

How to Measure And Install Screens

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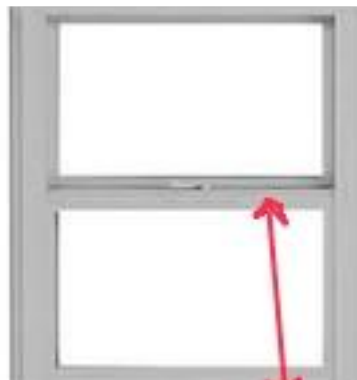
Single Hung Aluminum, half screen

Single hung Aluminum Windows will have a screen retention lip at the bottom and a screen channel at the window sash. For a half screen, the screen will fit down into the bottom lip and then up into the screen channel.

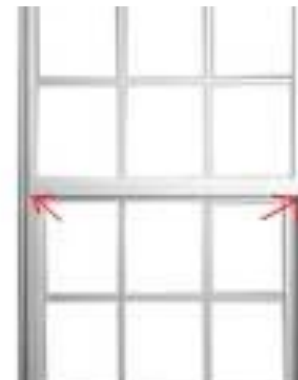
Leaf springs and pull tabs are the common hardware used in this application.

For the Width, Measure the screen channel on the window left to right and subtract $\frac{1}{8}$ of an inch. For the Height, Measure down into the bottom lip and up to the screen channel and add $\frac{1}{8}$ inch so the screen will be able to fit up into the screen channel.

To install, lift screen with leaf springs on top, into the screen channel so it will lift up over the bottom lip and then spring down into place.



bottom lip up to screen
channel add $\frac{1}{8}$



Measure screen channel
left to right subtract $\frac{1}{8}$



Aluminum Single Hung

Single Hung Vinyl

Your Single Hung vinyl window will be measured the same as your Aluminum window. With a vinyl window the common hardware will be acorn Latches or plungerbolts



Acorn Latch



Plungerbolt



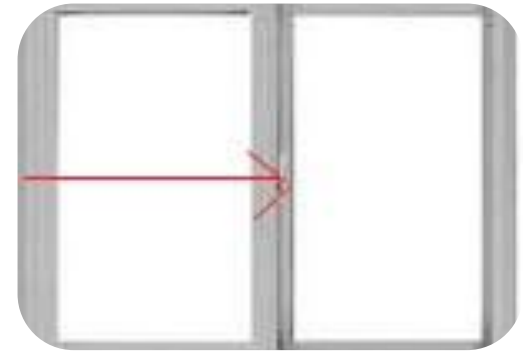
Vinyl Single Hung

Horizontal Sliders

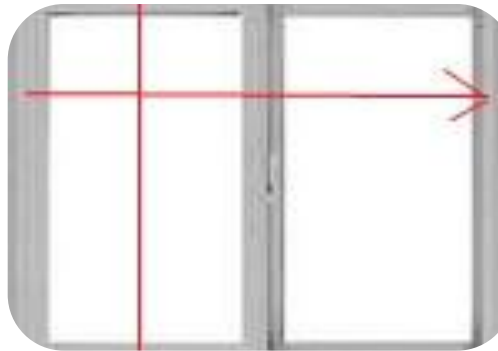
Windows that open left to right are horizontal sliders and are measured similar to the single hung, with the lip and screen channel being on the vertical jamb of the window rather than the horizontal side.



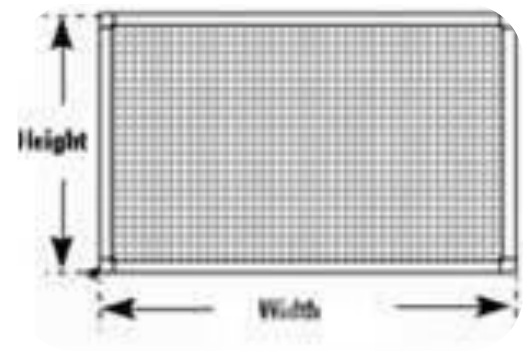
Horizontal slider



Center Bars for Sliders are typically measured from the left to the middle of center sash



For full screen or solar screens, measure same as Single hung but be sure to note hardware location



Sliders are still ordered Width then height

Wood Windows and Casement Screens

Double Hung Full Window Screens or Wood Window Screens typically cover the entire window. They normally have a Horizontal Crossbar for added strength across where the top and bottom window meet.

Double Hung Windows open from the top and bottom and may be made of aluminum or wood.

Older Wooden Windows may just open from the bottom.

Attachment Hardware may vary greatly across different window manufacturers.

Double Hung windows may have Leaf Springs on Top, Butterfly or Slide Latches on the sides, Spring Plungers on the Top and/or Sides.

