



REVERSIBLE HAND STORM & SCREEN DOOR



FITS RIGHT HAND OR LEFT HAND DOOR OPENINGS

INSTALLATION INSTRUCTIONS

TOOLS NEEDED FOR INSTALLATION

- No. 2 Phillips Head Screwdriver
- Hacksaw
- Tape Measure or Rule
- Power Drill
- 1/8" Drill Bit
- 1/4" Drill Bit

PARTS IDENTIFICATION

1. Hinge Z-Bar (With Hinges)
2. Latch Z-Bar
3. Header Z-Bar
4. Shipping Clips
5. Expander *
6. Vinyl Sweep
7. Installation Holes

* Not Supplied with some models

BEFORE INSTALLING:

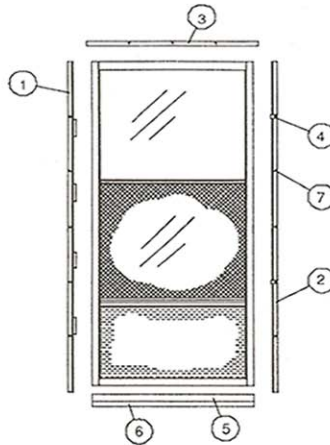
Inspect door for possible shipping damage.

Remove check list instruction sheet from hardware kit and check off items in kit for your style door.

Check door measurements with actual opening measurements.

36" x 80" doors will fit widths from 35-3/4" to 36-3/4" and heights from 79-7/8" to 80-7/8"

32" x 80" doors will fit widths from 31-3/4" to 32-3/4" and heights from 79-7/8" to 80-7/8"



#10 x 1/2" PAN HEAD SCREW
(FOR HINGE ATTACHMENT)



#8 x 1/2" PAN HEAD SCREW
(FOR DOOR INSTALLATION)



#8 x 3/4" FLAT HEAD SCREW
(FOR HINGE Z-BAR)

WARNING! WHEN POSITIONING VENTILATING PANEL(S) IN OPEN POSITIONS, MAKE SURE PANEL LATCHES ARE FULLY ENGAGED IN SLOTS OF DOOR FRAME.

STEP 1 - SELECTING HINGE SIDE

(See Fig. 1)



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STEP 2 - PREPARING OPENING

Prior to installation, check the hinge side jamb of your opening casing. If the jamb casing is not plumb, you will need to shim this hinge side of your opening to bring it out plumb.

IMPORTANT: When necessary, use a full shim tapered to length needed. Do not use blocks to fill in void area. It is essential for proper installation that the hinge side z-bar frame be plumb.

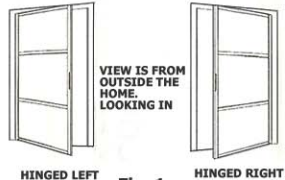
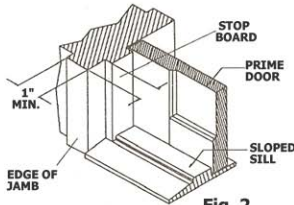


Fig. 1
USE THE DRAWING ABOVE TO CHOOSE THE SIDE YOU WANT YOUR DOOR TO BE HINGED ON

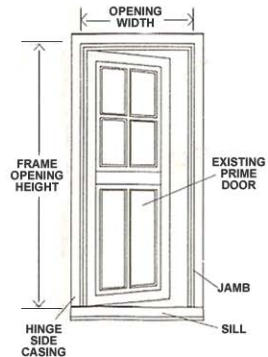


If door frame has a stopboard there must be 1" on the outer edge of side jamb as well as 1" on the outside jamb face for installation of the mounting frame. See Fig. 2.

STEP 3 - PREPARING DOOR FOR INSTALLATION

The door you have purchased was started as a left hinged door. If your opening requires a LEFT HINGED door, simply drill out the holes for the remaining hinges using a 1/8" drill bit. Secure using #10 x 1/2" screws provided. Remove the two shipping clips from the latch side z-bar. Set the latch side z-bar and z-bar header to one side, to be used later. Re-tighten the two screws removed from these shipping clips. If your opening requires a right hinged door, then remove the top and bottom hinged door, then remove the top and bottom hinge screws to dislodge the z-bar from door. Replace screws. Remove the latch side shipping clips and z-bar. Re-tighten screws. Turn the hinge z-bar end over end from the position shipped. Align the top hinge holes with the top holes in door and secure with #10 x 1/2" screws. Secure the bottom hinge in a like manner. Next, drill out the remaining hinge holes using a 1/8" drill bit and secure with #10 x 1/2" screws. Measure the height of the door opening at the hingeside.

