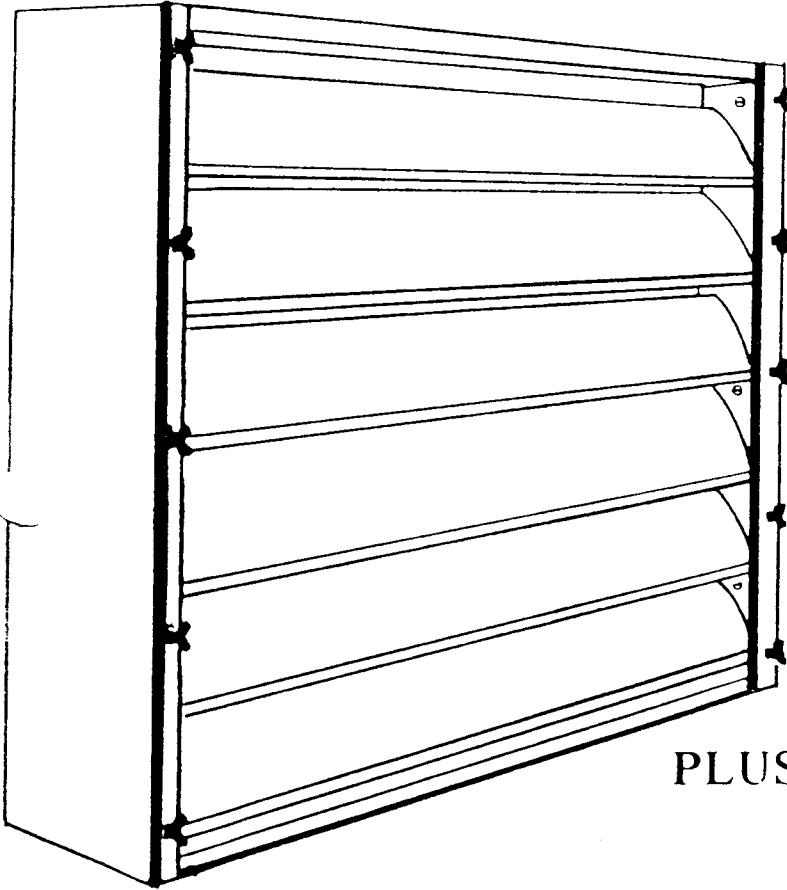




**CHEM-PRUF**

# INSTALLING FIXED LOUVERS LOUVERS PLUS +

A TOTALLY NEW ENGINEERING CONCEPT  
IN FIBERGLASS RE-INFORCED PLASTICS



PLUS + DESIGNED TO  
SURVIVE IN AREAS THAT ARE  
WET - SALTY - CORROSIVE

## READ THESE INSTALLATION INSTRUCTIONS

### — CONCEPT —

LOUVERS 6" DEPTH  
AVERAGE MODULES 4' WIDE  
BY 4', 6', or 8' HEIGHT

INDIVIDUAL OR SET IN BANKS  
OR ARRAYS, ON GIRDERS OR  
GIRT: FIXED OR ADJUSTABLE.

SIZE EASILY ADJUSTED  
IN THE FIELD

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PLUS +

1. JAMBS ATTACH TO STRUCTURE.  
ST. ST. BOLTS, ANCHORS AND POLYMERIC  
BONDING MATERIAL SUPPLIED

2. HEAD ③ AND SILL ④ ATTACH TO  
STRUCTURE.

- SAME -

PLUS +

3. LOUVERS ⑤ SLIDE INTO BOSSES  
⑩ & ⑪ RESTING ON ⑫.  
CURVED SIDE UP 7.

PLUS +

4. RETAINER BAR ⑭ WHEN  
PULLED UP LOCKS LOUVERS IN  
PLACE.

5. CAULK EDGES TO WALL  
OPENING BY CONTRACTOR

NO PIECE WEIGHS OVER 10 # (4x4  
MODULE).

ANY PART REPLACEABLE FROM FACTORY  
IN 48 HOURS.

# INSTALLING FIXED LOUVERS

LOUVERS DO NOT HAVE STRUCTURAL STRENGTH. THEY DERIVE THEIR RIGIDITY FROM THE SIDES OF THE WALL OPENING STRUCTURE.

