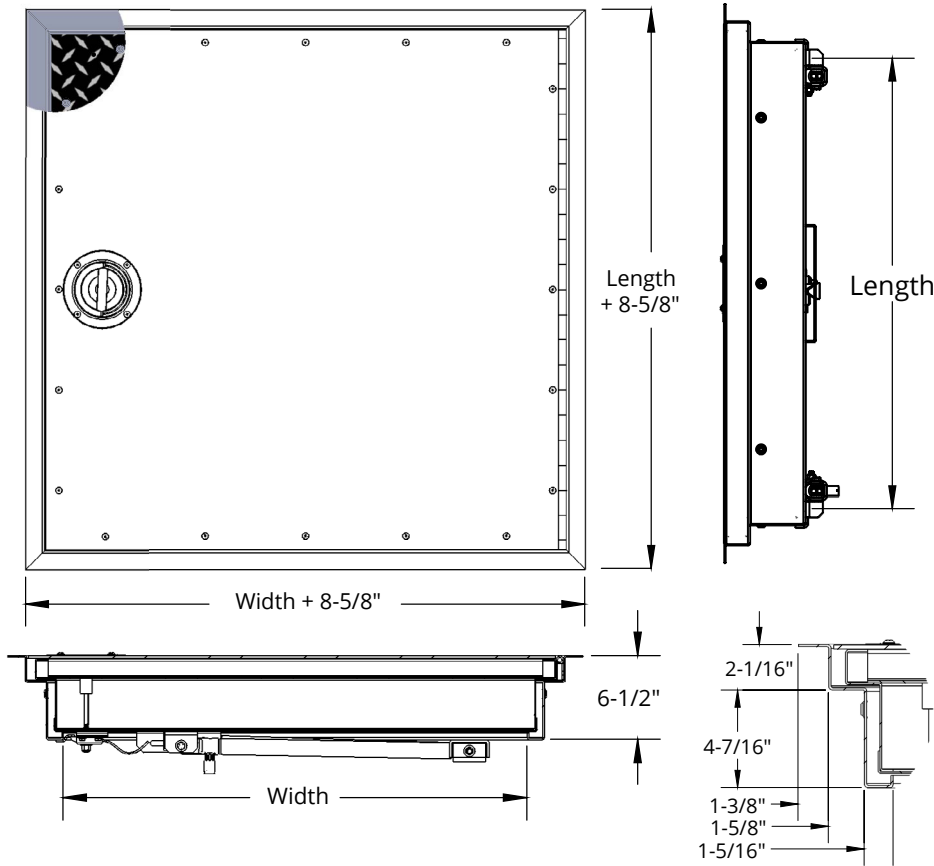


FLOOR DOOR - FHD SERIES - 3 HOUR FIRE-RATED FHD3R

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 3 hours.



SPECIFICATIONS:

- Frame Material:** 12 gauge (2.75 mm) galvaneal steel with ash gray primer
- Door Material:** 1/4" (6.35 mm) Aluminum tread plate with mill finish and 14 gauge (1.99mm) galvaneal 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 x 610 mm)
- Maximum Size 3 Hour:** 42" x 60" (1067 mm x 1525 mm) or 48" x 48" (1219 mm x 1219 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.

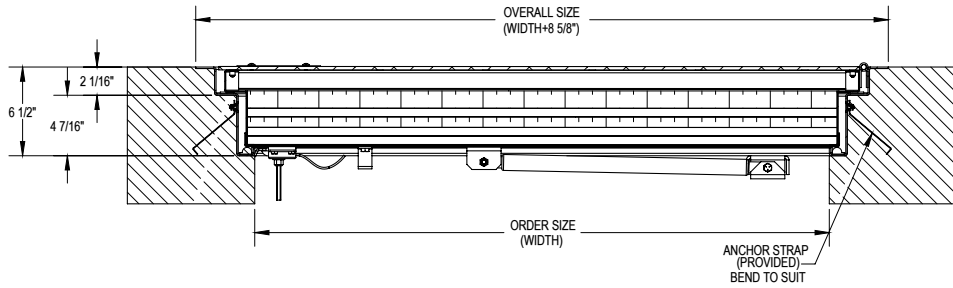
COMMON SIZES FHD3R

ORDER SIZE W x L (Inside Opening)		APPROX WEIGHT		ORDER SIZE W x L (Inside Opening)		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					

