SHUTTER INSTALLATION (INSIDE)

Shutters are most frequently installed on the inside or within the casement. The sketch below represents the typical double hung window. Note the parts of the window. The window stop molding is where the shutter should install. Measure width X height inside the window stop.

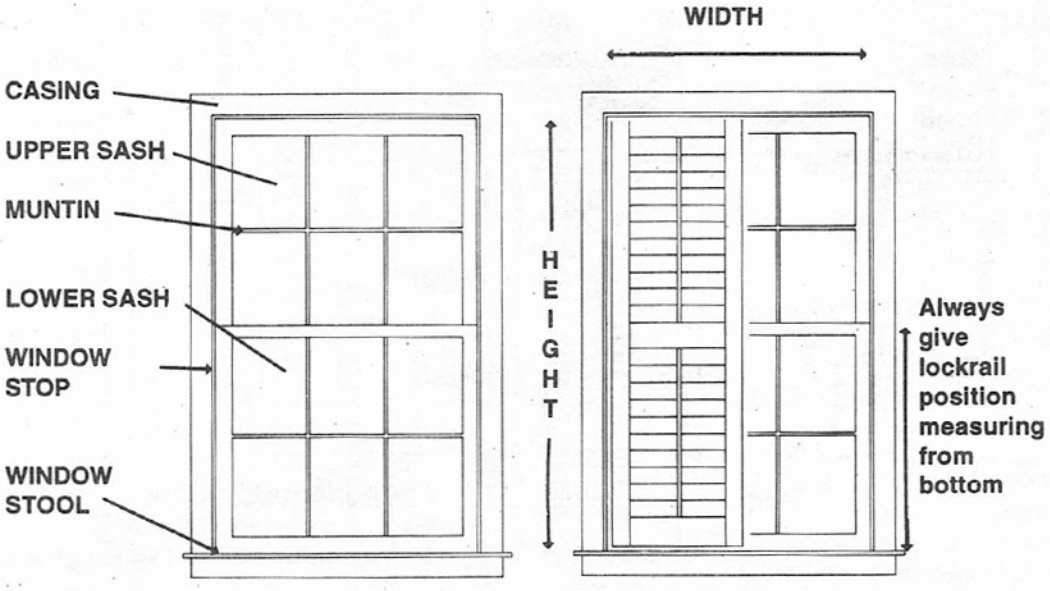
When measuring always measure the width at the top and the bottom of the window. (Most windows bow out at the center.)

Measure each window acurately to the nearest 1/8" preferably using a steel tape rather than a carpenter's rule or yard stick.

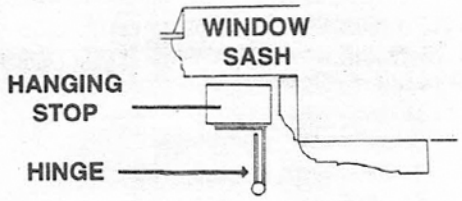
The handy order form enclosed will call for window identification (optional), width X height, lock rail position (always give lock rail position from the window stool to the center of the lock rail), inside or outside, etc.

Measure as accurately as possible and fill out measure form completely. If you have any questions don't hesitate to call for assistance. Our office works with architects, designers and installers as well as lay people who may have never looked closely at their windows. We can walk you through each step of measuring and installation by phone. For difficult or unusual windows you may sketch a jamb profile or take a photo and send it to us. We will call you back with our suggestions for installation as soon as possible.

In some cities we may be able to offer you the name of an installer. If you have an installer you may ask him to register with us that we can offer his name to future clients in your area.

