

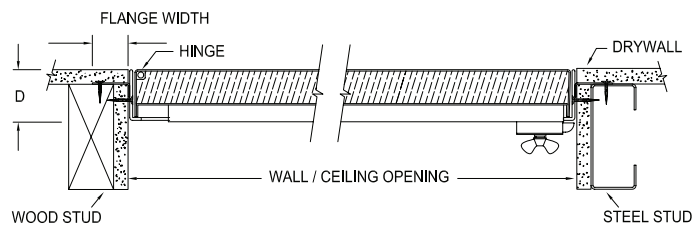
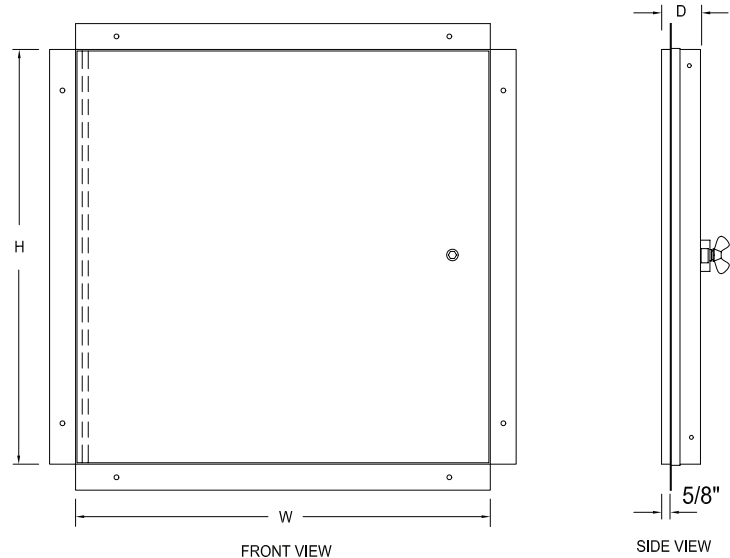
VAN-MET® MODEL FCL-150 - Two Hour Fire-Rated Insulated for Wall or Ceiling Application

manufactured to the VAN-MET® design standard



Model FCL-150 wall and ceiling fire-rated panels are manufactured under the factory inspection service of Intertek (Warnock Hersey) and have a label reading: "Listed access frame and insulated fire door assembly **2 hour fire rating. Vertical and Horizontal Installation.** Temperature rise maximum 139° C / 250° F at 30 minutes, 250° C / 450° F at 60 minutes."

- Ideal for high profile areas, which require long-term durability and a pleasing appearance.
- Designed for use in a wall or ceiling application where control of temperature rise and heat transmission is required.
- Tested and listed by Intertek (Warnock Hersey) for a two hour fire rating in a wall or ceiling applications.
- Meets temperature rise requirements for a wall application in the United States at 250° F at 30 minutes and 450° F at 60 minutes. In Canada at 250° C at 60 minutes.
- Standard 16mm (5/8") deep concealed wrap around flange construction makes the frame extremely rigid to create superior strength within all door sizes.
- Exterior appearance is compatible with the non-rated and fire-rated Van-Met access door line.



Materials

Satin finish galvanized steel or 304 stainless steel
 Frame - 1.61mm (16ga) steel up to and including 762mm x 1219mm (30" x 48")
 Frame - 1.99 mm (14ga) steel greater than 762mm x 1219mm (30" x 48")
 Panel - 1.31mm (18ga)
 Liner - 0.85mm (22ga)

Insulation

The door panel contains 38mm (1 1/2") of high temperature insulation material between a 1.31mm (18ga) steel panel and a 0.85mm (22ga) steel liner.

Non-Combustibility Classification:

CAN/ULC S114, ASTM E136
 CAN/ULC S102
 ASTM E84, UL723
 Flame Spread 0
 Fuel Contribution 0
 Smoke Developed 0

Finishes

The paint finish is an electrostatically applied rust inhibitive prime coat or a No. 4 polished stainless steel finish on the exterior surface.

Hinges

The concealed continuous rod hinge is designed to secure the door panel. The hinge is placed on the long side of the door ("H" dimension) unless otherwise requested.

Optional Hinge

Continuous piano hinge
Note: Greater than 1219mm (48") in a wall position a continuous piano hinge is standard.

Panel Closer

The automatic panel closer will close and latch the door from an open position of approximately 90° as required by code.

All Van-Met® Fire-Rated Access Doors are manufactured to this criteria and do not require any auxiliary springs.

Latch

The standard factory installed latch is a flush mount 1/4" allen key. All fire-rated locks are self-latching and include an interior latch release mechanism allowing the doors to be opened from the inside. The interior latch release is standard on doors including and exceeding 406mm x 406mm (16" x 16"). Under 406mm x 406mm (16" x 16") by request only.

Optional Latches

Raised knurled knob
 Non-locking handle

Flange

Concealed flange
 Width - 32mm (1 1/4")

Frame Depth

"D" = 57mm (2 1/4")

Ordering

When ordering, please specify wall or ceiling application.
 The standard recess on the concealed flange is only available in 16mm (5/8"). Please order by rough opening size. These doors are non-returnable.

Installation

The recessed outer concealed flange and inner frame are manufactured with mounting holes. For a square fit, keep the door panel closed while installing. Install before your finishing material is applied.

See size and weight chart on page 46.