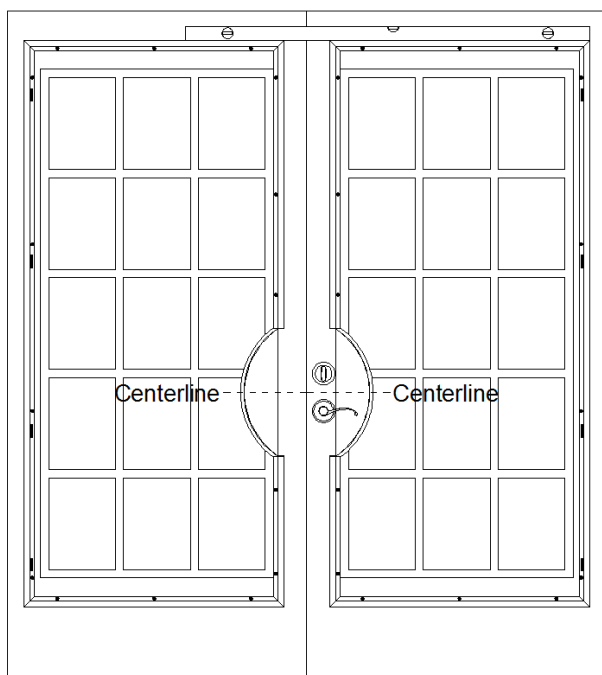


# OUTSIDE MOUNT WITH L FRAME

## SIDE BY SIDE FRENCH DOORS

- The installation method remains the same for both shutters in a side by side installation.
- Begin by installing the shutter on the door with an operational handle. If both handles operate choose either door.
- Install the first shutter as described in previous section.
- Once the first shutter is complete, place a long level on the top frame of the installed shutter. Allow the level to hang across the face of the second door.
- Begin installing the second frame and make sure the top frame aligns with the level, and thus the first shutter.
- Finish installing second shutter as described in previous section.

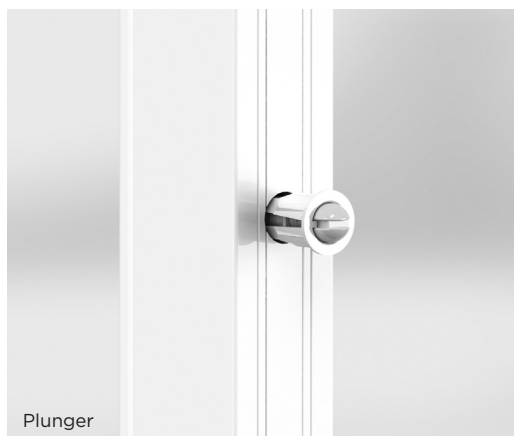


## HANG PANEL

- Set panel(s) in the frame and insert the hinge pins of the top and bottom hinges only.

## PANEL LOCK

- The Panel Lock system does not require any installation. The Panel Lock caps have already been installed in the ends of the stiles. The plungers lock into the groove of the frame.
- Plungers are included above and below the cutout to ensure proper panel closure. These plungers do not require installation and are set at a depth which requires depression to close the panel. The plunger depth can be adjusted. Use a flathead screwdriver, press in on the plunger and rotate clockwise 1/2 turn. Repeat until desired depth is achieved.



## CAP SCREW HOLES

- Once all screws have been installed and panels checked for level, cap all holes with the provided button plugs.

## CLOSE ANY GAPS

- Dap or Caulking can be used to seal any gaps around the frames or mitered corners.



