



# National Fire Equipment Ltd.

## Installation Instructions for FIRE RATED Fire Extinguisher Cabinets

### 1) ROUGH OPENINGS - HEIGHT & WIDTH

- |  |   |
|--|---|
| a) Metal Stud Wall Installation:       | Rough openings using metal studs should be 1/4" larger than the outside dimension of the cabinet tub unit.                          |
| b) Wood Stud Wall Installation:        | Frame top, bottom & both sides of cabinet opening. Rough openings should be 1/4" larger than the outside dimension of the tub unit. |
| c) Concrete/Masonry Wall Installation: | Rough openings in poured concrete or masonry block should be 1/4" larger than the outside dimension of the cabinet tub unit.        |

CAUTION: Should a load bearing stud be cut to install the cabinet, insure that a load bearing header be reinstalled.

Rough openings must not be less than the manufacturer's recommended dimensions.

### 2) DETERMINE CENTRE LOCATION OF STUD

#### 3) DRILLING HOLES

- Drill 3/16" holes at least every 12" through double sided wall construction and ends of cabinet, making sure to stay in center of studs.
- Remove cabinet and drill 5/32" (4mm) holes through studs/concrete/masonry at marked points, using appropriate bit.

Note: For concrete/masonry walls, 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.

#### 4) CABINET PLACEMENT

Cabinet in framed opening must be centred and leveled top to bottom and side to side.

#### 5) SECURING CABINET

- |                           |  |
|---------------------------|--|
| a) Metal/Wood Stud Wall:  | Using #10 x 2 1/2" self-tapping screws, place cabinet in position and fasten to wall assembly. |
| b) Concrete/Masonry Wall: | Place cabinet in position and attach with Hex Head 3/16" x 2 1/4" concrete screws.             |

- 6) If the cabinet door binds or does not sit flush, shim the tub and/or door frame assembly as necessary to ensure the tub is square and level.

Note: The installation of any fire-rated cabinet without a cabinet door, or any condition in which the door is left ajar, will void the fire rating.



Test No.  
WHI-495-1534



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Equipment Ltd.

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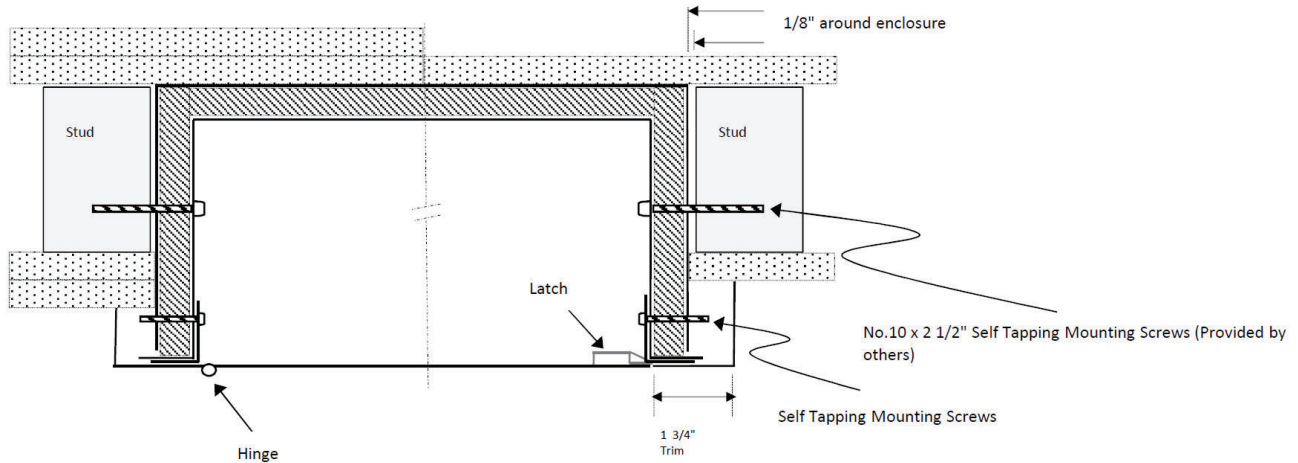
### METAL / WOOD STUD WALL ASSEMBLY

2 hr. Fire Wall System

1 hr. Fire Wall System

2 x Layer Type-X 5/8" Fire Rated Drywall

1 x Layer Type-X 5/8" Fire Rated Drywall



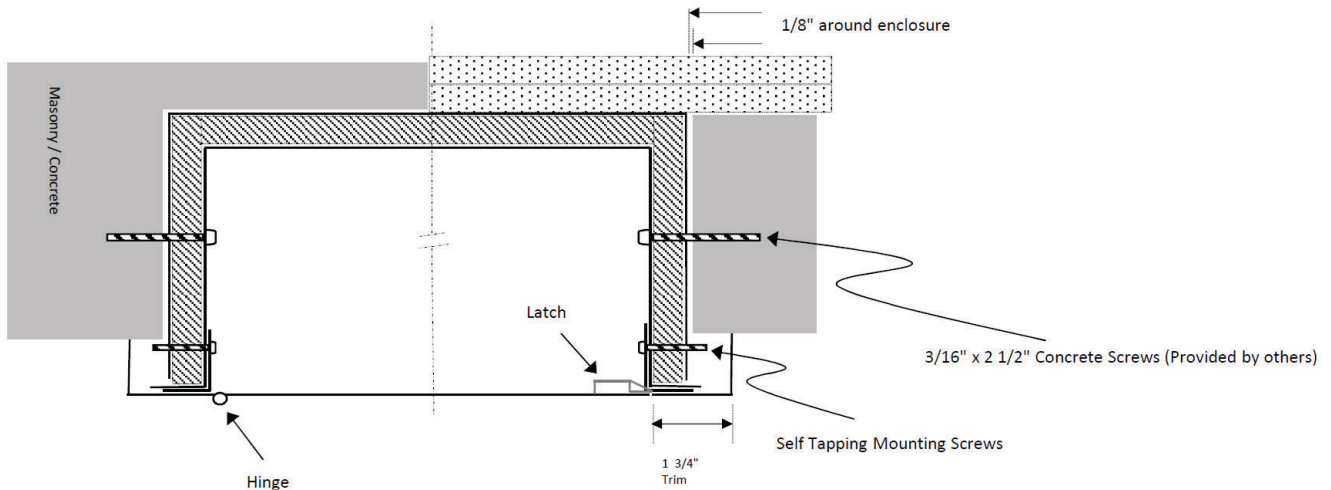
### CONCRETE / MASONRY WALL ASSEMBLY

2 hr. Fire Wall System

2 hr. Fire Wall System

Concrete wall system or Partial recess into masonry block wall system without fully penetrating

Poured concrete or Masonry block wall system with full penetration.



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