

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) |
|--------------------------------|-------------------------------|--------------------------------|
| | | |

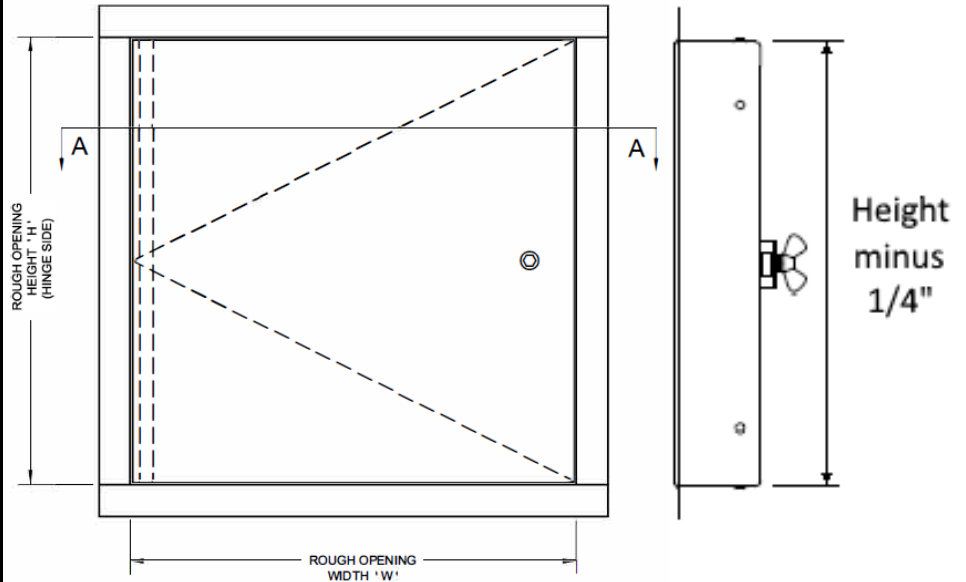
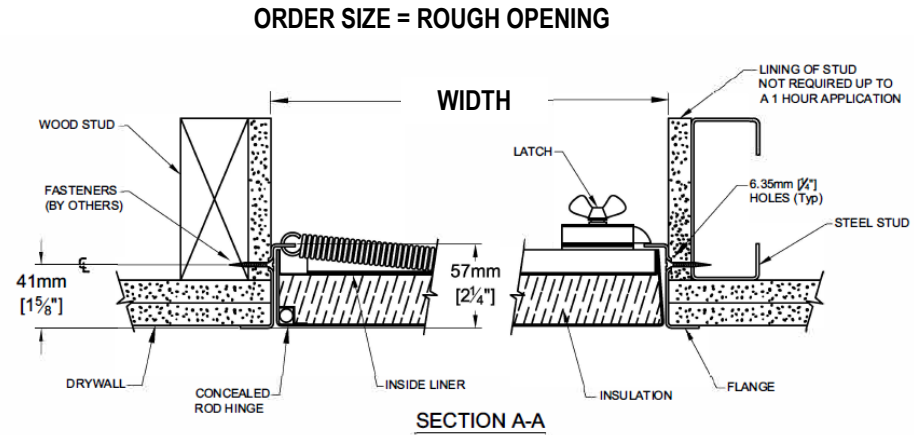
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|----------------------|--------------|--|
| JL INDUSTRIES | Distributor: | Quantity: |
| | Contractor: | Approved By: |
| | Model #: | Architect: |
| | Project: | Date: © 2023 Activar Construction Products Group, Inc. |
| 1/16/2023 | | |

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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