NFPA 252, UL 10B, CAN/ULC S10 4


Horizontal: UBC 43-7

Optional Smoke Gasket Testing Standards:

UL 1784 per NFPA 105, ASTM E152, CAN4 S106, UBC 7-2, UL 10 (b) NFPA 252 (90- minute)

LATCH AND LOCK OPTIONS

Standard 1/4" Allen Key (A)	Optional Knurled Knob (KK)	Optional Mortise Lock (MPI)
		

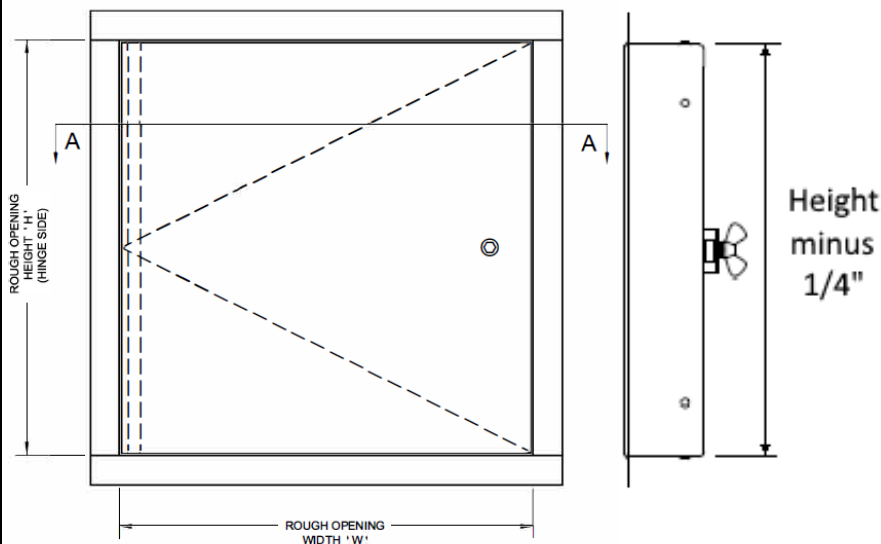
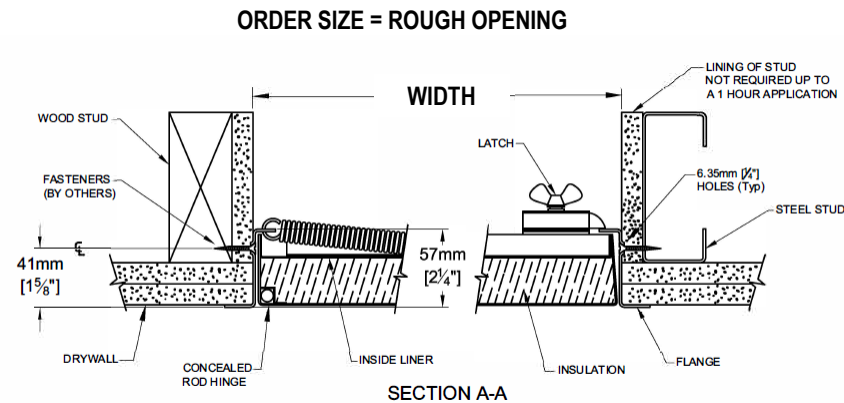
 JL INDUSTRIES	Distributor:	Quantity:
	Contractor:	Approved By:
	Model #:	Architect:
	Project:	Date: © 2023 Activar Construction Products Group, Inc.
1/16/2023		

