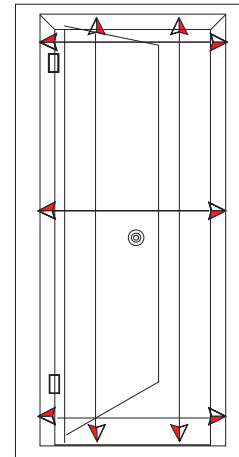


## Door Assembly and Installation Instructions for Maintenance Free Series Vinyl Screen/Storm Doors

### DETERMINE DOOR SIZE

- 1 Measure the width of your door opening in three places
- 2 Measure the height in two places (see diagram).
- 3 Use the smallest of each measurement to determine opening size
- 4 Check the measurements against the sizing chart below.

Our door size:	Fits these door openings:	
	Width	Height
32 x 80	31-3/4 to 32-5/8 inches	79-3/4 to 80-5/8 inches
34 x 80	33-3/4 to 34-5/8 inches	79-3/4 to 80-5/8 inches
36 x 80	35-3/4 to 36-5/8 inches	79-3/4 to 80-5/8 inches



If your door opening does not fall within these ranges order a custom size door or have a carpenter modify your doorjamb.

### WHAT YOU'LL NEED

- = Robertson #8 screwdriver
- = square
- = power drill
- = Phillips (star-shaped) screwdriver
- = pencil
- = drill bits 1/8, 1/16, and 5/16 inch
- = flat head screwdriver
- = hacksaw
- = hardware & pneumatic door closer as per installation instructions
- = tape measure
- = level
- = hammer

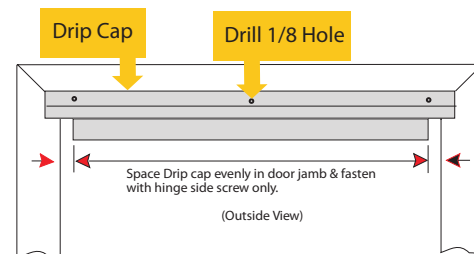
### PLANNING

Allow the door to adjust to the outside temperature for an hour or two before installation. Decide what way the door should swing. Usually, a storm or screen door is hinged on the same side as the main door.

### STEP-BY-STEP

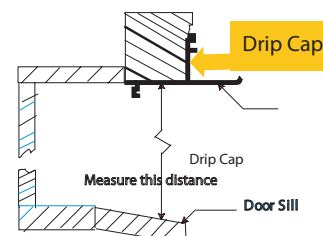
#### A. Install Drip Cap (Header Z-Bar)

- 1 Center the drip cap on top of the doorframe so it's evenly spaced (see diagram).
- 2 Drill holes through drip cap as per diagram. Fasten drip cap on the hinge side only using one
- 3 of the #8 1-1/4 inch white painted Robertson screws supplied with the door.



#### B. Cut Hinge-Side Z-Bar

- 1 Measure the distance from the underside of the drip cap to the top of the doorsill.
- 2 Use the hacksaw to cut the bottom of the hinge-side Z-bar to this length. If your doorsill is sloped (as shown in the diagram) cut the Z-bar to match this angle.

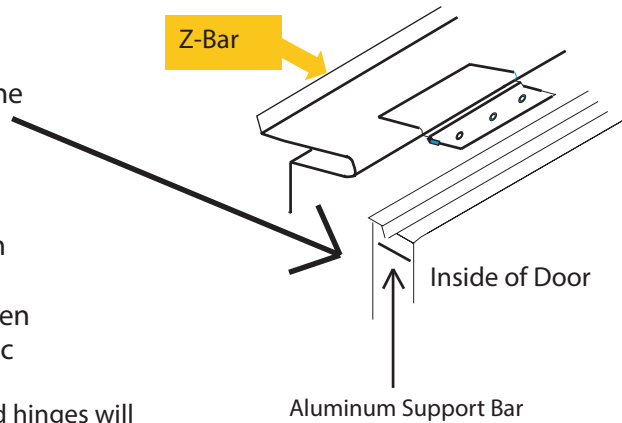


## STEP-BY-STEP... CONT'D

### C. Install Hinge-Side Z-Bar on the Door

- 1 There is an aluminum strip loosely installed on the bottom of your door. Insert this strip into the desired hinge side. \*only in storm door models
- 2 Hold door on its edge hinge-side up.
- 3 Place Z-bar on the door edge (see diagram).
- 4 Position Z-bar so that it extends 3/16 of an inch above the top of the door.
- 5 Center the hinges in the hinge groove and fasten the Z-bar with the #8 1-1/4 inch self-drilling zinc screws supplied with the door.

