



Fire Rated Cabinet Installation Instructions

SAFEGUARD Fire-Rated Valve and Hose Cabinet Instructions

- #1 ROUGH OPENINGS - HEIGHT & WIDTH**
- A. Fire-Rated Cabinets Installed in Metal Stud Wall Systems: Rough openings using metal studs should be 1/4" larger than the outside dimension of the cabinet tub unit.
 - B. Fire-Rated Cabinets Installed in Wood Stud Wall Systems: Rough openings using double wood stud construction on all four sides of the cabinet tub unit should be 1/4" larger than the outside dimension of tub unit.
- Caution:** Should a load bearing stud be cut to install the cabinet, ensure that a load bearing header be reinstalled.
- C. Rough openings must not be less than manufacturer's recommended dimensions.
- #2 DETERMINE CENTER LOCATION OF STUD**
- #3 DRILLING HOLES**
- Drill 3/16" holes every 10" through double sided wall construction and ends of cabinet, making sure to stay in center of the studs.
- #4 FIND THE EXACT LOCATION OF THE PIPE(S) WHICH ENTER(S) THE CABINET AND MARK THE CABINET TUB APPROPRIATELY.**
- #5 FOLLOW THESE STEPS EXACTLY FOR DRILLING OF HOLE FOR THE PIPE(S) WITH A HOLE SAW:**
- A. Both outside and inside tubs and insulation material must be completely open to receive pipe(s).
 - B. The clearance between the outside dimension of the pipe(s) and the outside dimension of the hole in the tub must be 1/16" or less at all points.
- #6 CABINET PLACEMENT**
- Cabinet in framed opening must be centered and leveled top to bottom and side to side.
- #7 SECURING CABINET**
- The #10 x 3" hex self tapping screws provided by Safety One Industries must be used to secure the cabinet.
- Caution:** Failure to use Safety One Industries provided screws can void fire-rated listing.
- #8 COMPLETION OF INSTALLATION**
- After the cabinet is secured with Safety One Industries's screws, the pipe must be caulked using a latex based fire barrier product with at least a two hour rating (recommended products must be passed by ASTM, FM & UL testing standards for a three hour fire penetration seal for walls and floors).

SAFEGUARD Fire-Rated Extinguisher Cabinet Instructions

- #1 ROUGH OPENINGS - HEIGHT & WIDTH**
- A. Safety One Industries's Fire-Rated Cabinets Installed in Metal Stud Wall Systems: Rough openings using metal studs should be 1/4" larger than the outside dimension of the cabinet tub unit.
 - B. Safety One Industries's Fire-Rated Cabinets Installed in Wood Stud Wall Systems: Rough openings using double wood stud construction on all four sides of the cabinet tub unit should be 1/4" larger than the outside dimension of tub unit.
- Caution:** Should a load bearing stud be cut to install the cabinet, ensure that a load bearing header be reinstalled.
- C. Rough openings must not be less than manufacturer's recommended dimensions.
- #2 DETERMINE CENTER LOCATION OF STUD**
- #3 DRILLING HOLES**
- Drill 3/16" holes every 10" through double sided wall construction and ends of cabinet, making sure to stay in center of the studs.
- #4 CABINET PLACEMENT**
- Cabinet in framed opening must be centered and leveled top to bottom and side to side.
- #5 SECURING CABINET**
- The #10 x 3" hex self tapping screws provided by Safety One Industries must be used to secure the cabinet.
- Caution:** Failure to use Safety One Industries provided screws can void fire-rated listing.

INSTRUCTIONS FOR CONCRETE/BLOCK INSTALLATION

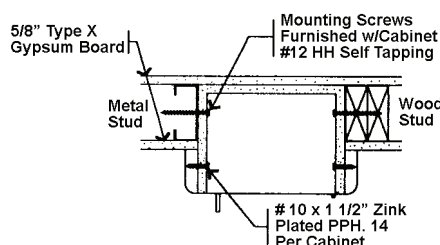
- #1 DRILLING HOLES**
- Drill 5/32" hole at least every 12" on each side of the cabinet through the double tub construction for mounting into wall opening.
- #2 CABINET PLACEMENT**
- Place cabinet in position and mark location of attachments on concrete using 5/32" masonry bit as marking guides. Remove cabinet and drill 5/32" holes into concrete at marked points. Ensure holes are 1/4" deeper than the end of the screw. Failure to leave 1/4" space at the end of the hole will result in screw breakage during installation.
- #3 SECURING CABINET**
- Place cabinet in position and attach with Hex Head 3/16" x 2 1/4" Tapcon concrete screws. (Not included)



UL Classified 5/8" Type X gypsum board inserted in the cavity between the

two layers. Warnock Hersey has approved the Safeguard Cabinets to be mounted in any face of fire rated steel or wood stud for up to 2 hour rated walls without affecting its fire rating. The above meets the requirement test ASTM-E119-98 with test report WHI-495-1534. MOUNTING INSTRUCTIONS are supplied with each safeguard cabinet.

SAFEGUARD Typical Semi-Recessed Fire Rated Installation ONE HOUR FIRE WALL SYSTEM



TWO HOUR FIRE WALL SYSTEM