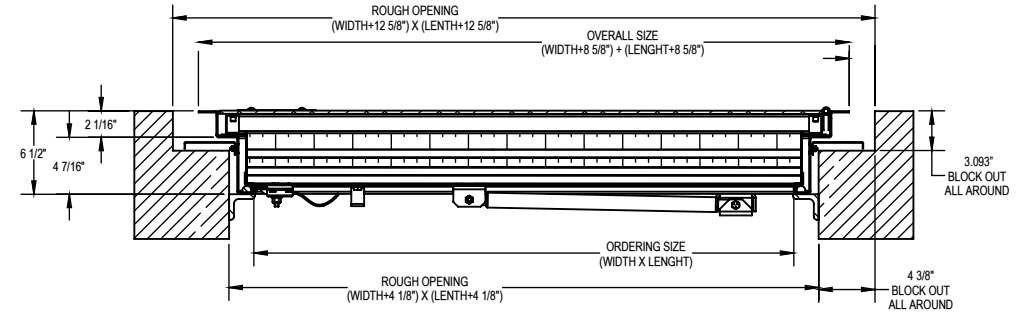
More Sizes Available Upon Request. *Self Closing Mechanism NOT available in this size.

	 800-554-6077  sales@activarcpg.com  www.activarcpg.com	Distributor:		Project:	
		Contractor:		Approved By:	
CANADA ONLY: 604-433-4243 info@maxammetal.com maxammetal.com		Date:		Architect:	
© 2024 Activar Construction Products Group, Inc. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ACTIVAR CONSTRUCTION PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS PROHIBITED.		Scale: N/A	Pages: 1 of 3	Item #:	

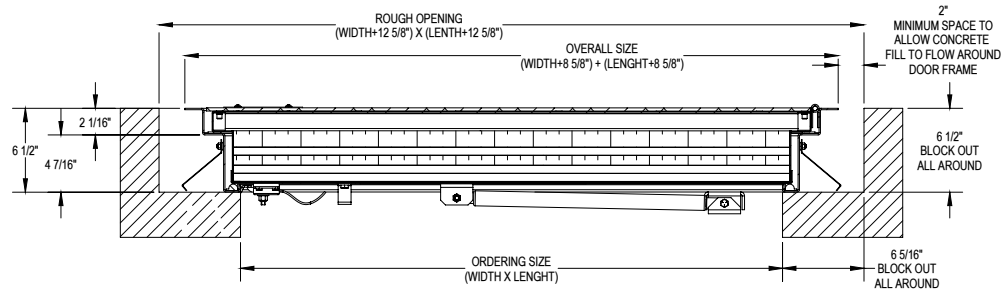
INSTALLATION: CONCRETE FHD SERIES - CAST-IN-PLACE



INSTALLATION: CONCRETE FHD SERIES - RETROFIT 1



INSTALLATION: CONCRETE FHD SERIES - RETROFIT 2



See installation instructions for more detail

MADE-TO-ORDER FIRE-RATED FLOOR DOOR - FHD SERIES: INSULATED - EXAMPLE: FHD3RAT-3648U1PA

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

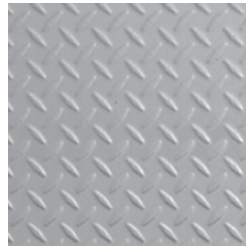


FHD with Standard 1/4"(6.35 mm) Aluminum Tread Plate (AT) and Optional Removable Tool (U2)

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



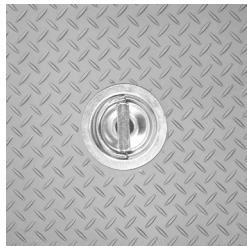
AP - 1/4" (6.35 mm) Smooth Aluminum Plate, Mill Finish



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



YB - For "GT" Cover. Painted Lettering: Door panel painted in optional yellow with "FIRE DOOR DO NOT STORE MATERIALS/EQUIPMENT ON SURFACE" in black lettering



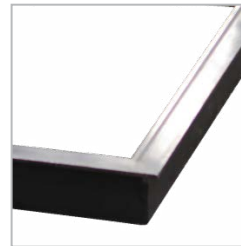
U1 - Recessed Stainless Steel Turn Handle Topside (Standard)



PH - Padlock Hasp Underside



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



BT - Bituminous Coating