



Hinged Screen Doors

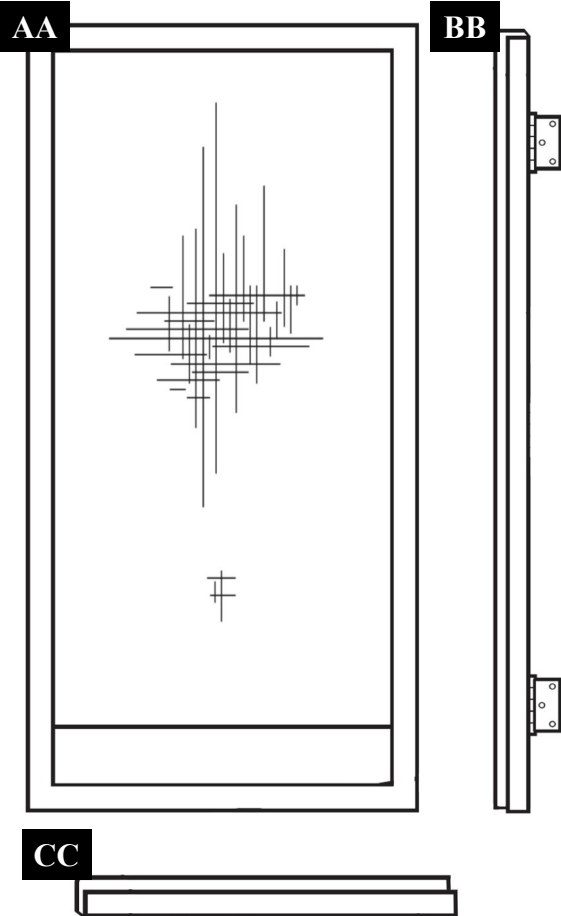
Important Information

Read the complete installation instructions before proceeding with installation.

- Installation may require 2 people when installing the door
 - Use appropriate protective equipment
 - Screen will not keep children from falling out of the door
 - Children should not be allowed to play with the door
- Failure to install door properly could result in an injury

NOTE: CRL Columbia is not responsible for accidents and injury resulting from the use or installation of this product.

Package Contents



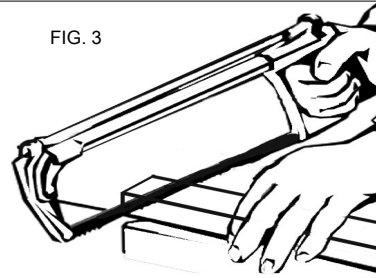
Part	Part Description	QTY
AA	Screen Door	1
BB	Hinge Bar	1
CC	Bottom Expander	1
DD	Hardware Set	1

NOTES:

- Mounting screws found in hardware set
- Hardware instructions found in hardware set
- If replacing an existing screen door, replace hinge bar and use new hinge bar enclosed
- Pull apart hinge bar and bottom channel from door carefully. Use flat head screw driver if necessary. Pry off from outside edge of door.

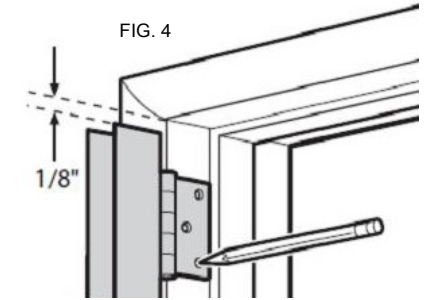
Trim and Install Hinge Bar

FIG. 3



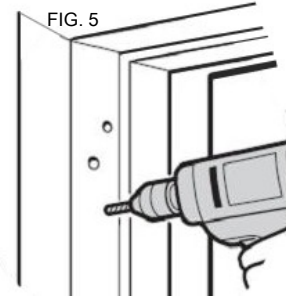
Take the narrowest vertical *Measurement D* and subtract 1/4" from the measurement. Cut hinge bar **BB** using hacksaw. See Figure 3. Smooth rough edges.