**ECLIPSE®**  
SHUTTERS

**FRENCH DOOR SHUTTERS  
WITH CUTOUT  
INSTALLATION INSTRUCTIONS**

## TOOLS REQUIRED

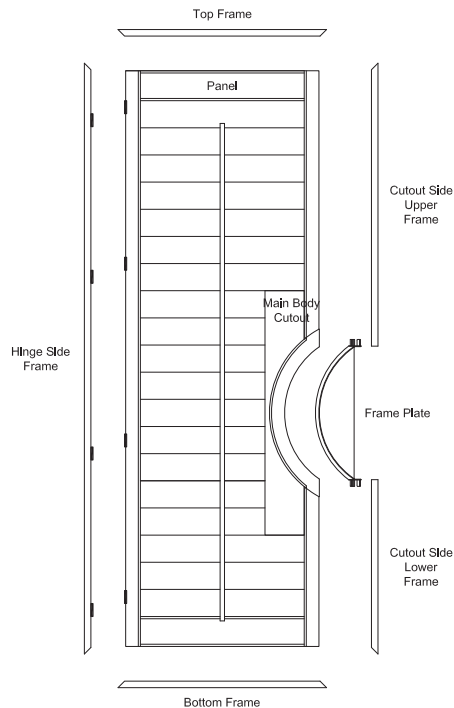
- Rechargeable, variable speed drill
- 3/8" diameter drill bit
- 3" Robertson bits #1 and #2
- Slot screwdriver
- Non marring hammer with 1" head
- Level
- Caulk or sealant for both mitered corners and to cover gaps between the frames and window jambs
- Pencil
- Loctite glue 414 or contact cement required for outside mount L-frame applications

## LABELS

All Frames will be identified with removable labels. Match the line number of the frame to the line number of the panel. Do not remove labels until product is installed.

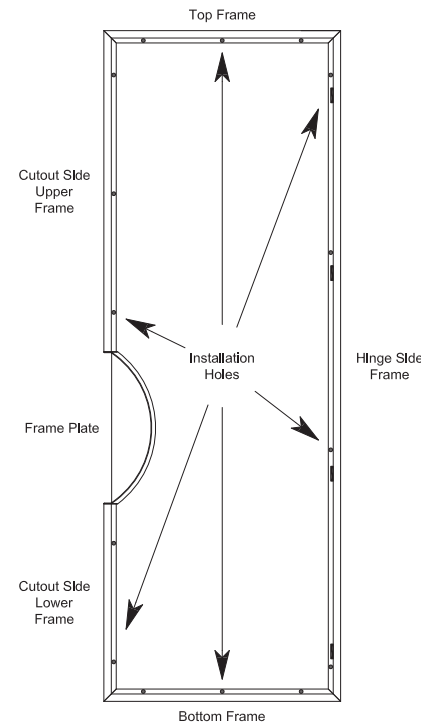
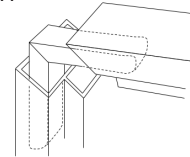
## PREPARE FOR INSTALLATION

- The frame should arrive fully assembled and the panel within the frame.
- Remove any cardboard and/or shrink-wrap packaging materials.
- A piece of corner board has been secured to the frame to protect the frame plate. To remove, position the framed unit so the back of the frame can be accessed. Using a #1 drill bit remove the screws holding the corner board in place.
- The frame should be pre-drilled with installation holes. If not, pre-drill all frame sides using a 3/8" drill bit. Drill through the first layer of Polyresin 3 only.



## FRAME ASSEMBLY (Only if frame is unassembled)

- Lay frame sides flat beside the panel to ensure that the frames will be assembled correctly and that the hinges on the panels and the frames will be in alignment.
- Apply Loctite 414 (or Contact Cement) to inside surface of the L Frame straight cut ends that flank the cutout.
- Insert glue tabs into the L Frame and hold until firmly set. (10 to 20 seconds).
- Apply Loctite 414 to inside surface of the corner key cavity of one end of the top frame and insert corner key.
- Repeat for opposite end of the top frame, repeat for bottom frame.
- Apply Loctite 414 to inside surface of the corner key cavity of frame ends that join the top frame, then slide the corner keys of the top frame into the side frames and hold until set.
- Repeat for the bottom frame.



## HOLD FRAME ON THE DOOR

- Partially set an installation screw into the upper cutout side frame and upper hinge side frames.
- Set the frame against the door to check position of the frame and the alignment of the cutout to the handle or between the handle and the deadbolt.
- Level the top frame and set the cutout side screw. Ensure the centerline of the frame plate will align with the handle and the outside edge of the frame plate will cover the glass but not interfere with the handle.
- Set the top hinge side screw, making sure the top frame is level.
- Set the panel in the frame and verify location and operation. Move the bottom frame left or right to achieve best possible operation of the panel.
- Install screws on the lower frame side below the cutout and check operation of panel.
- Continue setting screws and checking operation of panel.
- Install button plugs once all screws have been set.

