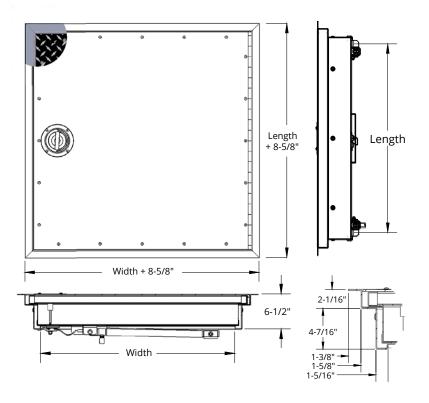
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■ FLOOR DOOR -FHD SERIES - 1 HOUR FIRE-RATED FHD1R

Our FHD floor doors are designed to control the transmission of heat and flames when installed in a floor-ceiling assembly with a maximum temperature rise of 250 degrees Fahrenheit (121.1 degrees Celsius) for the specified rating periods of 1 hour.



SPECIFICATIONS:

Frame Material: 12 gauge (2.75 mm) galvanneal steel with ash gray

Door Material: 1/4" (6.35 mm) Aluminum tread plate with mill finish and 14 gauge (1.99mm) galvanneal steel frame and liner with ash gray primer

Insulation: High temperature ceramic fiber insulation

Hinge: Continuous stainless steel hinge

Latch: Stainless steel slam latch operated by a stainless steel

recessed turn handle topside.

Spring/Cylinder: 316 stainless steel gas spring cylinders

Self Closing Mechanism: 165 degrees Fahrenheit (74 degrees Celsius) fusible link melts during fire automatically closing door without warning by releasing gas in cylinders. Not available on sizes larger than 42" (1067 mm) x 60" (1524 mm).

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

Live Load: 150 lbs/sq ft (700 kg/sq metre)

Sizes:

Minimum Size: 26" x 24" (660 mm 610 mm)

Maximum Size 1 Hour: 64" x 60" (1626 mm x 1525 mm)

Clear Opening:

Size width up to 30": Width minus 12" (305 mm) x Length

Size width over 30": Width minus 8.25" (210 mm) x Length

FIRE-RATING:

QAI Laboratories listed and labeled for 1, 2 and 3 hours for horizontal fire door assemblies.

Testing Standards: NFPA 288, CAN/ULC S101

Note: For CAN/ULC S101: Fire Rated floor door can only be installed in concrete.

COMMON SIZES FHD1R										
	ORDER SIZE W x L (Inside Opening)			ROX GHT		ORDER SIZ (Inside O	APPROX WEIGHT*			
QTY	inches	mm	kg	lb	QTY	inches	mm	kg	lb	
	26 x 24	660 x 610	58.97	130		36 x 48	914 x 1219	163.30	360	
	30 x 30	762 x 762	85.28	188		36 x 54	914 x 1372	183.71	405	
	30 x 48	762 x 1219	136.08	300		42 x 42	1067 x 1067	167.83	368	
	36 x 24	914 x 762	81.65	180		42 x 60	1067 x 1524	233.60	525	
	36 x 30	914 x 762	102.06	225		* 48 x 48	1219 x 1219	218	480	
	36 x 36	914 x 914	123	270		* 64 x 60	1626 x 1524	363	800	

More Sizes Available Upon Request. *Self Closing Mechanism NOT available in this size.

	Distributor:		Project:		
	Contractor:		Approved By:		
MAXAM	Date:		Architect:		
	Scale: N/A	Pages: 1 of 3	Item #:		
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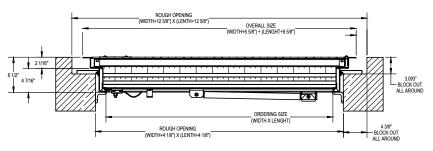
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FLOOR DOOR -FHD SERIES - 1 HOUR FIRE-RATED FHD1R

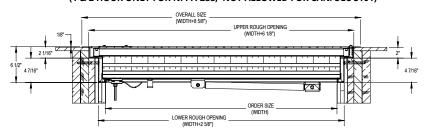
INSTALLATION: CONCRETE FHD SERIES - CAST-IN-PLACE

OVERALL SIZE (WIDTH+8 5/8") 2 1/16" ORDER SIZE ANCHOR STRAP (PROVIDED)— BEND TO SUIT

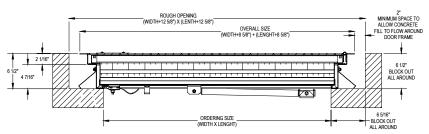
INSTALLATION: CONCRETE FHD SERIES - RETROFIT 1



INSTALLATION: WOOD FRAMING FHD SERIES (1 & 2 HOUR ONLY FOR NFPA-288, NOT ALLOWED FOR CAN/ULC S101)



INSTALLATION: CONCRETE FHD SERIES - RETROFIT 2



See installation instructions for more detail

MADE-TO-ORDER FIRE-RATED FLOOR DOOR - FHD SERIES: INSULATED - EXAMPLE: FHD1RAT-3648U1PA

QTY	MODEL	FIRE-RATIN	G	COVER MATERIAL	-	WIDTH	LENGTH	TH LATCH / LOCK		FF	FRAME FINISH -		OPTIONS	
	FHD	1R 1-Hou		AT 1/4" Aluminum tread plate; mill finish, std					U1 Recessed turn handle top- side, slam latch bottom	РА	Primer, Ash Gray		BT Bituminous coating on frame exerior exposed to concrete	
				AP 1/4" Aluminum smooth plate, mill finish					U2 Removable tool and plug topside, slam latch bottom				PH Padlock hasp on bottom	
				3/16" Aluminum smooth plate, mill AR finish, recessed for 1/8"-3/16" flooring inserts. Max size 42" x 42"						•			SN No self-closing mechanism at 165 ° F	
				GT 3/16" Steel tread plate, primer ash gray finish. Max size 36" x 36".									Door painted yellow with black letters: YB "FIRE DOOR DO NOT STORE MATERIALS/ EQUIPMENT ON SURFACE" *	

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It is the responsibility of the customer to communicate specifications and product performance requirements that are needed for their application. This document is intended to convey potential product configurations and offerings. It is not to be used to imply or represent a specification or rating, of finished products shipped. Detailed, specific submittals can be created upon request. It is the responsibility of the customer to specify product accordingly to comply with local laws, codes, and ordinances.

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FLOOR DOOR -FHD SERIES - 1 HOUR FIRE-RATED FHD1R

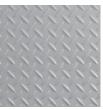


FHD with Standard 1/4"(6.35 mm) Aluminum Tread Plate (AT) and Optional Removable Tool (U2)

FLOOR DOOR OPTIONAL MATERIAL, LOCKS, LATCHES, HARDWARE, AND COLOR



AT - 1/4" (6.35 mm) Aluminum Tread Plate, Mill Finish (Standard)



GT - 3/16" (4.78 mm) Steel Tread Plate, Primer Ash **Gray Finish**



AP - 1/4" (6.35 mm) Smooth Aluminum Plate, Mill Finish



AR - 3/16" Smooth Aluminum, Mill Finish, Recessed for 1/8"-3/16" Flooring Inserts



YB - Door painted yellow with "FIRE DOOR DO NOT STORE MATERIALS/EQUIPMENT ON SUR-FACE" in black lettering (Not available on AR cover)



U1 - Recessed Stainless Steel Turn Handle Topside (Standard)



PH - Padlock Hasp Underside



U2 - 316 Stainless Steel Slam Latch with Topside Removable Tool and Underside Spoon Handle



BT - Bituminous Coating

Page 3 of 3

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