See Fig. 3. Cut the sill end of the hinge side z-bar frame 1/8" LESS than opening. This 1/8" is to allow header z-bar clearance.





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STEP 4 - INSTALLING DOOR

Position hinge z-bar in jamb opening. Insert #8 x 1/2" screw through the top hole in z-bar. **Hinged frame must be in a STRAIGHT up and down position.** Door should be level and swing freely.

If you have any problem with fit, remove fastening screw. Set the door aside and shim as required.

Once door is held in place with one screw in outside jamb edge, insert #8 x 1/2" screws in all remaining holes in Z-bar.

Open the door and insert #8 x 3/4" flat head screws through holes of z-bar and into the casing.

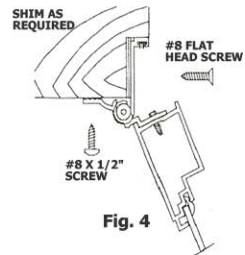


Fig. 4

STEP 5 - ATTACHING LATCH Z-BAR

With the door in the closed position, measure the height from the bottom of the door opening to the top edge of the door itself. Cut sill end of the latch z-bar 1/16" MORE than this dimension.

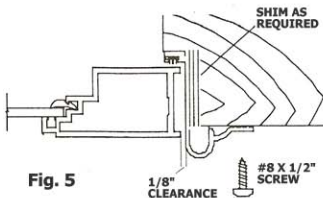


Fig. 5

Open door and place the latch z-bar against casing. Close door allowing 1/8" clearance between edge of z-bar and door edge as shown, if needed. Insert #8 x 1/2" screws through holes of z-bar and into the casing.

See Fig. 5.

STEP 6 - ATTACHING HEADER Z-BAR

Open door and place the header z-bar on top of the hinge and latch z-bars. Close the door and position header and latch z-bars. Close the door and position header so that there is approximately 1/16" clearance between the underside of header z-bar and top of door. Secure with #8x 1/2" screws. See Fig. 6.

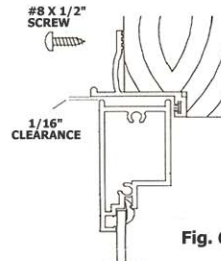


Fig. 6



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STEP 7 - ATTACHING HEADER Z-BAR

ALL STYLES EXCEPT 161, 175 & 461. Close door and adjust sill expander downward until the vinyl door sweep makes a good weatherseal with threshold. **See Fig. 7.**

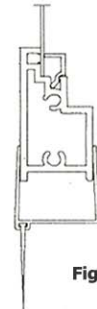


Fig. 7

STEP 8 - ATTACHING HARDWARE

It is necessary to drill the holes required to mount the hardware to your door. On the side of the door that the hardware handle will be attached, measure up 42" from the bottom of the door excluding sill expander. With a pencil, lightly mark a horizontal line at this location on the jamb, making sure this location of the hardware does not interfere with your prime door handle hardware.

Open the hardware kit and remove the paper drilling template. If your kit contains two templates, determine whether your door is 1" thick or 1-1/4" thick and choose the appropriate template. Fold the template along the dotted line and place on the door jamb so that the centerline of the middle hole is aligned with the pencil mark made earlier. Using a 1/8" bit, drill the three holes at the centerline of each circle on the template. **CAUTION!** Use both sides of the template and drill through one side of the door jamb in order for holes to be aligned properly. Remove the template and enlarge all six holes using a 1/4" bit.

Complete hardware installation as per the instructions included in the hardware kit.

Your door is of the finest quality and exacting specifications .. thoroughly weather stripped ... and will furnish you, Mr. and Mrs. Home Owner, outstanding service for the life of your home.

For DARK BRONZE, COLONIAL WHITE or SATIN BLACK FINISH:

To preserve the beautiful finish, wash door with a detergent and warm water, rinse thoroughly, apply a coat of automotive wax.

For NATURAL ALUMINUM FINISH:

Clean with household soap pads to bright finish, apply automotive wax.

FOR HELP WITH INSTALLATION AND/OR MISSING OR DEFECTIVE PARTS, CALL TOLL-FREE 1 800-222-3195