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Rough Opening is Order Size Width x Height - Hinge Side is "H"						Door Size Inches	No. of Latches/ Locks	Wt. in Kgs	Wt. in lbs.
Qty	Wall Model	Qty	Ceiling Model	Inches W x H	Metric (mm) W x H				
	FD2W-1212		FD2C-1212	12 x 12	305 x 305	11-5/8 x 11-5/8	1	5	11
	FD2W-1216		FD2C-1216	12 x 16	305 x 406	11-5/8 x 15-5/8	1	6	14
	FD2W-1218		FD2C-1218	12 x 18	305 x 457	11-5/8 x 17-5/8	1	7	15
	FD2W-1224		FD2C-1224	12 x 24	305 x 610	11-5/8 x 23-5/8	1	9	19
	FD2W-1414		FD2C-1414	14 x 14	356 x 356	13-5/8 x 13-5/8	1	6	14
	FD2W-1616		FD2C-1616	16 x 16	406 x 406	15-5/8 x 15-5/8	1	8	17
	FD2W-1624		FD2C-1624	16 x 24	406 x 610	15-5/8 x 23-5/8	1	10	23
	FD2W-1818		FD2C-1818	18 x 18	457 x 457	17-5/8 x 17-5/8	1	9	20
	FD2W-1824		FD2C-1824	18 x 24	457 x 610	17-5/8 x 23-5/8	1	11	25
	FD2W-1830		FD2C-1830	18 x 30	457 x 762	17-5/8 x 29-5/8	1	13	29
	FD2W-1836		FD2C-1836	18 x 36	457 x 914	17-5/8 x 35-5/8	1	16	35
	FD2W-1848		FD2C-1848	18 x 48	457 x 1219	17-5/8 x 47-5/8	1	20	45
	FD2W-2020		FD2C-2020	20 x 20	508 x 508	19-5/8 x 19-5/8	1	10	23
	FD2W-2024		FD2C-2024	20 x 24	508 x 610	19-5/8 x 23-5/8	1	12	26
	FD2W-2030		FD2C-2030	20 x 30	508 x 762	19-5/8 x 29-5/8	1	15	32
	FD2W-2036		FD2C-2036	20 x 36	508 x 914	19-5/8 x 35-5/8	1	17	38
	FD2W-2222		FD2C-2222	22 x 22	559 x 559	21-5/8 x 21-5/8	1	12	27
	FD2W-2230		FD2C-2230	22 x 30	559 x 762	21-5/8 x 29-5/8	1	15	34
	FD2W-2236		FD2C-2236	22 x 36	559 x 914	21-5/8 x 35-5/8	1	19	41
	FD2W-2424		FD2C-2424	24 x 24	610 x 610	23-5/8 x 23-5/8	1	14	30
	FD2W-2430		FD2C-2430	24 x 30	610 x 762	23-5/8 x 29-5/8	1	16	36
	FD2W-2436		FD2C-2436	24 x 36	610 x 914	23-5/8 x 35-5/8	1	20	43
	FD2W-2448		FD2C-2448	24 x 48	610 x 1219	23-5/8 x 47-5/8	2	25	55
	FD2W-3030		FD2C-3030	30 x 30	762 x 762	29-5/8 x 29-5/8	1	20	43
	FD2W-3036		FD2C-3036	30 x 36	762 x 914	29-5/8 x 35-5/8	2	23	51
	FD2W-3048		FD2C-3048	30 x 48	762 x 1219	29-5/8 x 47-5/8	2	30	66
	FD2W-3232		FD2C-3232	32 x 32	813 x 813	31-5/8 x 31-5/8	2	22	49
	FD2W-3636		FD2C-3636	36 x 36	914 x 914	35-5/8 x 35-5/8	2	27	60
WALL SIZES ONLY BELOW*									
	FD2W-3648			36 x 48	914 x 1219	35-5/8 x 47-5/8	2	35	77
	FD2W-3660			36 x 60	914 x 1524	35-5/8 x 59-5/8	2	44	97
	FD2W-4040			40 x 40	1016 x 1016	39-5/8 x 39-5/8	2	33	72
	FD2W-4048			40 x 48	1016 x 1219	39-5/8 x 47-5/8	2	38	84
	FD2W-4060			40 x 60	1016 x 1524	39-5/8 x 59-5/8	2	48	105
	FD2W-4848			48 x 48	1219 x 1219	47-5/8 x 47-5/8	2	44	98
	FD2W-4860			48 x 60	1219 x 1524	47-5/8 x 59-5/8	2	55	122

* These Panels have 1-1/4" Wide Trim

Other sizes available upon request.
Second dimension given is the hinge side (shown in red) unless otherwise specified



Clear Opening Size = R.O. Width minus 3", Height minus 1-1/2"

ALSO AVAILABLE IN DOUBLE LEAF MODELS—FD2D
SEE SEPARATE SUBMITTAL