**A. ESTABLISH THE 2 JAMBS. THEY WILL MIRROR EACH OTHER.** (THE SILL OF THE WALL OPENING SHOULD BE LEVEL, AND THE JAMBS PERPENDICULAR. FIG. 1, FIG. 2

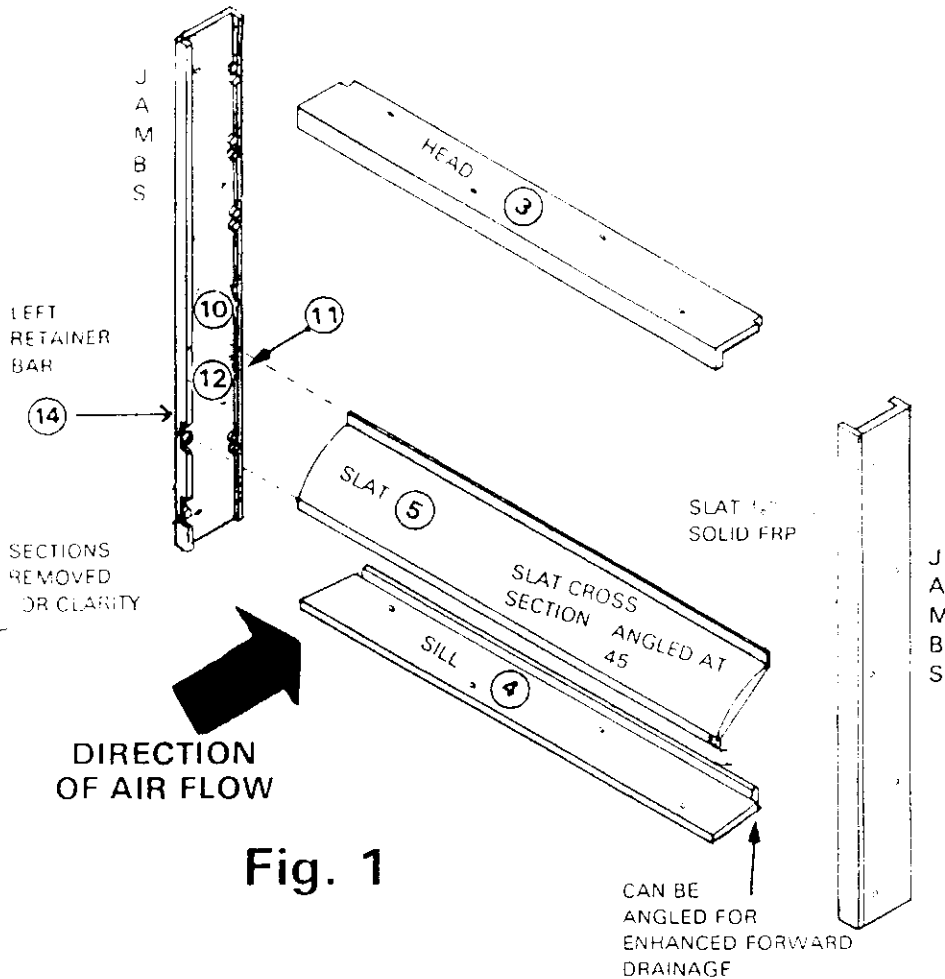
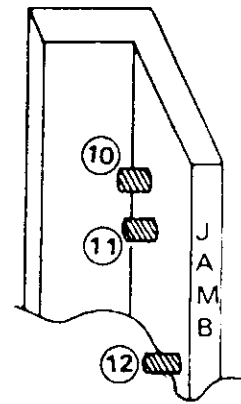


Fig. 2



**NOTE:**

Check width of opening to insure a tight fit between jambs and sill, sent with louver kit  
Parts can be reduced in field not enlarged

**B. A TOP HOLE IS DRILLED IN EACH JAMB AT THE FACTORY. USING THIS AS A GUIDE, DRILL THE ANCHOR HOLE USING A 5/16 MASONRY BIT, TO A DEPTH OF 2". BLOW OUT THE HOLE, SLIP ANCHOR IN, AND SET THE JAMB IN PLACE USING THIS SINGLE BOLT ATTACHMENT. (METAL FRAME OPENING WILL BE DRILLED AND TAPPED). NOW YOU CAN SET THE JAMB VERTICAL AND DRILL ALL OTHER ANCHOR HOLES AS ABOVE.**

**C. SLIP JAMBS ASIDE. BLOW OUT ALL HOLES DRILLED IN WALL OPENING. BRUSH OFF LOOSE DIRT FROM WALL OPENING AS WELL AS BACK OF JAMBS. INSERT ANCHORS.**

D. COAT BACK OF JAMBS WITH POLYMERIC BONDING (SUPPLIED) WITH A CONTINUOUS BEAD AS SHOWN.

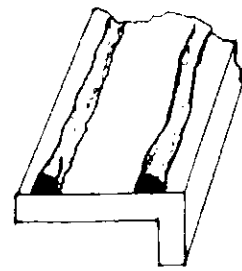


Fig. 3

E. MOUNT JAMBS PERMANENTLY. PULL UP SNUG. BOND WILL SET IN APPROXIMATELY 2 HOURS. REPEAT WITH HEAD AND SILL.

F. RUN SILICONE TO SEAL JOINT WHERE JAMBS MEET - HEAD AND JAMBS MEET SILL.

NOTE: IF THE HEAD AND SILL FIT NEATLY, SO WILL ALL THE SLATS.  
G. START AT BOTTOM AND SLIP SLATS INTO BOSSES AS SHOWN. CURVED FACE OF SLAT IS ALWAYS UP. OBSERVE THAT THE REARWARD PART OF THE SLAT IS UP AS A DAM AND ITS END IS SLIGHTLY ROUNDED TO FIT INTO THE BOSSES AND MATCH THE SMALL RADIUS MOLDED INTO THE JAMB. IT SHOULD TAKE NO MORE THAN 15-20 SECONDS TO SEAT THE SLAT INTO THE BOSSES. DON'T FORCE THE SLAT. TAP IT INTO PLACE.

