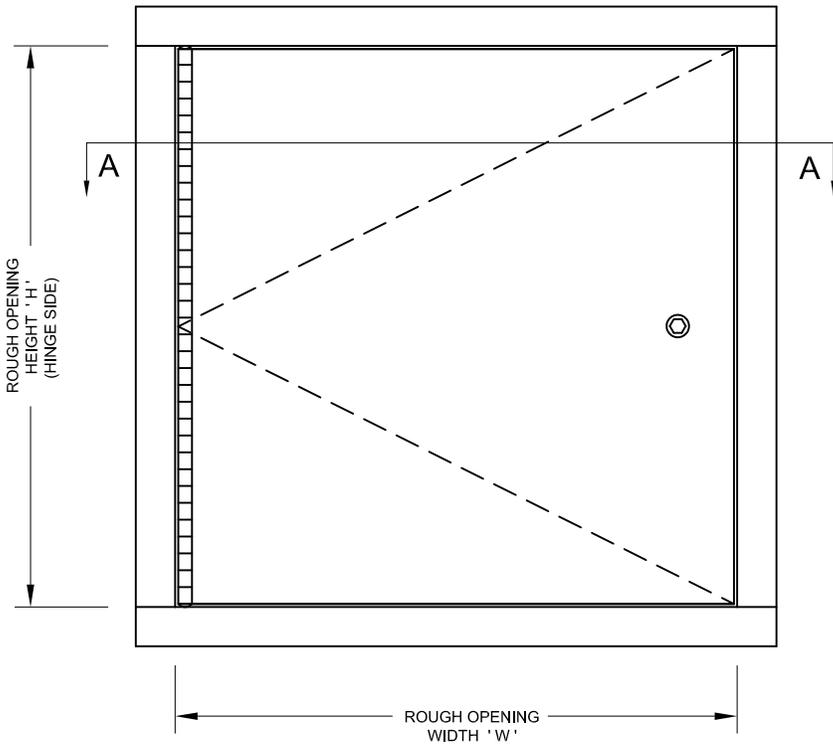


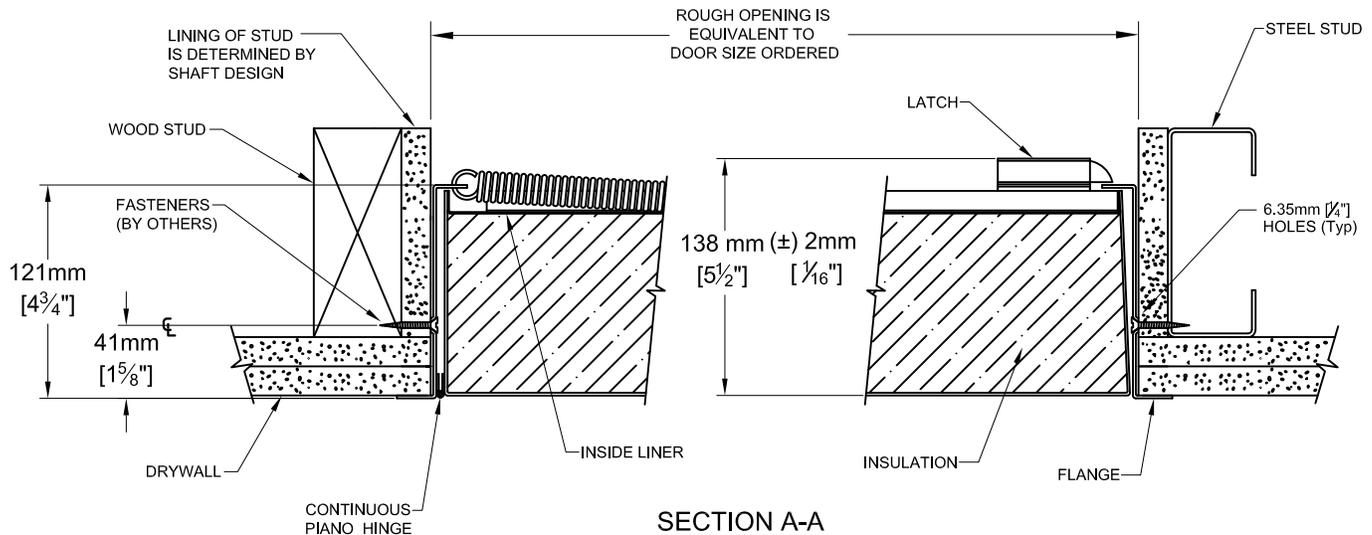
Protects electrical conductors while limiting the temperature rise to less than 90°C/162°F at 60 minutes.



