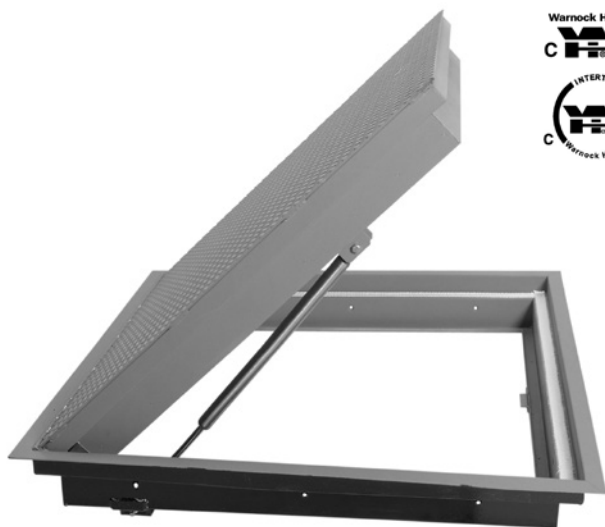
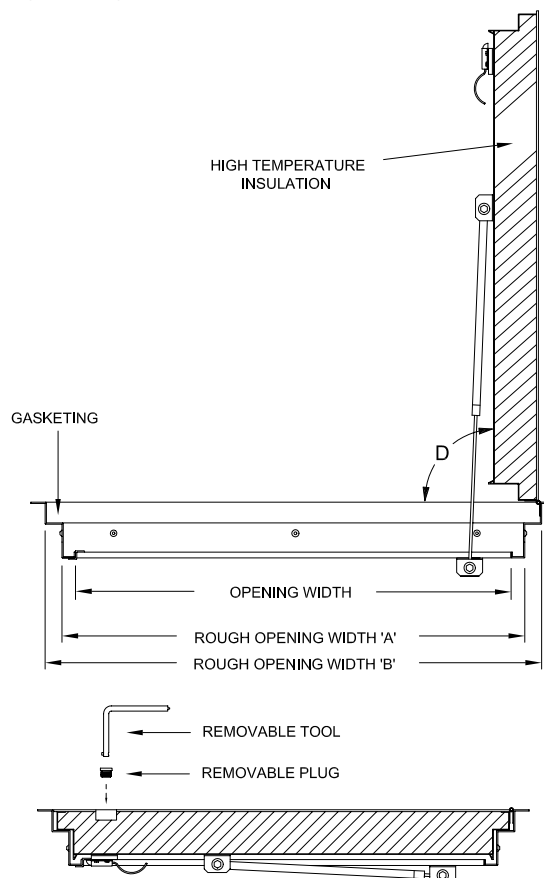


MODEL FHD2R - Two Hour Insulated Fire-Rated Floor Door Wood Framing or Cast-In-Place Application



Tested and listed to standards: NFPA 288, ASTM E119, CAN/ULC S101 and NFPA 251; which states "Transmission of heat through the specimen (floor door) during the classification period (listed rating period) shall not have been as to raise the average temperature on its unexposed surface more than 139°C (250°F) above its initial temperature." Hose stream test standards: NFPA 252, UL 10(b), CAN4-S104 (ULC-S104) and UBC 7-2-94.

- Easily installed into wood framing or cast-in-place applications as specified.
- Designed for simple installation, the contractor is not required to pour cement into the door panel or to apply intumescent coating on underside of the surrounding structure.
- One, one and a half and two hour fire-rated floor doors are available with a 4.78mm ($\frac{3}{16}$ ") recess to accept VCT tile or carpet.
- Fasteners or anchor straps are supplied for wood framing or cast-in-place applications. Please specify which application is required when ordering.
- Non-standard sizes available upon request.
- Optional: Self-closing mechanism available, contact MAXAM for more details.
- Please reference size chart page when ordering.
- Door panel standard with handle(s) on the underside.



Door Panel

4.78mm ($\frac{3}{16}$ ") steel checker plate

Optional Door Panels

6.35mm ($\frac{1}{4}$ ") aluminum checker plate

6.35mm ($\frac{1}{4}$ ") steel checker plate

6.35mm ($\frac{1}{4}$ ") smooth aluminum plate

4.78mm ($\frac{3}{16}$ ") smooth steel plate

Optional Recessed Door Panel

Smooth aluminum plate recessed for

4.78mm ($\frac{3}{16}$ ") to accept VCT tile or carpet

Live Load

700 kg/sq. metre (150 lbs/sq. ft.)

Optional Live Load

1400 kg/sq. metre (300 lbs/sq. ft.)

no larger than 1067mm x 1067mm (42" x 42")

Frames

2.75mm (12ga) and 1.99mm (14ga) satin finished (bonderized) steel

Hinge

Continuous stainless steel hinge

Gasket

Frame gasketed on all four sides on the upper section of the frame only.

Latch

316 stainless steel slam latch with a removable cover plug, operable from the top side by a removable tool and the underside by a spoon handle.

Optional Latch Operator

Hand operated recessed turn handle

Optional Security Detention Lock

Panel Operator

316 stainless steel nitrogen cylinders

Insulation

Door panel is filled with a high temperature insulation material.

Finishes

Steel, electrostatically applied grey primer

Aluminum, mill finish

Optional Finish

Door panel painted yellow with the following instructions painted in black:

"FIRE DOOR DO NOT STORE MATERIALS/ EQUIPMENT ON SURFACE".

Installation

Concrete: Supplied with stainless steel anchor straps for cast-in-place. Two part epoxy bituminous coating on outside of frame for cast-in-place applications.

Wood Framing: Supplied with fasteners, drivers and a high temperature sealer. Outer frame prime coated for installation into wood framing.

Ordering

Please reference size charts.

Contact us at Maxam for more details.

Note: Fire-rated floor doors are non-returnable.

Guarantee

Manufacturer shall guarantee floor door against defects in material or workmanship for five years from date of shipping.

DOOR IS NOT TO BE EXPOSED TO RAIN, FOR DRY LOCATION USE ONLY.

Patented