



FLOOR DOOR CATALOG

DIVISION 08 30 00
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SPECIALTY DOORS AND FRAMES
FLOOR DOORS



ACTIVAR CONSTRUCTION PRODUCTS GROUP INC.



FLOOR DOOR: FIRE-RATED



Recessed Stainless Steel Turn Handle Topside (standard)

FHD™ SERIES: FIRE-RATED FLOOR DOORS

1, 2 & 3 HOUR

JL Industries offers 1, 2 and 3 hour fire rated floor door models that are designed to control the transmission of heat and flames when installed in a floor-ceiling assembly with a maximum temperature rise of 250° F for the specified rating period.

PRODUCT DETAILS:

Frame Material: 12 gauge galvalume steel with ash gray primer

Door Material: 1/4" Aluminum tread plate with mill finish and 14 gauge galvalume steel frame and liner with ash gray primer

Insulation: High temperature ceramic fiber insulation

Latch: Stainless steel slam latch operated by a stainless steel recessed turn handle topside

Hinge: Continuous stainless steel piano hinge

Spring/Cylinder: 316 Stainless steel gas spring cylinders

Self-Closing Mechanism: 165° Fahrenheit (74° Celsius) fusible link melts during fire automatically closing door without warning by releasing gas in cylinders. Not available on sizes larger than 42" x 60".

Installation Kit: Includes anchor straps for installing into concrete and screws for wood frame installations

Sizes:

Minimum: 26" x 24"

Maximum 1 & 2 Hour: 64" x 60"

Maximum 3 Hour: 42" x 60" or 48" x 48"

Load: 150 psf

Note: Floor Door is not to be exposed to rain or wet environments. Intended for dry location use only.

FIRE RATING:

QAI Laboratories listed and labeled to NFPA-288 for 1, 2 and 3 hours for horizontal fire door assemblies

Testing Standards: NFPA 288

ADDITIONAL OPTIONS:

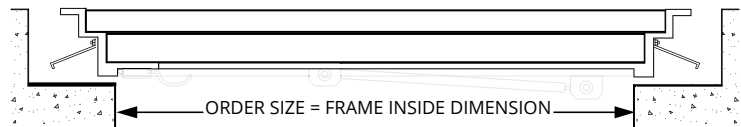
Other Options:

- No self-closing mechanism at 165F
- Bituminous coating on frame exterior exposed to concrete
- Painted lettering: door panel painted in optional yellow with "FIRE DOOR DO NOT STORE MATERIALS/EQUIPMENT ON SURFACE" in black lettering

Material Options: 1/4" Aluminum smooth plate, 3/16" aluminum smooth plate recessed, 3/16" steel tread plate

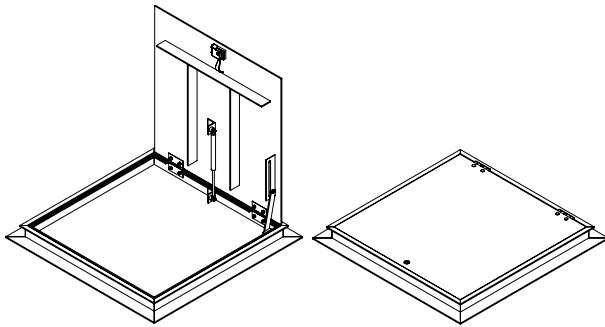
Latch Options:

- Removable tool and plug top, slam latch bottom



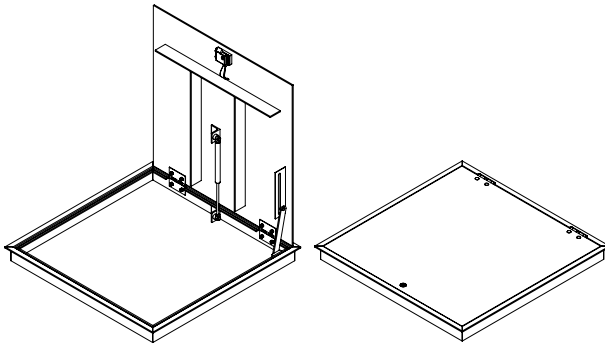
MODELS			FRAME OPENING ID	
1 Hour	2 Hour	3 Hour	WIDTH	LENGTH
FHD1R-2624	FHD2R-2624	FHD3R-2624	26"	24"
FHD1R-3030	FHD2R-3030	FHD3R-3030	30"	30"
FHD1R-3048	FHD2R-3048	FHD3R-3048	30"	48"
FHD1R-3624	FHD2R-3624	FHD3R-3624	36"	24"
FHD1R-3630	FHD2R-3630	FHD3R-3630	36"	30"
FHD1R-3636	FHD2R-3636	FHD3R-3636	36"	36"
FHD1R-3648	FHD2R-3648	FHD3R-3648	36"	48"
FHD1R-3654	FHD2R-3654	FHD3R-3654	36"	54"
FHD1R-4242	FHD2R-4242	FHD3R-4242	42"	42"
FHD1R-4260	FHD2R-4260	FHD3R-4260	42"	60"
FHD1R-4848*	FHD2R-4848*	FHD3R-4848*	48"	48"
FHD1R-6460*	FHD2R-6460*	(not available)	64"	60"

*Self closing mechanism NOT available in this size



Model FLDA-3636S

MODEL	DOORS	FRAME OPENING ID	
		WIDTH	LENGTH
FLDA-2424S	Single	24"	24"
FLDA-2436S	Single	24"	36"
FLDA-3030S	Single	30"	30"
FLDA-3048S	Single	30"	48"
FLDA-3636S	Single	36"	36"
FLDA-3648S	Single	36"	48"
FLDA-3730S	Single	37"	30"
FLDA-4242S	Single	42"	42"
FLDA-4848S	Single	48"	48"
FLDA-4848D	Double	48"	48"
FLDA-6060D	Double	60"	60"



Model FLDE-3535S

MODEL	DOORS	FRAME OPENING ID		EXISTING OPENING	
		WIDTH	LENGTH	WIDTH	LENGTH
FLDE-2323S	Single	23"	23"	24"	24"
FLDE-2335S	Single	23"	35"	24"	36"
FLDE-2929S	Single	29"	29"	30"	30"
FLDE-2947S	Single	29"	47"	30"	48"
FLDE-3535S	Single	35"	35"	36"	36"
FLDE-3547S	Single	35"	47"	36"	48"
FLDE-4141S	Single	41"	41"	42"	42"
FLDE-4747S	Single	47"	47"	48"	48"

FLDA SERIES: ANGLED FLOOR DOOR

A flush floor door that is designed to remain corrosion-free with non-slip diamond plate surface.

PRODUCT DETAILS:

Frame Material: 1/4" extruded aluminum

Door Material: Reinforced 1/4" diamond aluminum plate

Standard Finish: Mill with bituminous coating on outer frame

Latch: 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16" steel square key included.

Hinge: 304 Stainless steel

Spring: 304 Stainless steel gas assist opener

Hold Open Arm: Stainless steel automatic locking hold open arm

Load: 300 psf

Sizes:

Minimum: 24" x 24"

Maximum: 60" x 60"

ADDITIONAL OPTIONS:

Padlock tab



ORDER SIZE = FRAME INSIDE DIMENSION

FLDA Cross-Section

FLDE SERIES: ANGLED EXISTING FLOOR DOOR

Retrofit floor door is ready to be installed in an existing floor opening.

PRODUCT DETAILS:

Frame Material: 1/4" extruded aluminum

Door Material: Reinforced 1/4" diamond aluminum plate

Standard Finish: Mill

Frame Construction: Pre-drilled .28" dia mounting holes for 1/4" hardware (by others) 1-1/2" from bottom of frame

Latch: 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16" steel square key included.