**Note:** Use one screw per hinge for now. Screws and hinges will center themselves in the door's edge groove.



### D. Place Door in Opening

- 1 Place the door in the opening so hinge-side Z-bar is even with the end of the drip cap and pushed tight to the underside of the drip cap.
- 2 Pre-drill a 1/8 inch pilot hole into the brick mould through the top mounting hole in the Z-bar. This helps prevent the brick mould from splitting.
- 3 Use one #8 1-1/4 inch white painted screw to secure the Z-bar to the brick mould.  
**Note:** If the door opening is at the upper limits of the size tolerances (see Determine Door Size), you may need to place shims between the doorjamb and the Z-bar. After measuring for shim size remove the door and secure the shims to the brick mould. Place the door back in position and replace the #8 screw.
- 4 Use a level to ensure Z-bar is vertical, then secure with the remaining #8 1-1/4 inch white-painted screws. Remember to pre-drill pilot holes with a 1/8 inch drill bit to prevent splitting. (distribute screws evenly with number of #8 1-1/4 inch white painted screws)
- 5 Open the door and check so that it swings freely and doesn't bind.
- 6 With the door open, drill 1/8-inch pilot holes through the mounting holes on the inside edge of the Z-bar just above and below the hinges.
- 7 Install the #8 1-inch zinc screws.



Do not over tighten the Z-bar. If it bends, back the screws out slightly until the Z-bar springs back into position.

### E. Level and Secure Drip Cap

- 1 Slightly loosen the screw holding the drip cap in position on the hinge side.
- 2 Adjust the drip cap until there is a uniform gap between the drip cap and the top edge of the door.
- 3 Drill pilot holes through the drip cap and secure to the doorframe with #8 1-1/4 inch white-painted screws.

### F. Cut and Install the Latch-Side Z-Bar

- 1 Measure from bottom of drip cap to top of sill on the latch side. If your doorsill is sloped you may cut the Z-bar to match this angle. Before cutting, hold latch side of Z-bar in position to ensure that you trim any excess length from the bottom of the Z-bar.
- 2 Use a hacksaw to cut the Z-bar to length.
- 3 Position the Z-bar on the latch side and allow a gap of 1/8 to 3/16 inch between the door and the Z-bar.
- 4 Drill the top 1/8 inch pilot hole and screw in one #8 1-1/4 inch white-painted screw.
- 5 Close the door to make sure the gap is uniform at the top and bottom then pre-drill the remaining holes and secure using the white-painted screws.
- 6 Install the rest of the 1-1/4 inch self tapping screws in the hinges

## STEP-BY-STEP... CONT'D

### G. Install the Hardware



See instructions in hardware kit.



### H. Install the Pneumatic Door Closer

- 1 The pneumatic door closer must be positioned in the centre of the rail below the door screen for structural integrity. (See diagram W1)
- 2 Measure to locate the centre of the rail. Ensure the door closes and latches freely before installing the closer.
- 3 Slide the hold open washer onto the closer rod. (See diagram H2)
- 4 Attach the closer to the door jam bracket using the pin provided. (See diagram H3)
- 5 Extend the closer a ¼ inch using the hold open bracket to lock it into place.
- 6 Mount the door bracket to the closer using the pin provided. (See diagram H4)
- 7 Hold the bracket to the middle of the door and pre-drill 2 pilot holes ¼ inch deep through the door bracket.

**Note:** Do not drill completely through the front of the door.

- 8 Insert screws to hold the bracket in place, then open the door and slide the hold open washer back allowing the door to close. (See diagram H5)
- 9 Adjust the closer, if needed, to ensure the door latch engages properly.

Diagram H1:  
Pneumatic Closer

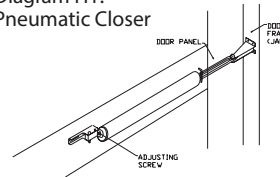


Diagram H2:  
Hold open washer

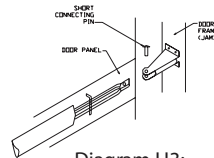
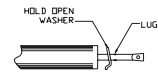


Diagram H3:  
Pneumatic Closer

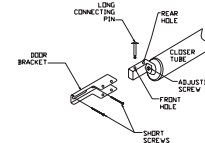


Diagram H4:  
Pneumatic Closer

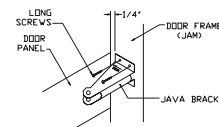


Diagram H5:  
Bracket

### I. Install the Sweep

- 1 Slide the door sweep over the door's bottom edge. Align the sweep with the latch side and position so rubber fins touch the doorsill evenly along the bottom of the door.
  - 2 Drill 3 pilot holes through spaced evenly in the door sweep using a 1/16 inch drill bit.
- Note:** Take care not to drill through the front of the door.
- 3 Secure the sweep using the three #8 ½ inch white-painted screws.

## CARE AND MAINTENANCE

Your new door requires minimal maintenance. Clean the door using mild soap and warm water. Avoid using harsh abrasives. Do not touch up or try to repaint your vinyl door with any other type of paint.

## LIMITED WARRANTY Amherst Mouldings

We are so confident in our product that we guarantee your door for 5 years from the date of purchase. If you follow the recommendations outlined here you will enjoy your Amherst Mouldings door for many years to come. Warranty will be void if you paint your vinyl door.

If an Amherst Mouldings Inc. Representative decides your door is defective, it will be replaced only with a door of the same style and size. Amherst Mouldings Inc. is not responsible for the work required to hang, paint, or modify a replacement door. We also reserve the right to substitute a door of a similar style, if necessary.