



DETAIL AND SUBMITTAL SHEET

DISTRIBUTOR: _____ CONTRACTOR: _____

MODEL NUMBER: _____ PROJECT: _____

QUANTITY: _____ APPROVED BY: _____

ARCHITECT: _____ DATE: _____

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FIRE RATED ACCESS PANELS - WALLS AND CEILINGS

MODEL FD SERIES FLUSH MOUNTED ACCESS PANELS

UL TEST NUMBER: R13067-1
WHI TEST NUMBER: WHI-495-PSH-0163
CALIFORNIA STATE FIRE MARSHALL (CSFM) NUMBER: 3330-1223:100

Specify Model FD when you need to provide access to utilities in the walls or ceilings of stairwells, shafts, corridors and any other areas where fire ratings are important. To facilitate installation in wall construction, frames are equipped with masonry anchors and bolt holes. Doors are furnished with an automatic closer and latch automatically when door is released. The door panel has 2" of insulation in a sandwich-type construction. The FD Series model access door has also proved practical for use when reduction in sound transmission through access openings is desired.

The FD Series can be installed in fire rated walls or ceilings and maintains the fire barrier ratings. These panels carry Underwriters Laboratories 1-1/2 hour "B" label rating for wall applications and the Warnock Hersey label for 3-hour non-combustible and 1 -hour combustible floor/ceiling assemblies.

Model FDWB incorporates a special drywall bead frame so that drywall cement may be applied to cover and conceal the flange at the time wall board joints and corners are being cemented.

Model FDPW includes a 3/4" plasterguard for use in plaster walls.

Note: Both models FDWB and FDPW may be installed in ceiling systems as well (up to 24" x 36" size only), provided this requirement is clearly specified at the time of ordering.

J.L. also has available a fire rated detention panel with a 14-gauge steel door for security applications, Model HGF. See our Detention Specialties Catalog JLI/11190 in Sweet's for additional information.

SPECIFICATIONS:

Materials FD, FDWB and FDPW

Frame: 16 gauge steel
Door: 20 gauge steel
Finish: Gray baked enamel

Materials FDSS

Frame: 16 gauge stainless steel
Door: 20 gauge stainless steel
Finish: #4 satin finish stainless steel

Materials HGFD Frame

Frame: 14 gauge steel
Door: 14 gauge steel prime coat
Finish: Gray baked enamel prime coat
Hinge: Continuous hinge mounted on the long side of oblong panels.

Latch: Universal latch mechanism can be converted between turning and key lock in the field and is recessed to allow for wall covering to be applied over panel face with no obstruction. Includes interior latch release device for unlocking door from inside.

Packaging: One panel per carton.

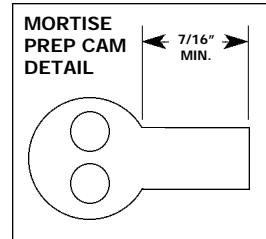
Automatic Closing: Spring closer on all size panels assures positive latching of closing door. A second spring is included on sizes 16" x 16" thru 24" x 36" and must be used for the ceiling fire rating on these sizes.

Options:

- ___ Galvanized Steel option, door and frame.
- ___ Mortise preparation for cylinder lock by others. This preparation will accept any standard 1-1/8" da. mortise cylinder and allows you to key to new or existing master key system Cam must be with minimum "x" length of 7/16" (see diagram).