FIG. 4



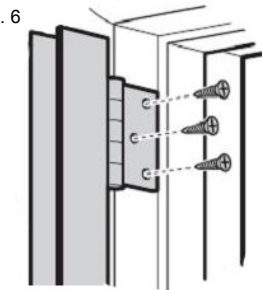
Place hinge bar **BB** into door frame on the correct side determined in figure 2. Leave 1/8" space clearance between the door frame and the top of hinge bar **BB**. With the hinge in the open position, hold the hinge bar **BB** and mark the holes on the door frame using a pencil. Repeat for all hinges. See Figure 4.

FIG. 5



Pre-drill holes using a drill with a 3/32" drill bit. See figure 5. Repeat for each hinge.

FIG. 6



Fasten hinge bar **BB** to wood frame with #7 x 3/4" wood screws using a Phillips head screw driver. See figure 6. Screws will be located in hardware set.

Install Door into Hinge Bar

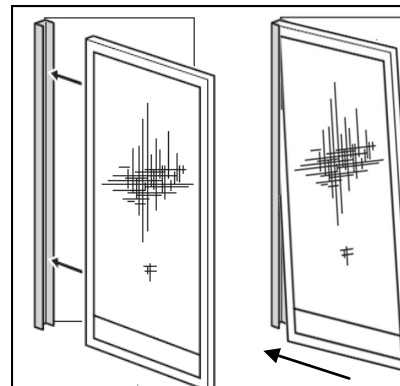


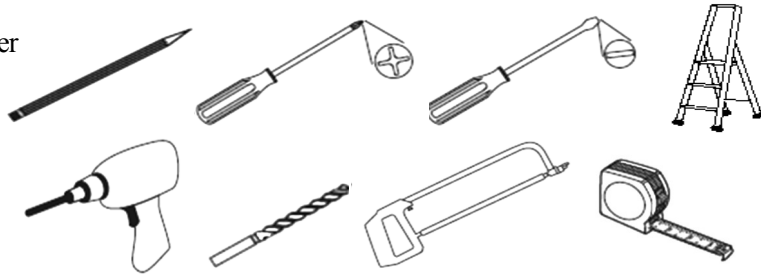
FIG. 7

Slide Screen Door **AA** into Hinge Bar **BB** that was just installed onto door frame. Insert top door corner into hinge bar **BB** and gradually slip entire Screen Door **AA** into Hinge Bar **BB**. See Figure 7.

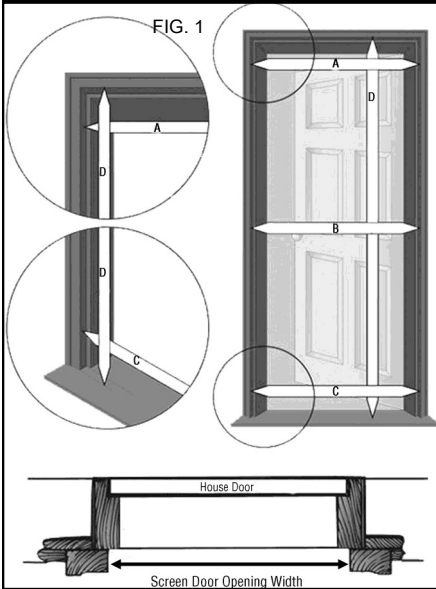
Once Screen Door **AA** is Placed into Hinge Bar **BB**, in the closed position, pull door out of hinge bar **BB** to cover door opening, leaving 3/16" of clearance on the handle side.

Tools Required for Assembly

- Pencil
- Phillips head screw driver
- Flat head screw driver
- Stepladder
- Drill
- 3/32" & 1/4" drill bits
- Hacksaw
- Tape measure
- Safety Glasses (*not shown*)



Take Measurements



Measure the opening width (horizontally) as shown in Fig 1. Take three measurements, one across the top, middle and bottom of the door (A, B, C). Record the narrowest dimension.

Measure the opening height (vertically) as shown (D). Record the narrowest dimension. Write down measurements.

