

FIRE PROTECTION - FIRE-FX® FIRE-RATED CABINETS - 14I-100 INSTALLATION & MAINTENANCE GUIDE |

GENERAL:

TOOLS AND HARDWARE NEEDED: (optional)

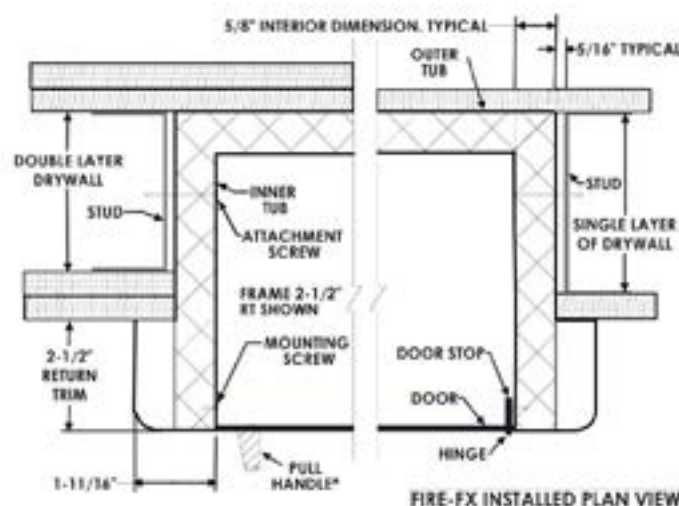
Screw gun, Universal # 10 x 2-1/2" (6.4 cm) self-drilling screws

INSTALLATION FOR METAL OR WOOD FRAMING: (FIG 1)

1. Remove all hardware and glazing, unlock cabinet if lock provided.
2. With metal or wood studding, install a framed opening at specified location. Wall opening width, height and depth must correspond with dimensions indicated in catalog or submittal sheet.
3. Frame in above, below and at both sides of cabinet opening.
NOTE: On load bearing walls, the studs must be doubled on either side of the cabinet tub. If a stud must be cut to install the cabinet, a load bearing header must be installed above the cabinet tub.
4. Use holes provided in cabinet tub for attaching to wall studs. If wall configuration does not allow for that, or holes are not provided, then follow step a.) below; otherwise, skip to step 5).
 - a.) Drilling Additional Holes - Drill 3/16" (0.5 cm) holes at least every 12" (30.48 cm) on each side of cabinet through the double tub construction for mounting into wall opening.
5. Place cabinet in position and mark location of attachments on studding using 3/16" (0.5 cm) holes as marking guides.
6. Remove cabinet and drill 5/32" (0.4 cm) holes through studs at marked points.
7. Place cabinet in position and attach with Universal # 10 x 2-1/2" (6.4 cm) self-drilling screws.
8. Check cabinet door assembly for freedom of movement. If it binds, shim as necessary to remove any racking of tub at attachments of studding.
9. Remove protective plastic from acrylic or glass and install decal on glass or door, if purchased.
10. Align glazing on inside of door, holding in place while installing glass mounting clips on inside of door. Do not over-tighten.
11. Install handle and roller catch or SAF-T-LOK™ in door. Check alarm if provided.

NOTE: The installation of any fire-rated cabinet which lacks a cabinet door, or any condition in which the door is left ajar, will void the fire rating.

FIG. 1



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Installation & Maintenance Guide |
14I-100 REV B - 7/12/2024

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INSTALLATION & MAINTENANCE GUIDE |

GENERAL:

TOOLS AND HARDWARE NEEDED: (optional)

Screw gun, Universal # 10 x 2-1/2" (6.4 cm) self-drilling screws

INSTALLATION FOR MASONRY:

1. Remove all hardware and glazing, unlock cabinet if lock provided.
2. Leave or create an opening in the masonry wall at specified location. Wall opening width, height and depth must correspond with dimensions indicated in catalog or submittal sheet.
3. **MOUNTING THROUGH SIDES OF CABINET (FIG 2):**
 - a.) Use holes provided in cabinet tub for attaching to masonry wall. If wall configuration does not allow for that, or holes are not provided, then follow step b.) below; otherwise, skip to step c).
 - b.) Drilling Additional Holes - Drill 3/16" (0.5 cm) holes at least every 12" (30.48 cm) on each side of cabinet through the double tub construction for mounting into wall opening.
 - c.) Place cabinet in position and mark location of attachments on masonry using 1/8" (3.2mm) holes as marking guides.
 - d.) Remove cabinet and drill appropriately sized holes for the screw masonry anchors into masonry at marked points. Insert anchors.
 - e.) Place cabinet in position and attach with Universal # 10 x 2-1/2" (6.4 cm) self-drilling screws.
4. **MOUNTING CABINETS WITH EXTENDABLE MASONRY ANCHORS - NEW CONSTRUCTION (FIG 3):**
 - a.) Extend welded-on masonry anchors provided on sides of the cabinet to a 90 degree angle from cabinet wall. Anchors are positioned 7-12" from each other for ease of installation into block walls.
 - b.) Secure anchors in masonry work.
5. Once screws are fully tightened or cabinet anchors are installed, check cabinet for square and plumb. Adjust if necessary. All interior sides should be straight with no bowing or warping. Check cabinet door assembly for freedom of movement. If it binds, shim as necessary to remove any racking of tub at attachments of studding.
6. Remove protective plastic from acrylic or glass and install decal on glass or door, if purchased.
7. Align glazing on inside of door, holding in place while installing glass mounting clips on inside of door. Do not over-tighten.
8. Install handle and roller catch, SAF-T-LOK™ or other lock in door. Check alarm if provided.