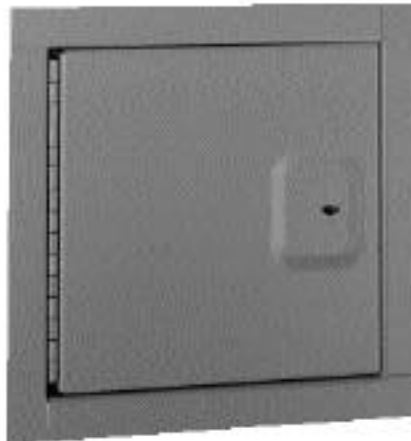
UNIVERSAL LATCH



MODEL FD MORTISE PREP



MODEL FD



MODEL FDWB



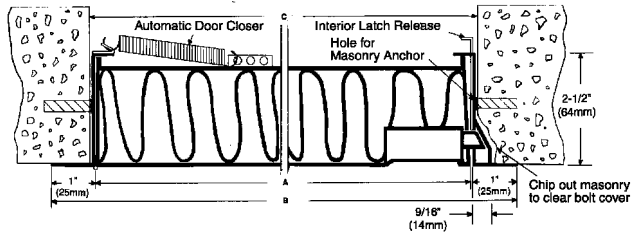


FIGURE 1
WALL
INSTALLATION
DETAIL
MODELS FD, FDSS,
AND HGFD
 REFER TO TABLE

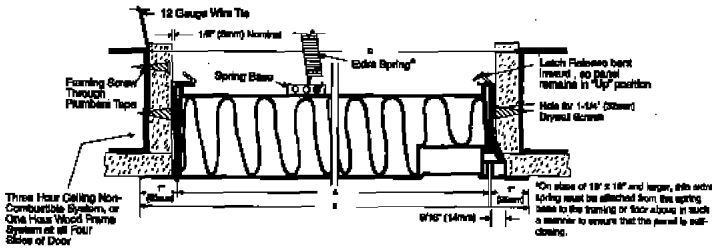


FIGURE 2
3-HOUR CEILING
INSTALLATION
DETAIL
MODELS FD, FDSS,
 REFER TO TABLE

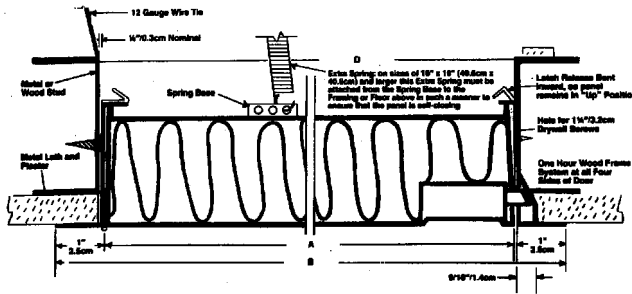


FIGURE 3
1-HOUR CEILING
INSTALLATION
DETAIL
MODELS FD, FDSS
 REFER TO TABLE

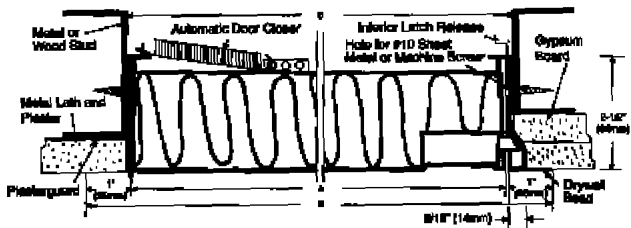


FIGURE 4
WALL
INSTALLATION
DETAIL
MODELS FDWB,
FDPW
 REFER TO TABLE

DOOR SIZES AND WALL/CEILING OPENINGS: MODELS FD, FDSS, AND HGFD

• DIMENSIONS IN INCHES • WEIGHT IN POUNDS

A - MODEL SIZE WIDTH X HEIGHT	B - OUTSIDE FRAME DIMENSIONS		C - WALL OPENING DIMENSIONS 1-HOUR CEILING OPENING DIMENSIONS		D - CEILING OPENING DIMENSIONS 3-HOUR CEILING OPENING DIMENSIONS		SHIPPING WEIGHT			LATCHES
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	FD FDWB	FDSS	HGFD	
8" x 8"	10"	10"	8 3/8"	8 3/8"	9 5/8"	9 5/8"	7	7	11	1
10" x 10"	12"	12"	10 3/8"	10 3/8"	11 5/8"	11 5/8"	9	9	15	1
12" x 12"	14"	14"	12 3/8"	12 3/8"	13 5/8"	13 5/8"	11	11	17	1
14" x 14"	16"	16"	14 3/8"	14 3/8"	15 5/8"	15 5/8"	15	15	22	1
16" x 16"	18"	18"	16 3/8"	16 3/8"	17 5/8"	17 5/8"	16	16	24	1
18" x 18"	20"	20"	18 3/8"	18 3/8"	19 5/8"	19 5/8"	19	20	30	1
20" x 30"	22"	32"	20 3/8"	30 3/8"	21 5/8"	31 5/8"	34	35	51	1
22" x 30"	24"	32"	22 3/8"	30 3/8"	23 5/8"	31 5/8"	32	33	53	2
24" x 24"	26"	26"	24 3/8"	24 3/8"	25 5/8"	25 5/8"	27	28	47	1
22" x 36"	24"	38"	22 3/8"	36 3/8"	23 5/8"	37 5/8"	40	41	58	2
24" x 36"	26"	38"	24 3/8"	36 3/8"	25 5/8"	37 5/8"	42	43	60	2
24" x 48"	26"	50"	24 3/8"	48 3/8"	-	-	57	59	85	2
30" x 30"	32"	32"	30 3/8"	30 3/8"	-	-	44	45	62	2
32" x 32"	34"	34"	32 3/8"	32 3/8"	-	-	54	55	81	2
36" x 36"	38"	38"	36 3/8"	36 3/8"	-	-	61	63	92	2
36" x 48"	38"	50"	36 3/8"	48 3/8"	-	-	75	78	114	2
X	"	"	"	"	"	"				

SPECIAL SIZE DOORS AVAILABLE FROM 8" X 8" TO 36" X 48"
 **SEE CEILING INSTALLATION INSTRUCTIONS PROVIDED WITH PRODUCT
 NOTE: WARNOCK HERSEY FIRE RATED CEILING LABEL FOR SIZES UP TO 24" X 36" ONLY