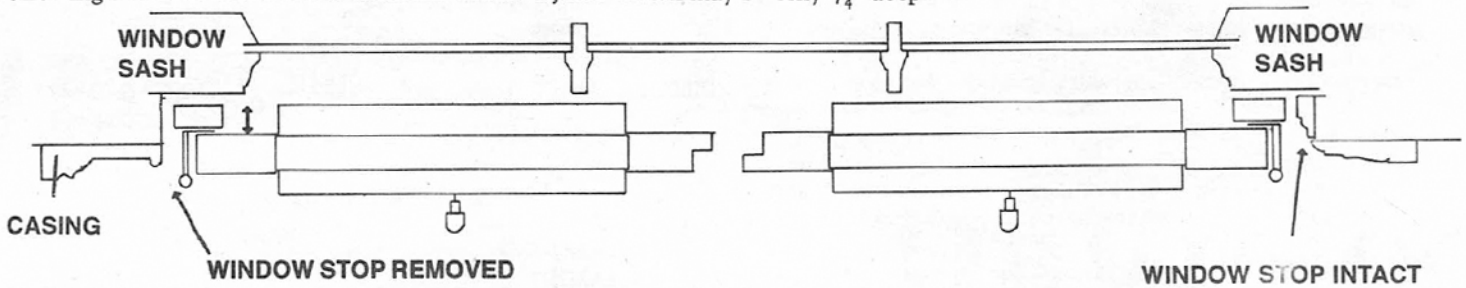


Window stop mounting surface must be $^5/_8$" See page 2 for window stop detail.



We manufacture a hanging stop (see above) which aids in the installation of the shutter. It has 2 primary purposes: to allow adjustment of the shutter both horizontally and vertically in order to perfectly align the panels; *and* to space the shutter panel the necessary amount from the window sash to allow perfect louver clearance with the window.

NOTE BELOW: LOUVER PROJECTION is $^3/_4$" which is the thickness of the hanging stop thus allowing a wide louver shutter to install within a jamb which may be only $^3/_4$" deep.



If the mounting surface of the window stop is less than $^5/_8$" you may opt to remove it, replacing it with the shutter hanging stop.

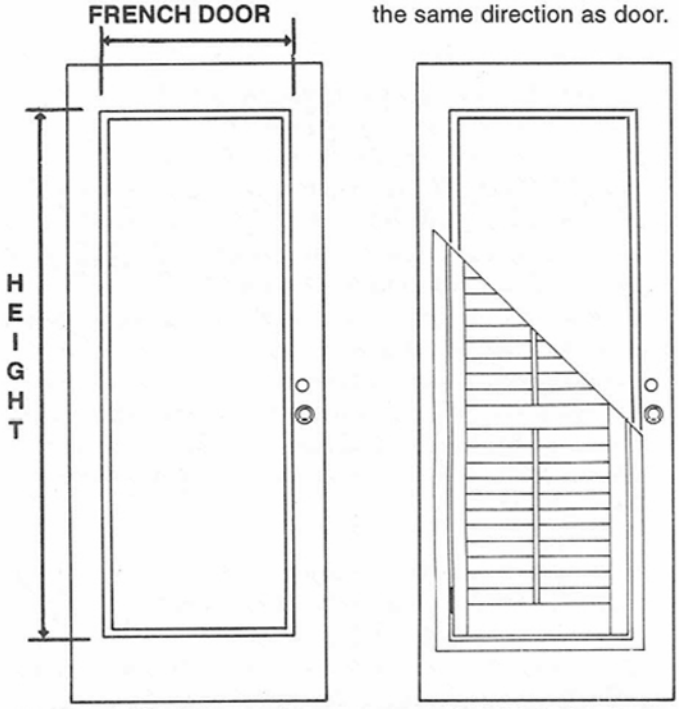
This cross section of a Double hung window shows the relative position of the primary components of the window and casing. The window stop molding may vary in design slightly however it will usually have a flat surface running perpendicular to the window sash. This is the mounting surface for the shutter's hangings stop. If this mounting surface measures $^5/_8$" or greater the shutter will easily mount inside the window stop at this position. The above sketch shows a shutter installation inside the window casing; hanging stop mounted to the window stop (right side) or directly to the jamb (left side). Remember the mounting surface of the window stop must be at least $^5/_8$" or it must be removed for an inside installation.

DOOR INSTALLATION

SHUTTERS

DOORS are frequently fitted for shutters by use of the same frame as previously discussed. Generally the face mount frame is used. Measure as shown below. Always measure to the flat edge of door stile, not the molded, tapered edge leading down to glass. Specify exact size, factory will add for frame and deduct for door knob and escutcheon. It is often advisable to include a sketch to clarify your measures.

