

SUBMITTAL: FD2 SERIES 2 HR FIRE-RATED ACCESS PANEL FOR CEILINGS/WALLS

Our standard two hour fire-rated single leaf panel for use in a wall or ceiling application where control of temperature rise and heat transmission is required. Insulation helps in reducing sound transmission through the door. Flange covers opening edges.

Materials: Satin finish galvanized steel or 304 stainless steel.

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

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

Door Panel - 18 ga (1.31mm) with 22 ga (0.85mm) liner - Door widths up to 48" W.

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

Finishes: The paint finish is an electrostatically applied rust inhibitive prime coat or a No. 4 polished 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 code.

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. The interior latch release is standard on doors including and exceeding 16"x 16" in size. Under 16"x 16", interior latch is available as an option.

Sizes: Common sizes are listed on page 2, however, other sizes are available upon request.

STEP 1: SELECT MODEL NUMBER AND QUANTITY ON CHART—PAGE 2

Rough Opening is order size **Other Size:** _____ Inches Wide x _____ Inches High

STEP 2: SELECT WALL OR CEILING INSTALLATION

_____ Wall (Model **FD2W**) _____ Ceiling (Model **FD2C**)

STEP 3: SELECT FINISH

_____ Steel with off-white primer _____ Stainless steel exterior

OPTIONAL FEATURES AT ADDITIONAL COST

Latches: _____ Non-locking handle **T** _____ Raised knurled knob **KK** _____ Central two point latch operator **2P** _____ Interior release (under 16 x 16)

Lock: _____ 11/8" mortise prep complete with mortise cylinder **MPI** _____ 11/8" mortise prep only **MP**
_____ Locking "T" handle **LT** (Door inoperable from inside)

Other: _____ Continuous piano Hinge under for under 48" panel. _____ **Masonry Straps.**



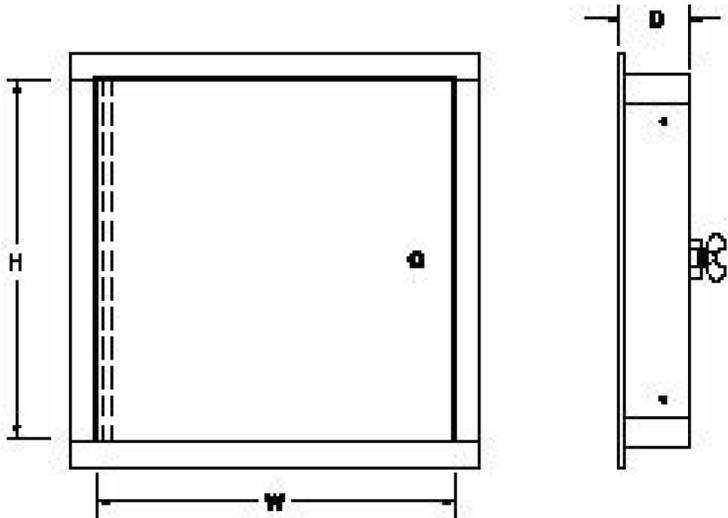
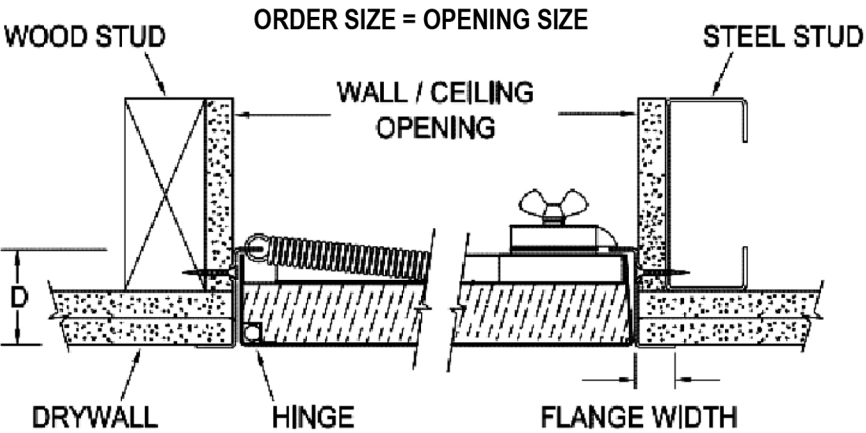
This model of wall and ceiling fire-rated panels is manufactured under the factory inspection service of Intertek Warnock Hersey) and have a label reading: "Listed access frame and insulated fire door assembly 2 hour fire rating. Vertical and Horizontal Installation. Temperature rise maximum 139° C / 250° F at 30 minutes, 250° C / 450° F at 60 minutes."

