INSTRUCTIONS FOR INSTALLING MOSLER No. FS-6 INSULATED FLAT SILL VAULT DOOR

The primary purpose of this vault is for the protection of records and other valuable material that would ba consumed or seriously damaged in case of fira. Mosler Vault Doors, if installed as diracted, meet Undarwriters' Laboratories and National Fira Protection Association requirements.

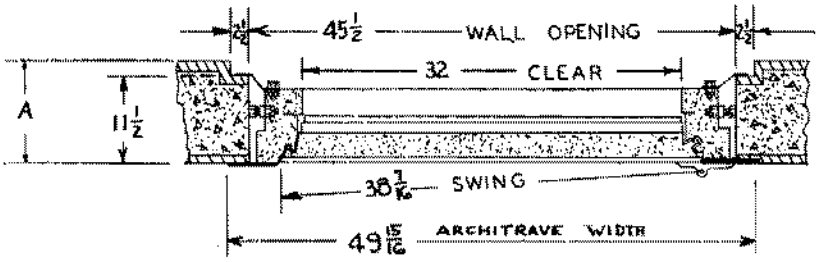
The door frame is built for a wall 11½" thick including ¾" finish coat inside and ¾" finish coat outsida.

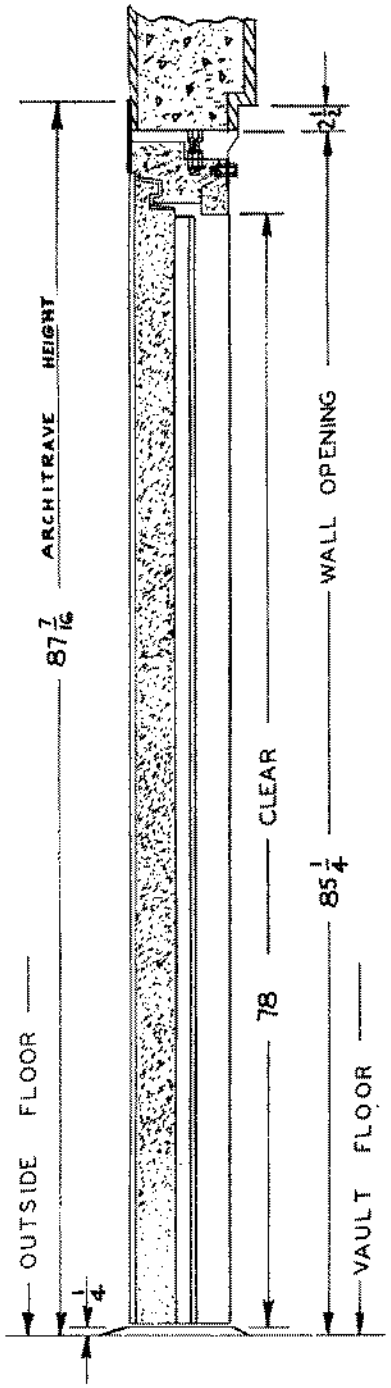
If wall thickness "A" (see drawing on back page) is greatar than 11½", a racass must ba formed in the back as shown. If tha wall is less than 11½" thick, then a 11½" overall thickness must ba maintained around the vastibule.

Wall opening should ba carefully constructed to dimensions shown on drawing with facas of wall and openings true and plumb.

Spaca between frame and wall opening at top and sides must not exceed ½".

INSTRUCTIONS FOR INSTALLING MOSLER No. FS-6 INSULATED FLAT SILL VAULT DOOR





NO GROUTING REQUIRED

This door is built to clasp a wall 11½" thick including finish. If the wall is greater than 11½", a recess must be formed in the back as shown. In order that the fire resistance of the vault be consistent with the fire protection offered by the door, the following minimum wall thicknesses are suggested.

MINIMUM WALL THICKNESS (A)
Recommended by The National Fire Protection Association

(Ground Supported Vault)

Reinforced Concrete	10"	exclusive of finish
Brick	12"	

NOTE: Be sure to laave tha door open for ventilation as much as possible until the vault is dried out.

The MOSLER SAFE Company

320 Fifth Ave., New York City — Factories: Hamilton, Ohio

BALTIMORE, 510-512 St. Paul Place
BOSTON, 375 Boylston St.
BUFFALO, 224 Oelaware Ave.
CHICAGO, 228 N. LaSalle St.
PHILAOELPHIA, 1503 Walnut St.
PITTSBURGH, Union Trust Building
WASHINGTON, O. C., 2461 Wisconsin Ave., N.W.