Hinge: 304 Stainless steel

Spring: 304 Stainless steel gas assist opener

Hold Open Arm: Stainless steel automatic locking hold open arm

Load: 300 psf

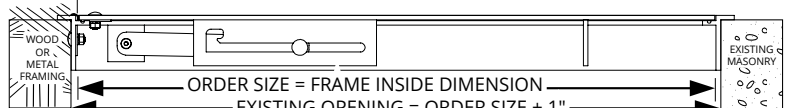
Sizes:

Minimum: 23" x 23"

Maximum: 48" x 48"

ADDITIONAL OPTIONS:

Padlock tab



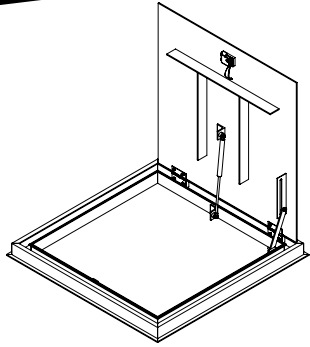
ORDER SIZE = FRAME INSIDE DIMENSION

EXISTING OPENING = ORDER SIZE + 1"

FLDE Cross-Section



FLOOR DOOR



Model FLDD-3636S

MODEL	DOORS	FRAME OPENING ID	
		WIDTH	LENGTH
FLDD-2424S	Single	24"	24"
FLDD-2436S	Single	24"	36"
FLDD-3030S	Single	30"	30"
FLDD-3048S	Single	30"	48"
FLDD-3636S	Single	36"	36"
FLDD-3648S	Single	36"	48"
FLDD-3730S	Single	37"	30"
FLDD-4242S	Single	42"	42"
FLDD-4848D	Double	48"	48"
FLDD-6060D	Double	60"	60"



Model FLDR-3030S

MODEL	DOORS	FRAME OPENING ID	
		WIDTH	LENGTH
FLDR-2424S	Single	24"	24"
FLDR-3030S	Single	30"	30"
FLDR-3036S	Single	30"	36"
FLDR-3636S	Single	36"	36"
FLDR-4242S	Single	42"	42"

FLDD SERIES: DRAINABLE FLOOR DOOR

A flush aluminum floor door with integral gutter system for water run-off.

PRODUCT DETAILS:

Frame Material: 1/4" extruded aluminum

Door Material: Reinforced 1/4" diamond aluminum plate

Standard Finish: Mill with bituminous coating on outer frame

Latch: 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16" steel square key included.

Hinge: 304 Stainless steel

Spring: 304 Stainless steel gas assist opener

Hold Open Arm: Stainless steel automatic locking hold open arm

Load: 300psf

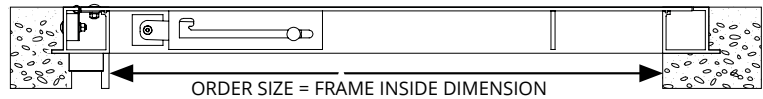
Sizes:

Minimum: 24" x 24"

Maximum: 60" x 60"

ADDITIONAL OPTIONS:

Padlock tab



FLDR SERIES: RECESSED FLOOR DOOR

This architectural recessed floor door is designed to accommodate the installation of 1/8" tile or carpet to blend in with surrounding flooring.

PRODUCT DETAILS:

Frame Material: 1/4" x 3"x 3" angle aluminum with 1/8" lip for flooring infill and bolt-on masonry anchors

Door Material: 1/4" aluminum smooth plate with 1/8" lip for flooring infill

Standard Finish: Mill

Latch: Zinc plated steel slam latch with flush key operator on exterior and handle opener on inside. Chrome plated 5/16" steel square key included.

Hinge: Aluminum arm-type hinge with 304 stainless steel bolts

Spring: Chrome silicone torsion bar

Hold Open Arm: Aluminum automatic locking hold open arm with red vinyl grip handle

Load: 150psf

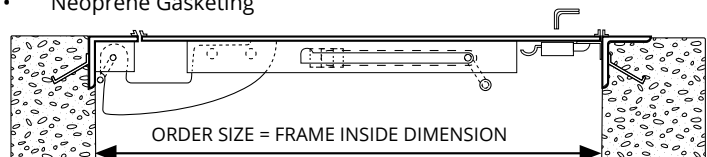
Sizes:

Minimum: 24" x 24"

Maximum: 48" x 48"

ADDITIONAL OPTIONS:

- Door and frame with 3/16" lip for flooring infill
- 304 Stainless steel slam latch
- Bituminous coating on outer frame
- Neoprene Gasketing



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