

## How to Measure for Sash:

- Note: when measuring the height of the frame, open the bottom sash so the meeting rails clear each other **Figure 1**, this will allow your measuring tape to slide between the sash.  
OR  
Remove each sash from the opening and then measure.
  - Measure existing sash opening at three locations:  
Left, Center, Right for *Height* measurements **Figure 1**  
AND  
Top, Middle, Bottom for *Width* measurements **Figure 2**.
- Please Note: Width and Height measurements as shown in **Figures 1 & 2**, must be taken from the inside of wood frame to the inside of wood frame.
- Record the measurements.
  - Use the smallest of three width and height sizes recorded for ordering.

The following formulas are used to determine the glass and sash sizes.

### Glass Width:

$$\begin{aligned} \text{Glass Width} &= \text{Sash Opening} - 4.125" \\ \text{Minimum foam compression} &= \text{Sash Opening} - 4.5" \\ \text{Maximum foam compression} &= \text{Sash Opening} - 4" \end{aligned}$$

### Glass Height:

$$\text{Glass Height} = (\text{Sash Opening} - 6.0625") / 2$$

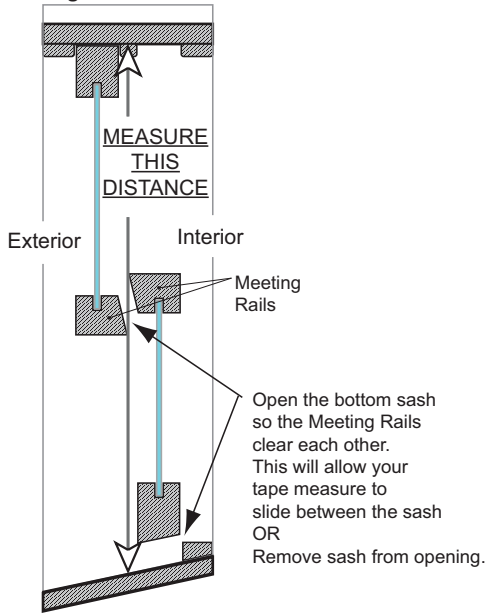
### Glass to sash size offset:

$$\begin{aligned} \text{Top Sash Width} &= (\text{Glass}) + 2.375" \\ \text{Top Sash Height} &= (\text{Glass}) + 2.690" \end{aligned}$$

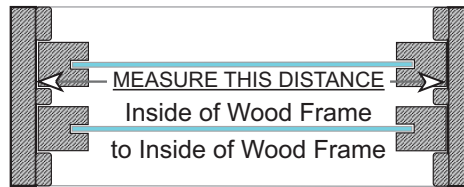
$$\begin{aligned} \text{Bottom Sash Width} &= (\text{Glass}) + 2.375" \\ \text{Bottom Sash Height} &= (\text{Glass}) + 3.878" \end{aligned}$$

**Minimum size:** 16" x 14" glass size. **Maximum size:** 40" x 36" glass size

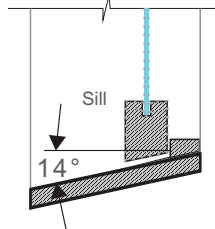
**Figure 1 Shows measuring the Height of the frame**



**Figure 2 Shows measuring the Width of the frame**



Sill Angle can be measured by using a protractor and miter gauge. Kit is supplied at 14°



Note: Parts drawings not to scale.

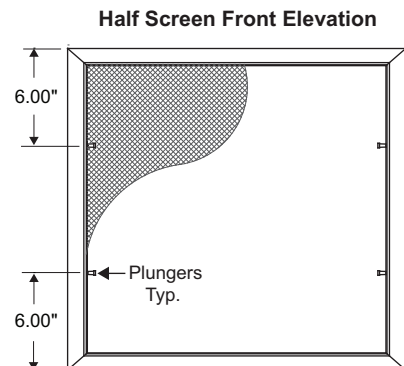
## How to Measure for Screens: (Sold separately. Not included in kit price.)

### Full Screen:

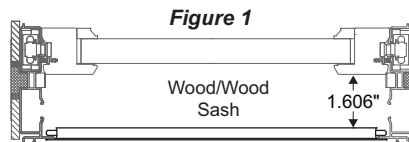
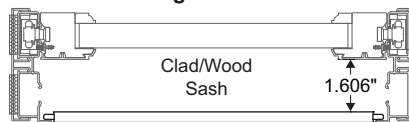
When ordering, please specify if a screen/storm combination OR full screen replacement is required. Sizing will be determined by your existing screen width and height. Please provide the exact size of existing screen. Measure the width and height of the screen and provide those measurements when ordering.

### Half Screens:

Width = Glass + 2.188" (includes flange) **Figure 1**  
Height = Glass + 3.875" (includes flange) **Figure 2**  
Please follow Figures for proper measuring. Please provide width and heights when ordering.

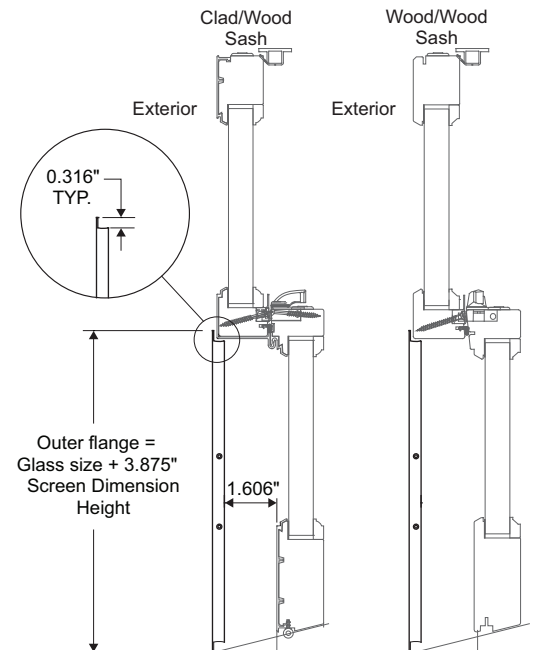


**Figure 1 Top Views Measuring for Width when ordering Half Screens**



**Figure 2 Side Views**

**Measuring for Height when ordering Half Screens**



Note: Parts drawings not to scale.