H. AS YOU SEAT EACH SLAT INTO THE BOSSES, RUN A BEAD OF SILICONE BETWEEN THE TOP EDGE OF THE SLAT AND THE ADJOINING SURFACE OF THE JAMB.

I. ALL SLATS CHECKED IN PLACE.

J. ATTACH FRONT RETAINER BARS, (14) LEFT & RIGHT. CAULK ALL ALONG EDGES BETWEEN WALL OPENING AND LOUVER. SEE DRAWING

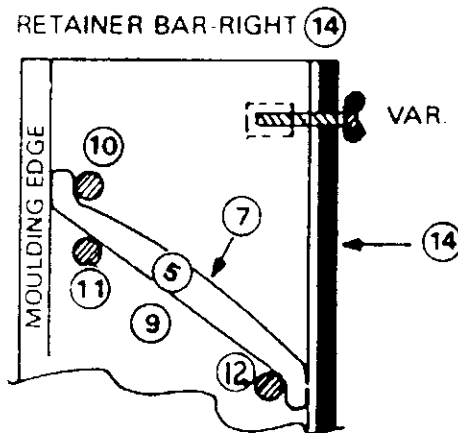


Fig. 4



## LOUVER DIVISION

CHEM PRUF DOOR COMPANY  
P.O. BOX 4560  
BROWNSVILLE, TEXAS 78520  
A/C 512-544-1000  
FAX 512-544-7943

WATS  
1-800-531-7407  
1-800-444-6924

# TO ADJUST SIZE

I. IF JAMBS DO NOT FIT - MAKE SURE YOU SET THEM IN MIRRORED POSITION AND CUT BOTH AT SAME END, AS REQUIRED. DO NOT CUT OVER 3/4" AT BOTTOM OR 1/2" AT TOP.

II. IF YOU WANT TO REDUCE WIDTH: AFTER ESTABLISHING JAMBS, FOLLOW STEPS A-E. MEASURE SPACE FOR HEAD AND SILL. KEEP THIS MEASUREMENT.

III. **USE CHOP SAW** AND CUT HEAD AND SILL SQUARE, WIPE THE CUT END WITH SILICONE (SUPPLIED) AND ATTACH HEAD AND SILL, STEP E AND F.

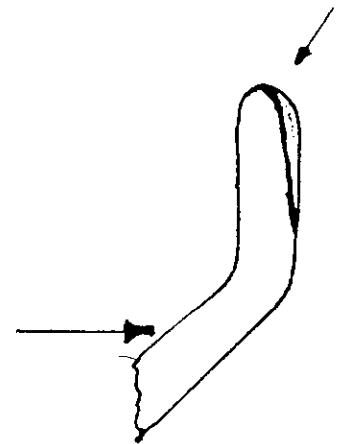
IV. USING THE CRITICAL MEASURE YOU SAVED, CUT ALL SLATS 1/8" LESS WITH YOUR CHOP SAW. THIS CUT MUST BE ACCURATE AND SQUARE ACROSS THE END OF THE SLAT. LOOKING AT THE REARWARD DAM OF THE SLAT, YOU WILL SEE THAT YOU HAVE CUT OFF ALL OR PART OF A MORTISE LIP. NOTE THE SHAPE OF THE MORTISE LIP ON THE FALL OFF. FIG. 5.

DUPLICATE THIS SHAPE ON THE NEWLY CUT END OF THE SLAT. IT EXTENDS 3/4" IN FROM THE END. USE A COARSE FLAT BASTARD FILE. IT WILL NOT TAKE MORE THAN SEVERAL STROKES. TRY FOR FIT. COAT THE RAW EDGE WITH SILICONE SEALANT (SUPPLIED). DO NOT FORCE THE SLAT. IT DOES NOT TAKE MUCH FILING TO GET THE CLEARANCE NEEDED.

MORTISE: ACTUAL SIZE  
EXTENDS 3/4" IN FROM EDGE.

Fig. 5

TOP OF SLAT



IF YOU NEED ASSISTANCE, PLEASE CALL CHEM-PRUF, TOLL FREE. ASK FOR QUALITY CONTROL.



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