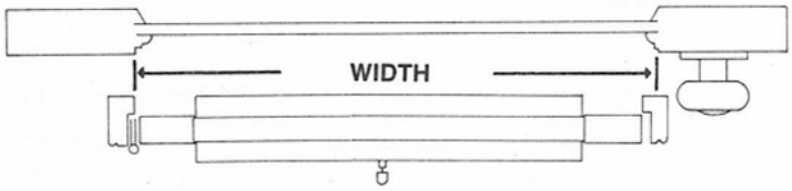
HINGE SHUTTER PANEL to the same direction as door.



Factory will add width of frame to your dimensions

In some cases in which the door knob is very close to the glass, the frame on this side may have to rob a small amount of glass. This is generally not noticeable.

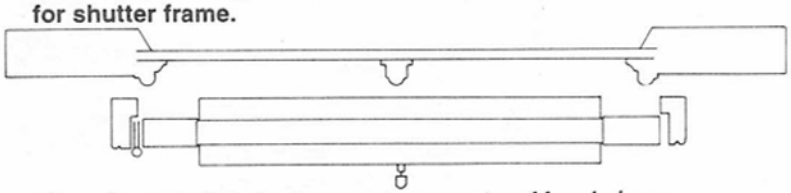
(A) STANDARD WOOD DOOR



Give width as shown. Factory will add for frame

Specify distance of door knob escutcheon from glass.

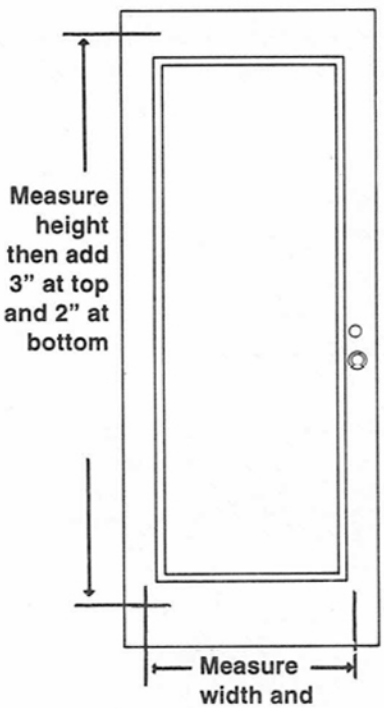
(B) Standard metal door with raised window grid and frame. Measure outside grid frame. See below. Factory will add for shutter frame.

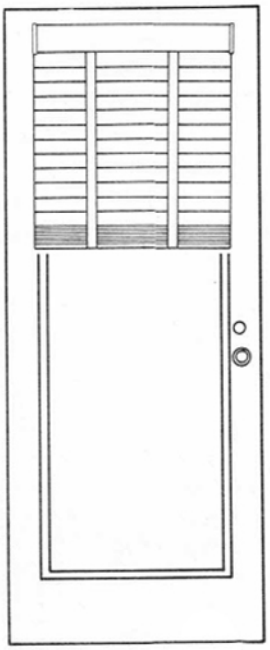


These diagrams show the 2 most common styles of french doors. Measure as shown. On example A you may choose to add 2" to 3" to height at top and/or bottom to align panels with adjacent windows or to give a "taller" appearance. Specify DOOR MOUNT. Example B shows the plastic insert grid on the common steel insulated door. The surround frame will install as shown. Measure to the outside edge of the insert grid as shown. Again as in example A, you may add 2" to 3" to height. The frame will provide the proper louver clearance for window pane and grid.

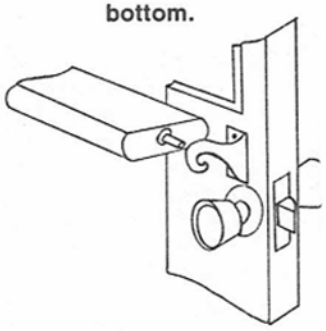
BLINDS

WOODEN BLINDS are very frequently installed on French doors. Measure as shown on diagram. Width: blind should overlap window $^1/_2$" or more on each side. (The door knob and escutcheon may restrict your width on one side; try to balance coverage on each side with equal distances so as to center blind on door.) Height: add at least 3" to top of blind and at least 2" to bottom of blind for a total of 5" ADDED TO HEIGHT.





HOLD DOWN BRACKETS anchor blind at bottom.



THE FACTORY will manufacture your blinds EXACTLY to the dimensions you give. No allowances will be taken. Specify OBHD (Outside Bracket Hold Downs) on the order. We will send **hold down brackets** to anchor the blind at the bottom.