FRONT ELEVATION

STANDARD CONSTRUCTION:

- MATERIAL** - SATIN FINISH GALVANIZED (GALVANNEALED) STEEL.
- PANEL** - 1.31mm [18 ga] , SELF CLOSING.
- LINER** - 0.85mm [22ga].
- FRAME** - 1.61mm [16 ga] UP TO 762mm x 1219mm [30" x 48"]. LARGER SIZES: 1.99mm [14ga].
- FLANGE** - 22mm [7/8"] EXTERIOR FLANGE UP TO AND INCLUDING 914mm x 914mm [36" x 36"]. LARGER SIZES: 32mm [1 1/4"].
- HINGE** - CONTINUOUS PIANO HINGE.
- PANEL CLOSER** - THE AUTOMATIC PANEL CLOSER WILL CLOSE AND LATCH THE DOOR FROM AN OPEN POSITION OF APPROXIMATELY 90° AS REQUIRED BY CODE.
- LATCH** -FACTORY INSTALLED FLUSH MOUNT 1/4" ALLEN KEY. ALL FIRE-RATED LOCKS ARE SELF-LATCHING. INTERIOR LATCH RELEASE MECHANISM AVAILABLE UPON REQUEST.
- INSULATION** - 102mm [4"] HIGH TEMPERATURE
- FINISH** - RUST INHIBITIVE PRIME COAT (OFF-WHITE).



SECTION A-A

* Specifications subject to change without notice.

PROJECT: _____

CONTRACTOR: _____

ARCH. OR ENG.: _____

DATE: _____

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DWN BY KB	DATE Feb. / 2014	DWG. NO. Sheet 1 of 3	REV. 
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INSTALLATION:

The frame is manufactured with mounting holes.
All holes must be securely fastened on all four sides. See installation instructions supplied with panel.

STANDARD SIZES

FCI-400 for Wall Applications - Opens 180°

Rough Opening Size W x H		Net Opening Size W x H		No. of Latches	Weight in kgs.	Weight in lbs.
Metric (mm)	Inches	Metric (mm)	Inches			
305 x 203	12 x 8	210 x 165	8¼ x 6½	1	6.80	15.00
305 x 305	12 x 12	210 x 267	8¼ x 10½	1	8.16	18.00
305 x 762	12 x 30	210 x 724	8¼ x 28½	1	15.88	35.00
305 x 914	12 x 36	210 x 876	8¼ x 34½	1	19.05	42.00
305 x 1219	12 x 48	210 x 1181	8¼ x 46½	1	24.04	53.00
356 x 356	14 x 14	273 x 318	10¾ x 12½	1	9.98	22.00
406 x 406	16 x 16	330 x 368	13 x 14½	1	11.79	26.00
457 x 457	18 x 18	387 x 419	15¼ x 16½	1	14.06	31.00
457 x 610	18 x 24	387 x 572	15¼ x 22½	1	17.24	38.00
457 x 762	18 x 30	387 x 724	15¼ x 28½	1	20.41	45.00
457 x 914	18 x 36	387 x 876	15¼ x 34½	1	24.49	54.00
457 x 1016	18 x 40	387 x 978	15¼ x 38½	1	26.31	58.00
457 x 1067	18 x 42	387 x 1029	15¼ x 40½	1	27.67	61.00
457 x 1219	18 x 48	387 x 1181	15¼ x 46½	1	30.84	68.00
508 x 508	20 x 20	438 x 470	17¼ x 18½	1	16.33	36.00
559 x 559	22 x 22	495 x 521	19½ x 20½	1	18.60	41.00
559 x 762	22 x 30	495 x 724	19½ x 28½	1	23.59	52.00
559 x 914	22 x 36	495 x 876	19½ x 34½	1	27.67	61.00
610 x 610	24 x 24	546 x 572	21½ x 22½	1	20.87	46.00
610 x 914	24 x 36	546 x 876	21½ x 34½	1	29.48	65.00
610 x 1219	24 x 48	546 x 1181	21½ x 46½	2	37.65	83.00
762 x 762	30 x 30	705 x 724	27¼ x 28½	1	29.48	65.00
762 x 1219	30 x 48	705 x 1181	27¼ x 46½	2	44.00	97.00
914 x 914	36 x 36	857 x 876	33¼ x 34½	2	39.92	88.00

Single leaf construction for Walls only

914 x 1219	36 x 48	857 x 1181	33¼ x 46½	2	50.80	112.00
1219 x 1219	48 x 48	1168 x 1181	46 x 46½	2	63.96	141.00
1219 x 1524	48 x 60	1168 x 1486	46 x 58½	2	80.29	177.00