Non-Combustibility Classification:
CAN/ULC S114, ASTM E136
CAN/ULC S102
ASTM E84,UL723

THIS MODEL AVAILABLE IN 3 HOUR RATING AND DOUBLE LEAF MODELS ALSO—SEE SEPARATE SUBMITTAL

SUBMITTAL: FD2 SERIES 2 HR FIRE-RATED ACCESS PANEL FOR CEILINGS/WALLS

QTY	Rough Opening = Order Size W x H (Hinge side) ≠		Door Size Inches	No. of Latches/ Locks	Weight Kgs	Weight Lbs.
	Inches	Metric(mm)				
2 HR CEILINGS ONLY FD2C						
	8 x 6	203 x 152	7-5/8 x 5-5/8	1	3	6
	8 x 8	203 x 203	7-5/8 x 7-5/8	1	3	7
	10 x 10	254 x 254	9-5/8 x 9-5/8	1	4	9
	12 x 8	305 x 203	11-5/8 x 7-5/8	1	4	9
	12 x 12	305 x 305	11-5/8 x 11-5/8	1	5	11
	12 x 16	305 x 406	11-5/8 x 15-5/8	1	6	14
	12 x 18	305 x 457	11-5/8 x 17-5/8	1	7	15
	12 x 24	305 x 610	11-5/8 x 23-5/8	1	9	19
	14 x 14	356 x 356	13-5/8 x 13-5/8	1	6	14
	16 x 16	406 x 406	15-5/8 x 15-5/8	1	8	17
	16 x 24	406 x 610	15-5/8 x 23-5/8	1	10	23
	18 x 18	457 x 457	17-5/8 x 17-5/8	1	9	20
	18 x 24	457 x 610	17-5/8 x 23-5/8	1	11	25
	18 x 30	457 x 762	17-5/8 x 29-5/8	1	13	29
	18 x 36	457 x 914	17-5/8 x 35-5/8	1	16	35
	18 x 48	457 x 1219	17-5/8 x 47-5/8	1	20	45
	20 x 20	508 x 508	19-5/8 x 19-5/8	1	10	23
	20 x 24	508 x 610	19-5/8 x 23-5/8	1	12	26
	20 x 30	508 x 762	19-5/8 x 29-5/8	1	15	32
	20 x 36	508 x 914	19-5/8 x 35-5/8	1	17	38
	22 x 22	559 x 559	21-5/8 x 21-5/8	1	12	27
	22 x 30	559 x 762	21-5/8 x 29-5/8	1	15	34
	22 x 36	559 x 914	21-5/8 x 35-5/8	1	19	41
	24 x 24	610 x 610	23-5/8 x 23-5/8	1	14	30
	24 x 30	610 x 762	23-5/8 x 29-5/8	1	16	36
	24 x 36	610 x 914	23-5/8 x 35-5/8	1	20	43
	24 x 48	610 x 1219	23-5/8 x 47-5/8	2	25	55
	30 x 30	762 x 762	29-5/8 x 29-5/8	1	20	43
	30 x 36	762 x 914	29-5/8 x 35-5/8	2	23	51
	30 x 48	762 x 1219	29-5/8 x 47-5/8	2	30	66
	32 x 32	813 x 813	31-5/8 x 31-5/8	2	22	49
	36 x 36*	914 x 914	35-5/8 x 35-5/8	2	27	60
2 HR WALLS ONLY FD2W						
	48 x 60*	1219 x 1524	47-5/8 x 59-5/8	2	55	122
* These Panels have 1-1/4" Wide Trim						



NOTE: FOR 2 HR FIRE-RATED DOORS FOR WALLS UP TO 36" X 48", SEE THE JL FD SERIES IN SIZES
[LINK TO SUBMITTAL HERE](#)

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

Other sizes available upon request for all Models.