Vinyl Screen Door Size

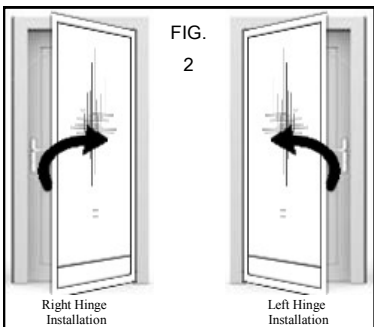
Nominal Door Size	Width Opening Max	Width Opening Min	Height Opening Max	Height Opening Min
30" x 80"	30 1/4"	29 1/4"	80 3/4"	79 1/4"
32" x 80"	32 1/4"	31 1/4"	80 3/4"	79 1/4"
36" x 80"	36 1/4"	35 1/4"	80 3/4"	79 1/4"

Metal Screen Door Size

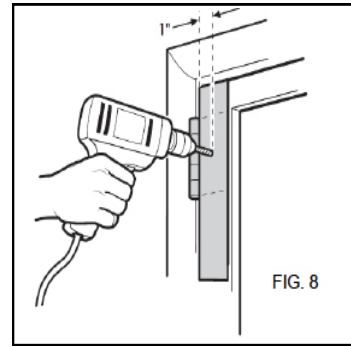
Nominal Door Size	Width Opening Max	Width Opening Min	Height Opening Max	Height Opening Min
30" x 80"	30 1/4"	29 1/4"	80 3/4"	79 1/4"
32" x 80"	32 1/4"	31 1/4"	80 3/4"	79 1/4"
36" x 80"	36 1/4"	35 1/4"	80 3/4"	79 1/4"

Place the screen door near the opening of where the door is to be hung. Make sure the front of the door is facing the outside. (*screen wire will be on inside of door*)

Determine Hinge Side

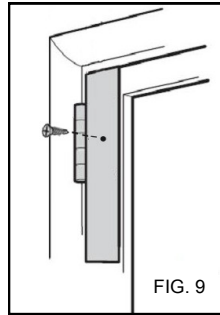


With the screen door in position, make note on whether the hinges are on the left or right side of the frame opening. The hinge bar should be on the same side as the hinges on your exterior door. Columbia Mfg. Screen Doors are reversible for Left or Right Hand Door Installation. See Figure 2

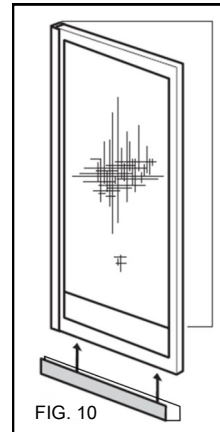


Once door is in the proper position, drill a 3/32" hole through the hinge bar **BB** and screen door **AA**. The hole should be centered in front of the hinge and 1" from the edge of the hinge. See figure 7. Repeat for each hinge on the hinge bar.

Using a Phillips head screw driver, secure the hinge bar **BB** to the screen door **AA**. Screws are located in the hardware set. For vinyl screen doors, use the #8 x 3/4" white screws located in vinyl screen door packet. For metal screen doors, use the #8 x 3/8" black screws. Do not over tighten. See figure 9. Repeat for each hole drilled.

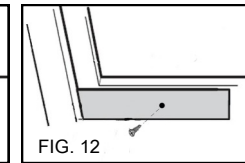
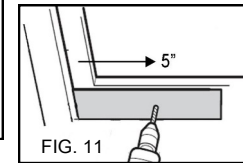


Install Bottom Channel to Door



Take width *Measurement C*, and cut the bottom expander **CC** to proper width using hack saw. Smooth any rough edges. Slide bottom expander **CC** onto bottom of screen door. See figure 10.

Adjust down within 1/16" of the floor. Check to make sure there is no interference, then drill two 3/32" holes through the bottom expander **CC** and into screen door **DD**, about 5" from the door edges and as close to the top edge of the expander **CC** as possible. See figure 11.



Secure expander **CC** using the 2 screws provided in the hardware kit. Use the same screws as hinge bar. See figure 12.

Install Door Hardware

See Hardware Installation instructions in the Screen Door Hardware Set **DD**.

Care and Maintenance

- Each screen door has spline applied screen. If the screen becomes pushed out or damaged, it can easily be replaced with new screen wire and spline. See your local hardware store for more information on screen wire and installation information.
- Vinyl screen doors should never be painted. Clean regularly with soap and water only.
- Metal screen doors should never be painted as well. But if scratches occur, the scratches should be touched up with an enamel type spray paint to prevent corrosion.
- Hardware can be easily replaced if needed. See your local hardware store for more information.