NOTE: The installation of any fire-rated cabinet which lacks a cabinet door, or any condition in which the door is left ajar, will void the fire rating.

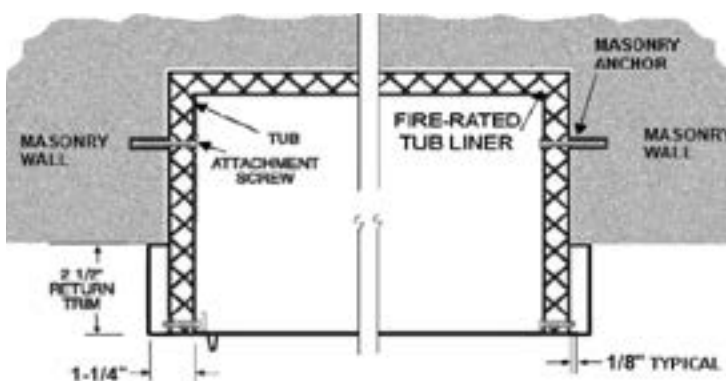


FIG 2. TOP VIEW - STANDARD CABINET

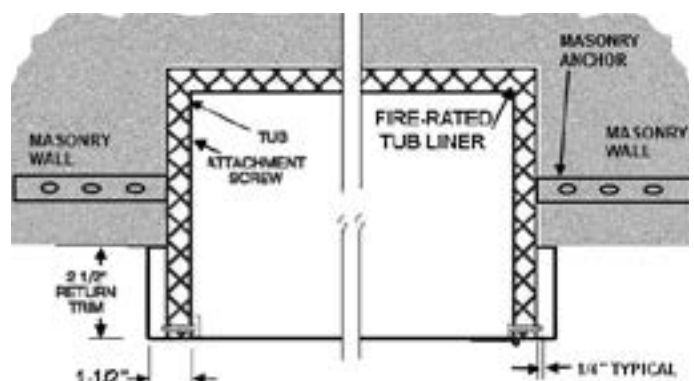


FIG 3. TOP VIEW - EXTENDABLE ANCHORS

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INSTALLATION NOTES FOR ADDING KNOCKOUTS: (FIG 4)

Knockouts are not provided on fire-rated cabinets, but may be added in the field if required.

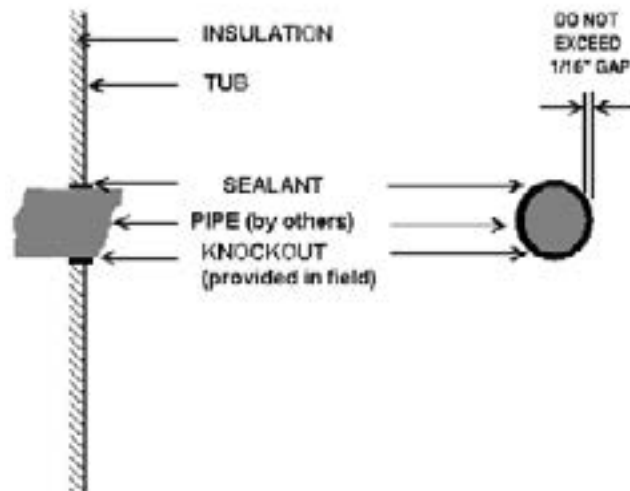
METAL OR WOOD FRAMING:

1. Using installation instructions provided on page 1, install a framed opening. Position your cabinet to the proper depth when measuring the location for the plumbing.
2. Mark the location of the knockouts to be created on the cabinet wall.

NOTE: The following conditions must be adhered to when installing fire-rated hose and/or valve cabinets.

- a.) The pipe used must be iron or steel.
 - b.) The tolerance between the pipe and the knockout must be $1/16"$ (0.16 cm) or less at every point along the knockout. For example, the knockout for $1\text{-}1/2"$ (3.8 cm) pipe must not be larger than $1\text{-}5/8"$ (4.1 cm) in diameter, and the pipe; must be centered within the knockout.
 - c.) When the pipe is installed, the installer must provide firestopping sealant that is listed for through-penetrations in fire-resistance rated wall and cabinet assemblies.
3. Drill the knockout(s) through the cabinet wall with a circular-cutting hole saw.
 4. Place cabinet in position and complete installation according to the instructions.
 5. Connect piping per local plumbing code.

FIG 4



MAINTENANCE:

Manually operate once a year to check functionality of moving parts such as latches, hinges and handles. Periodically dust using a clean dry cloth. See separate "Cabinet Maintenance" on our website for more information on cleaning various finishes.