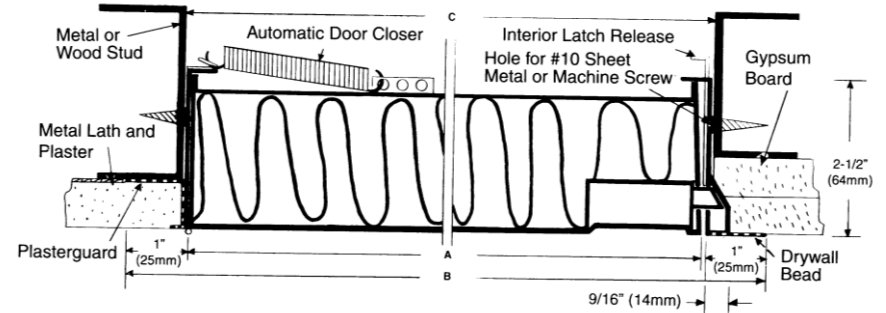


1-1/2 HOUR FIRE-RATED ACCESS PANEL  
WALL INSTALLATION INSTRUCTIONS



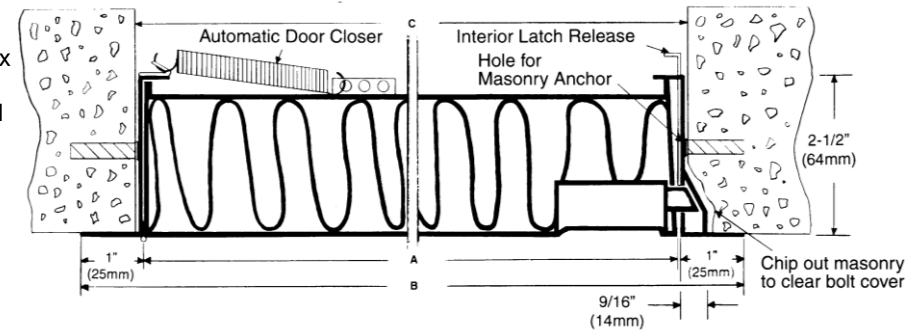
**GYPSONUM BOARD OR PLASTER WALLS - MODELS FD, FDSS, FDWB & FDPW**


1. With metal or wood studding, install a framed opening at specified location. Open dimensions should be 3/8" larger than door size of panel; i.e., for a 12" x 12" panel, opening should be 12-3/8" x 12-3/8".
2. Frame above and below access panel.
3. On panels larger than 16" x 16", install a double stud on both sides in the same manner as at passage panels.
4. Place panel in position in opening and mark location of attachments on studding using holes in latch and hinge sides of panel frame as marking guide.
5. Remove panel and drill 5/32" holes through studs at marked points. Four attachment holes for panels 32" x 32" and smaller; six attachment holes for larger panels.
6. Place panel in position (leaving masonry anchors flat against panel frame) and attach with #10 sheet metal or machine screws.
7. Check panel for freedom of movement. If it binds, shim as necessary to remove any racking of frame at attachments to studding.



**MASONRY WALLS - MODELS FD, FDSS & HGFD**

1. Opening should be planned to dimensions 3/8" larger than door size of panel; i.e., for a 12" x 12" panel, opening should be 12-3/8" x 12-3/8". (A notched-out area 2-11/16" long x 7/8" wide and 1/2" deep is required for the lock bolt cover.)
2. If wall is under construction at time panel is being installed, masonry anchors (unfolded from frame) will serve for attachment.
3. If wall is already in place, position panel in opening provided for it and mark location of attachments on wall using holes in latch and hinge sides of panel frame as marking guides.
4. Remove panel and install expansion shields in wall at marked points. Four for panels 32" x 32" or smaller, six for larger panels.
5. Place panel in position (leaving masonry anchors flat against frame) and attach with #10-32 x 1" long flat head steel machine screws or equivalent.
6. Check panel for freedom of movement. If it binds, shim as necessary to remove any racking of frame at attachments to masonry.
7. Use mortar between frame of panel and block wall to provide a complete closure around frame of panel.



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