

FIRE PROTECTION - NON-RATED SECURITY & SCHOOL CABINETS INSTALLATION & MAINTENANCE GUIDE | 14I-106

GENERAL:

The following installation & maintenance guide applies to the non-rated Security & School Series for fire extinguishers, fire department valves and hoses. They are constructed of heavy gauge materials for maximum & rough duty applications and offer a range of durable lock options.

RECOMMENDED HARDWARE:

- Universal #10 x 2-1/2" self-drilling screws for non-masonry walls (by others)
- Heavy duty fasteners or concrete wedge anchors for masonry walls (by others)

INSTALLATION RECESSED CABINETS:

1. Concrete Pour Installation:
 - a.) The cabinets come standard with masonry anchor straps that can unfolded from the frame if installing during construction when concrete is poured. (FIG. 1)
2. Bolt-In Installation:
 - a.) If using wood studs for 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.
 - b.) Drill holes 5/32" (4mm) or larger through the tub sides, 2 per side minimum. Place cabinet in position and mark locations using holes as a marking guide. Remove the cabinet and drill holes through metal/wood/concrete at marked points.
 - c.) Use Universal #10 x 2-1/2" self-drilling screw or concrete wedge anchors as appropriate for metal/wood/concrete.
3. Install door pull handle (if applicable).
4. Check panel for freedom of movement. If it binds, shim as necessary to remove any racking or deformation of frame at attachments.



School Cabinet



Security Cabinet



FIG 1



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INSTALLATION SURFACE-MOUNTED CABINETS:

1. Place cabinet in position level to floor, and mark location of attachments on studding using 3/16" (5mm) holes as marking guides.
2. Remove cabinet and drill 5/32" (4mm) holes through studs at marked points. Install plastic wall anchors. For masonry walls, install expansion shields in wall at marked points.
3. Place cabinet in position and attach with Universal #10 x 2½" (64mm) self-drilling screws, or for masonry, appropriate expansion anchors. (FIG. 2)
4. Install handle in door (if provided).
5. Place fire extinguisher in cabinet

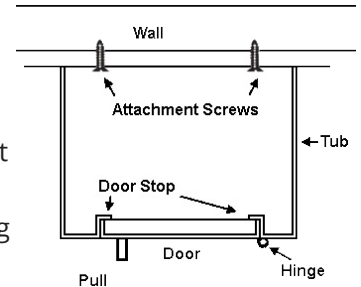


FIG 2

OPERATION:

When properly installed, the cabinet door will open to 135° and stay closed with either a non-locking or locking latch.

TROUBLESHOOTING:

1. For mortise cylinder locks installed in the field, be sure to rotate the cam 180° so that it properly engages the catch.
2. If a detention lock key does not rotate the lock to open the door here are a few thing to try:
 - a.) Try another key
 - b.) Try putting slight upward pressure on the key or slight downward pressure on the key as they turn it
 - c.) Pull the key out slightly (1/16" - 1/8") as they turn
 - d.) Push in on the key as they turn
 - e.) Adjust the four 5/16-18 x 1-1/2" bolts (PN DDI-MB) that secure the lock to the door.

MAINTENANCE:

Our cabinets by are designed to be maintenance free. However, it is recommended that the outer surface of the cabinet, and the hinge area, be kept clear from debris and dirt, to ensure correct operation of the hinged door. Manually operate once a year to check functionality of moving parts such as latches, hinges and handles. Periodically clean using a clean dry cloth. If latches, locks or hinges need to be lubricated, use a "3 in 1" type light oil, removing excess with a cloth.