

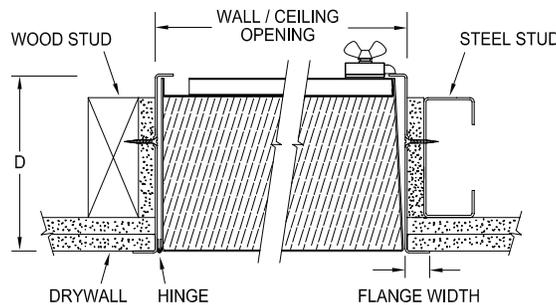
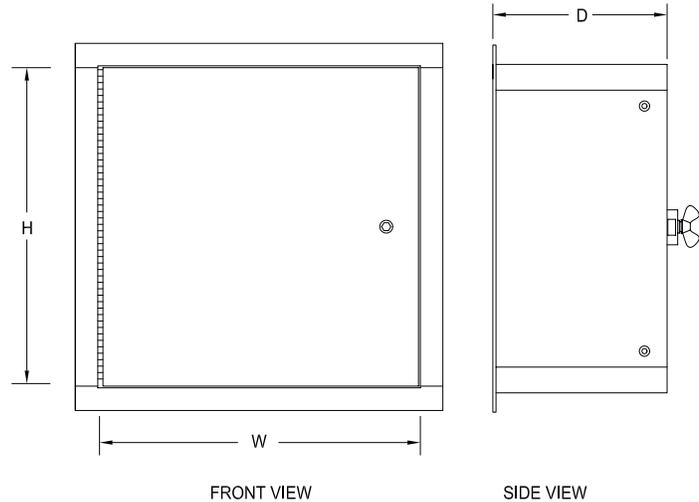
VAN-MET® MODEL FCI-600 - Three Hour Fire-Rated High Temperature, Insulated, Wall or Ceiling Application

manufactured to the **VAN-MET®** design standard



Model FCI-600 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 **3 hour fire rating. Vertical and Horizontal Installation.** Temperature rise maximum 20° C / 36° F at 30 minutes, 40° C / 72° F at 60 minutes, 50° C / 90° F at 90 minutes, 60° C / 108° F at 120 minutes."

- Offers maximum protection of electrical wires and conductors from heat exposure.
- Designed for use in a wall or ceiling application where control of temperature rise and heat transmission is required.
- Temperature rise has been measured in a horizontal (ceiling) position, which is the most extreme test in a fire situation.
- Insulation helps in reducing sound transmission through the door.
- Maximum size available in a ceiling application is 457mm x 457mm (18" x 18").
- Exterior appearance is compatible with the non-rated and fire-rated Van-Met access door line, so uniformity of design is maintained when the doors are installed in the same building.



Material

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

Insulation

The door panel contains 152mm (6") 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

Finish

The paint finish is an electrostatically applied rust inhibitive prime coat finish on the exterior surface.

Hinge

The continuous piano hinge is placed on the long side of the door ("H" dimension).

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.

Flange

Exterior flange
 Width - 22mm (7/8") up to and including 914mm x 914mm (36" x 36")
 Width - 32mm (1 1/4") when greater than 914mm x 914mm (36" x 36")

Frame Depth

"D" = 171mm (6 3/4")

Ordering

When ordering, please specify wall or ceiling application. Doors labeled accordingly. Please order by rough opening size. These doors are non-returnable.

Installation

The door frame is manufactured with mounting holes. All holes must be securely fastened on all four sides.