ATLANTA, CINCINNATI, COVINGTON, KY., DALLAS, DANBURY, CONN., DENVER, DETROIT, HOUSTON, KANSAS CITY, LOS ANGELES, MIAMI, MINNEAPOLIS, NEW HAVEN, CONN., NEW ORLEANS, PORTLAND, ORE., SAN FRANCISCO, ST. LOUIS, and Other Principal Cities in the United States and Foreign Countries.

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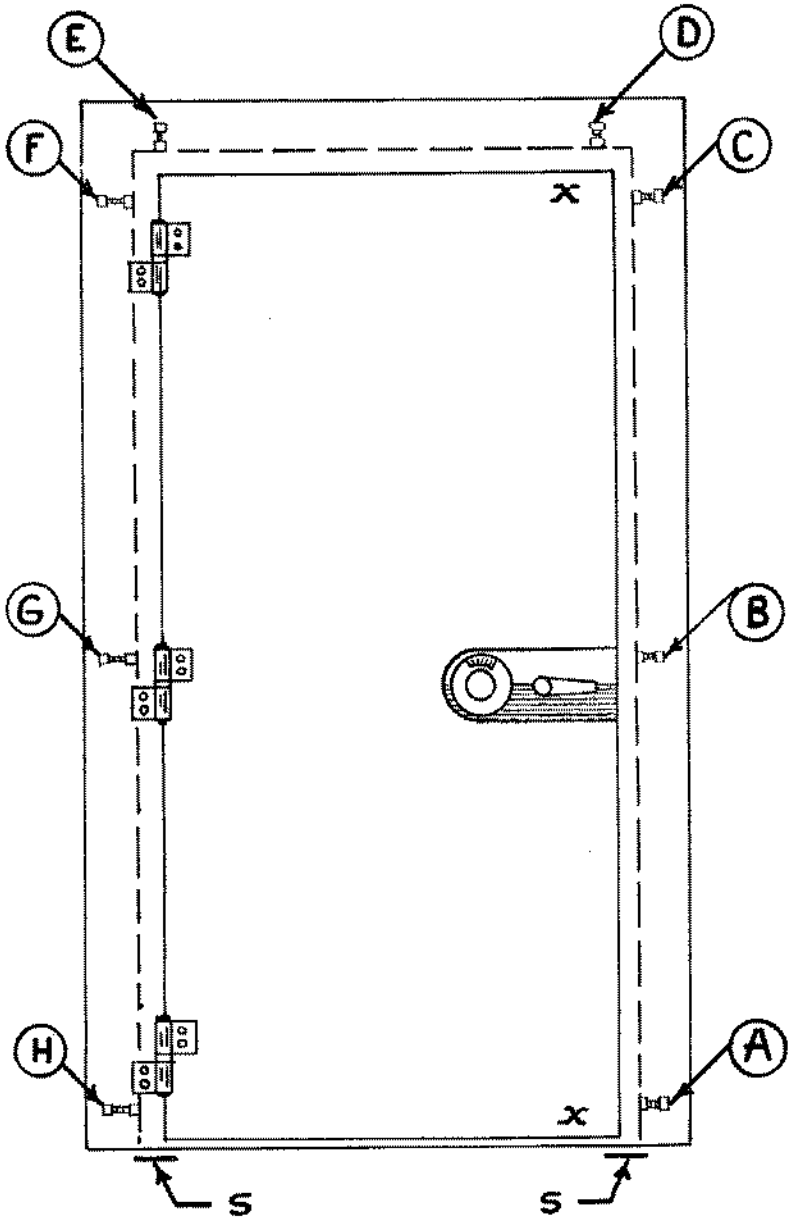
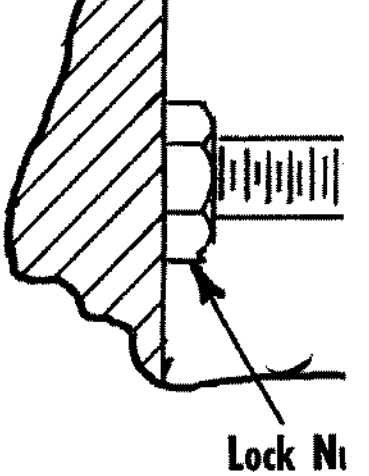
HOW TO INSTALL 6 HOUR