FCI-400 for Ceiling Applications - Opens 90°

Rough Opening Size W x H		Net Opening Size W x H		No. of Latches	Weight in kgs.	Weight in lbs.
Metric (mm)	Inches	Metric (mm)	Inches			
305 x 203	12 x 8	102 x 165	4 x 6½	1	6.80	15.00
305 x 305	12 x 12	102 x 267	4 x 10½	1	8.16	18.00
356 x 356	14 x 14	165 x 318	6½ x 12½	1	9.98	22.00
406 x 406	16 x 16	222 x 368	8¾ x 14½	1	11.79	26.00
457 x 457	18 x 18	279 x 419	11 x 16½	1	14.06	31.00
457 x 610	18 x 24	279 x 572	11 x 22½	1	17.24	38.00
508 x 508	20 x 20	330 x 470	13 x 18½	1	16.33	36.00
559 x 559	22 x 22	387 x 521	15¼ x 20½	1	18.60	41.00
610 x 610	24 x 24	438 x 572	17¼ x 22½	1	20.87	46.00



PROJECT: _____

CONTRACTOR: _____

ARCH. OR ENG.: _____

DATE: _____

ORDERING:

- WHEN ORDERING, PLEASE SPECIFY WALL OR CEILING APPLICATION.
- PLEASE ORDER BY ROUGH OPENING SIZE.
- WHEN ORDERING THE SECOND DIMENSION GIVEN IS THE HINGE SIDE. (ie.457mm x610m [18"x24"],THE 610mm [24"] DIMENSION IS THE HINGE SIDE.

NOTE: When specifying or quoting projects,clarify if sizes given are net (clear) openings or rough opening sizes.

- THESE DOORS ARE NON-RETURNABLE

WARRANTY:

One Year Limited warranty. For complete details see **Access Door** warranty document.



Model FCI-400 wall and ceiling fire-rated panels are manufactured under the factory inspection service of Intertek (Warnock Hersey) and have a label reading: "Listed access frame and insulated fire door assembly **3 hour fire rating. Vertical and Horizontal Installation** ." Temperature rise maximum 90°C / 162°F at 60 minutes.

PROJECT SCHEDULE

- millimeters
 - inches

Qty	Rough Opening Size		Wall Application	Ceiling Application
	Width	Height		
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>



PURCHASE ORDER: _____

APPROVED BY: _____

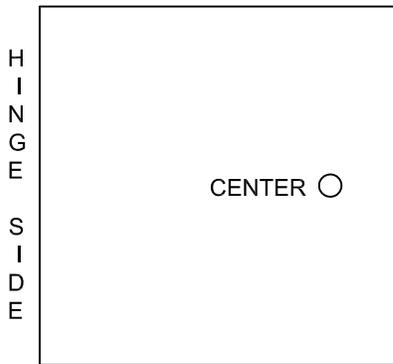
OPTIONS: * - DENOTES ADDITIONAL COST.

HARDWARE :-

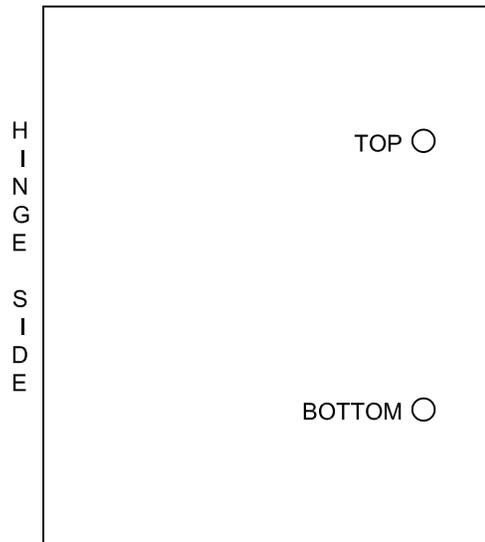
- STANDARD HARDWARE - ¼" ALLEN KEY. SEE SHEET 1 OF 3.

- OPTIONAL HARDWARE - **NOTE: TWO LATCHES ARE REQUIRED ON DOORS LARGER THAN 762mm x 762mm [30" x 30"]. SEE SHEET 2 OF 3.**

ONE LATCH



TWO LATCHES



CENTER LATCH

TOP LATCH

BOTTOM LATCH

- ALLEN KEY

- ALLEN KEY

- ALLEN KEY

- INTERIOR LATCH RELEASE MECHANISM.

- INTERIOR LATCH RELEASE MECHANISM.

- INTERIOR LATCH RELEASE MECHANISM.

* - 1⅛" MORTISE PREP ONLY.

* - 1⅛" MORTISE PREP ONLY.

* - 1⅛" MORTISE PREP ONLY.

* - 1⅛" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.

* - 1⅛" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.

* - 1⅛" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.

PROJECT: _____

PURCHASE ORDER: _____

CONTRACTOR: _____

APPROVED BY: _____

ARCH. OR ENG.: _____

DATE: _____