



BROCKWELL INCORPORATED

www.COLUMNSDIRECT.com



4728 SCARBOROUGH PLACE ▪ STONE MOUNTAIN, GA 30087 ▪ PHONE: 980-282-8383 ▪ E-MAIL: sales@columnsdirect.com

INSTALLATION INSTRUCTIONS – BAHAMA SHUTTERS

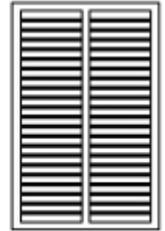
IMPORTANT | Brockwell Incorporated Shutters are custom, “Made to Order” products, and – as such – orders that are placed are Non-Returnable, Non-Cancelable, and Non-Refundable.



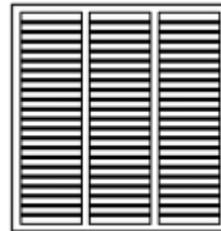
Less than 30"
With Mid-Rail



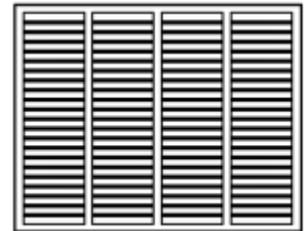
Less than 30"



30" to less than 60"



60" to less than 90"



90" to less than 120"

BAHAMA SHUTTER MEASURING

Brockwell Bahama Shutters are designed to fit over the window opening, not into the trap. When measuring, measure the width and the height of the window opening and add 3" to both the width and the height. This allows the shutter to be 1-1/2" larger than the actual window opening on all sides. The 1-1/2" overhang on both sides provides room to attach the tilt arms to the shutter.

Shutter height can be 1-1/2" taller than the window opening rather than 3" if there is a sill in the way of closing. **Due to louver placement, shutter sizes are shown at 1-1/2" increments. Please take this into account for proper closing.**



BAHAMA SHUTTER INSTALLATION

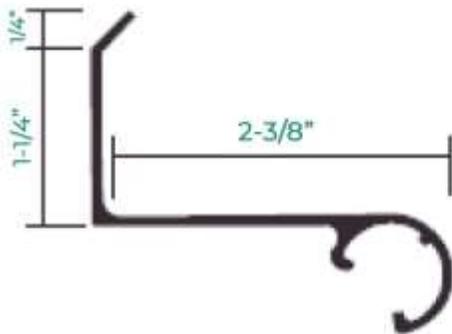
Pre-drill the aluminum female hinge with screw holes 8" on center. Connect the female hinge to the male hinge on the shutter by sliding the two together.

Place the shutter in the desired closed position, then rotate the female hinge until it rests flat against the wall of the structure. Use the pre-drilled holes on the female hinge to mark for pre-drilling into the wall.

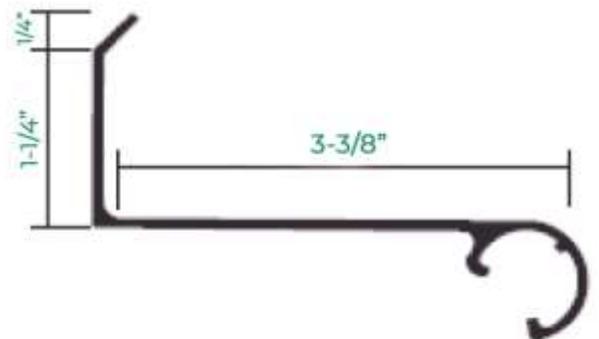
After removing the female hinge from the shutter, screw the female hinge to the wall – and then slide the shutter with the male hinge back onto the wall-mounted female hinge.

PLEASE NOTE: Female hinge clearance is not factored into the overall shutter height. The male hinge is approximately 1 inch shorter than the female hinge; this is to allow for a set screw to be installed.

2-3/8" FEMALE HINGE

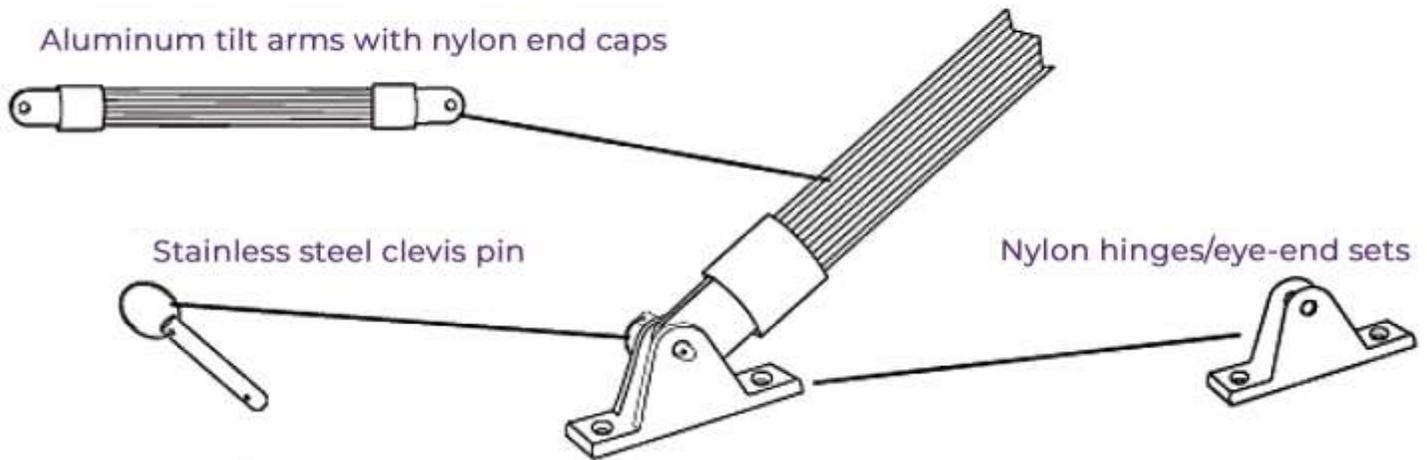


3-3/8" FEMALE HINGE



TILT ARMS INSTALLATION

TILT ARM COMPONENT PARTS



Attach a nylon hinge/eye to each stile approximately 2" from the bottom, with the screw holes $\frac{3}{4}$ " inward from the outside edge. After mounting the hinge/eyes to the shutter, allow the shutter to hang from the top-mounted hinge. Position a second hinge/eye on the wall so both hinges/eyes can be pinned together when the shutter is in the closed position. Mark the location and attach the hinge/eye to the building.

Repeat this procedure for the other stile.

Open the shutter so that the louvers are horizontal, providing the best view outwards, or however far you prefer. Measure the distance between the hinge/eye on the shutter and the hinge/eye on the wall. Cut the tilt arms to length, being sure to allow for the nylon end caps. Connect the tilt arms to the hinge/eyes using the clevis pins that are provided.

Storm shutters should have nylon hinge/eye clips at each bottom corner and at third points across the bottom rail. Stiles should have nylon hinge/eye clips at each bottom corner and at third points up each stile. This will allow for shutter to be secured when closed for storm protection.