1. Uncrate the vault door and st[illegible] it
   Place back flanges (packed on [illegible] of
   Check Masonry Opening to make cert
   Wall thickness, at surfaces where fla
   dimension shown for standard walls
   standard walls.
2. Remove B screw jacks attached to the
   tapped holes provided on both sides
3. Slide door into opening until outer fr
4. Adjust screw jacks "A" or "H" at bot
   wall opening are equal on both sides
5. Level door in opening, using steel shi
   at front and rear of two bottom co
   marked "S". Door and frame must b
   face conditions.
6. Tighten screw jacks "A" and "H" aga
   bend the frame. Adjustment of jacl
   twist frame so that bolts will not
7. Place a 1/16" shim on top of screw ja
   jacks with a slight pressure against
8. Attach top flange plate for a safety
   frame cannot fall out.
9. Open the door for testing. Door shou
   against the jambs. Bolts must enter
10. If door rubs on bottom at "X", tigh
    eliminated. Then tighten screw jack "
    so tight as to bend the frame. If doo
    "F" until corrected. Then tighten scre
    Test boltwork.
11. Turn screw jacks "B" and "G" at ea
    wall opening with a slight p[illegible]re.
    IMPORTANT - Keep trying door when
    so that if the door should again bind
    causing the bind. Keep jambs square an
12. Remove top flange plate and tighten
    permanently. If door does not swing
    to operate door handle, loosen all ja
    lined above.
13. Hold jack heads from turning, and tig
14. Attach back flange plates. Uneven w
    may prevent flanges from seating prop
    errors by screwing flange screws be
    in place, door frame must be plumb
    freely and door handle operates e

DETAIL OF SCREW JACKS



INSULATED VAULT DOORS

pr[illegible] in front of the Masonry Opening.
cr[illegible] inside of vault.
in that it conforms to Masonry Drawing.
nges clasp wall, must not exceed 11½"
Special flanges are available for non-

crate and screw these jacks into the ⅝"
and the top of the vestibule.
me is firmly against the outside surface.
om until spaces between door frame and

ns under frame. Shimming must be done
ners directly under the jambs as shown
plumb and level regardless of wall sur-

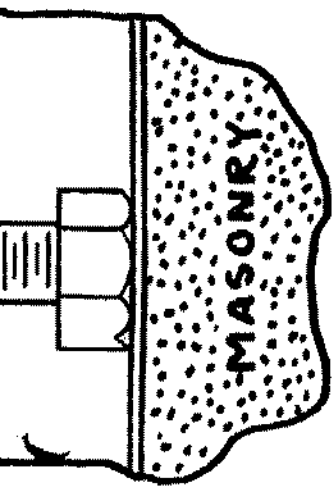
inst one another, but not so tight as to
s is critical. Improper adjustments can
enter sockets easily.
ks "D" and "E" and tighten these two
the head jamb.
so that when the door is opened, the

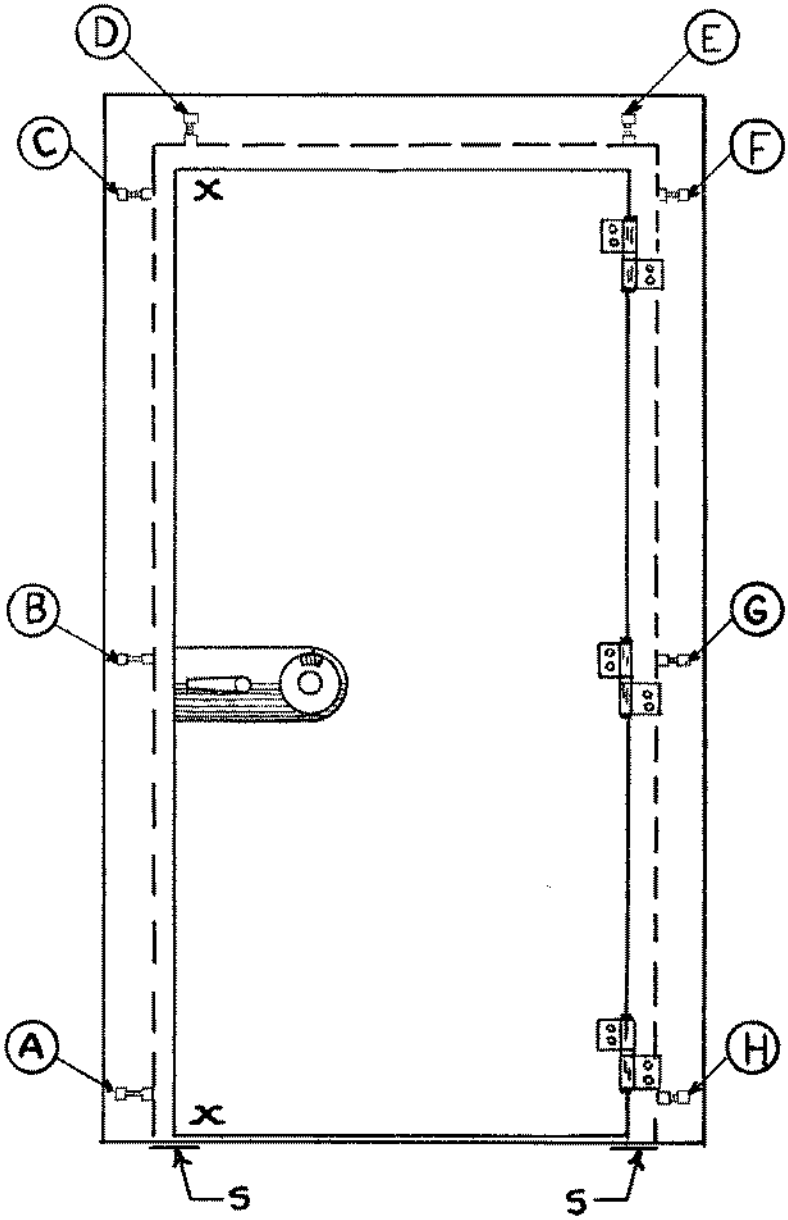
d open and close freely without binding
ockets freely.
en screw jack "C" until the rubbing is
" firmly against screw jack "C" but not
rubs on top at "X", tighten screw jack
jack "C" firmly against screw jack "F".

ch side until the heads rest against the

tightening the screw jacks on the sides
you will know which jack is too tight,
vertical so that boltwork operates easily.
jacks "O" and "E" to secure the door
roperly or excessive pressure is required
ks and repeat installation procedure out-

ten all lock nuts.
all surfaces or excessive wall thickness
rly. DO NOT attempt to overcome Masonry
ond normal tightness. After flanges are
and square so that bolts enter sockets
sily.





NSTALL 6 HOUR INSULATED VAL

1. Uncrate the vault door and st[illegible] it upri[illegible] in front of the Masonry Opening. Place back flanges (packed on[illegible] of cr[illegible] inside of vault.
   Check Masonry Opening to make certain that it conforms to Masonry Orawing. Wall thickness, at surfaces where flanges clasp wall, must not exceed 11½" dimension shown for standard walls. Special flanges are available for non-standard walls.
2. Remove 8 screw jacks attached to the crate and screw these jacks into the ⅝" tapped holes provided on both sides and the top of the vestibule.
3. Slide door into opening until outer frame is firmly against the outside surface.
4. Adjust screw jacks "A" or "H" at bottom until spaces between door frame and wall opening are equal on both sides.
5. Level door in opening, using steel shims under frame. Shimming must be done at front and rear of two bottom corners directly under the jambs as shown marked "S". Door and frame must be plumb and level regardless of wall surface conditions.
6. Tighten screw jacks "A" and "H" against one another, but not so tight as to bend the frame. Adjustment of jacks is critical. Improper adjustments can twist frame so that bolts will not enter sockets easily.
7. Place a 1/16" shim on top of screw jacks "D" and "E" and tighten these two jacks with a slight pressure against the head jamb.
8. Attach top flange plate for a safety so that when the door is opened, the frame cannot fall out.
9. Open the door for testing. Ooor should open and close freely without binding against the jambs. 8olts must enter sockets freely.
10. If door rubs on bottom at "X", tighten screw jack "C" until the rubbing is eliminated. Then tighten screw jack "F" firmly against screw jack "C" but not so tight as to bend the frame. If door rubs on top at "X", tighten screw jack "F" until corrected. Then tighten screw jack "C" firmly against screw jack "F". Test boltwork.
11. Turn screw jacks "8" and "G" at eacb side until the heads rest against the wall opening with a slight p[illegible]re.
    IMPORTANT - Keep trying doo[illegible]when tig[illegible]ning the screw jacks on tbe sides so that if the door should again bind, you will know whlch jack is too tight, causing the bind. Keep jambs square and vertical so that boltwork operates easily.
12. Remove top flange plate and tlghten jacks "O" and "E" to secure the door permanently. If door does not swing properly or excessive pressure is required to operate door handle, loosen all jacks and repeat installation procedure outlined above.
13. Hold jack heads from turning, and tighten all lock nuts.
14. Attach back flange plates. Uneven wall surfaces or excessive wall thickness may prevent flanges from seating properly. OO NOT attempt to overcome Masonry errors by screwing flange screws beyond normal tightness. After flanges are in place, door frame must be plumb and square so that bolts enter sockets freely and door handle operates easily.

DETAIL OF SCREW JACKS