There is also some Hardware specifically made for Wood Windows. It is called "Wood Window Hardware" and consists of Wire Loops attached to the bottom of the Screen that hooks over Ball Head Screws in the window sill.

The associated hardware to hold the Top of the window screen is called Jiffy Hangers with Nails



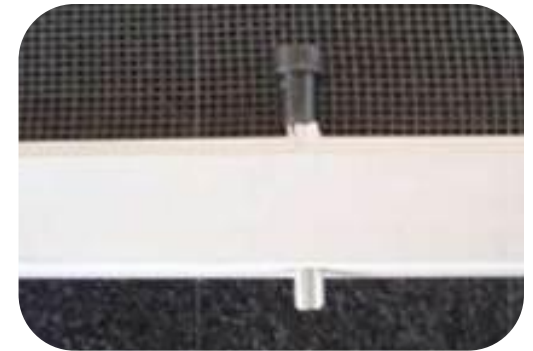
Jiffy hangars



Leaf springs



Butterfly latch



plungerbolts

How to Measure for Solar Screens

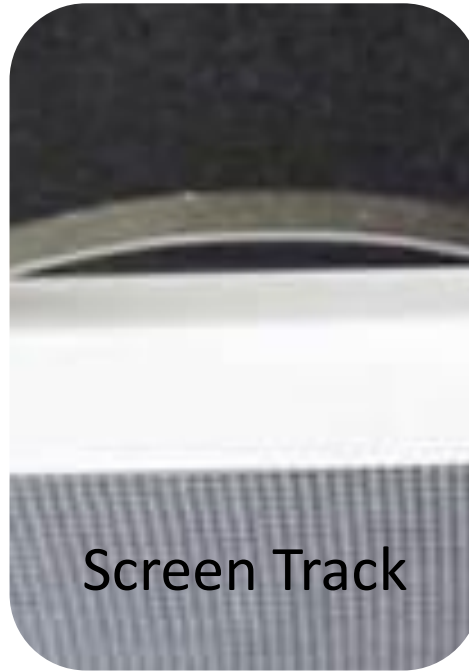
4 common types of ways to install solar screens

Screen Tracks - Screen is held in place with Leaf Springs.

Screw on – Screen is screwed onto the window frame with self Taping screws

Brick Clips – pressure fit type clip for easy installation and removal. No screws required.

Casement clips – Used when window is flush with siding and screws into the window frame are not desired.



Screen Track



Screw on



Brick clips

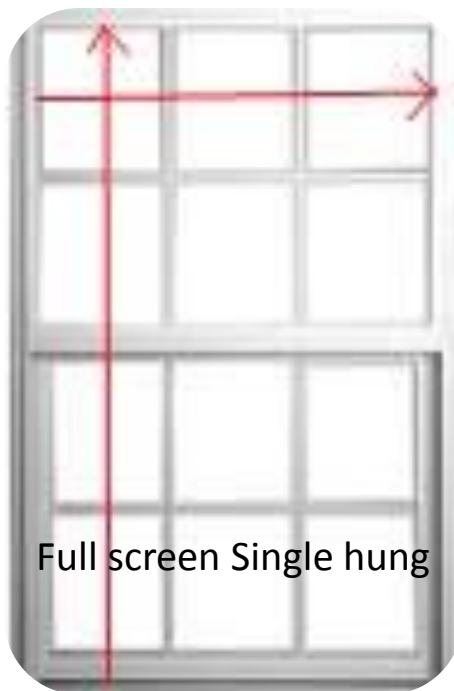


Casement clips

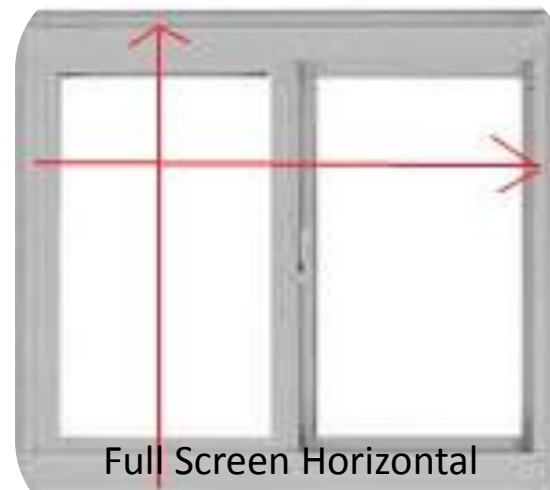
Solar Screens with screen track

For this type of installation you will measure exactly the same as you did for the half screen but this time you will measure to the screen channel at the very top of the window and add $\frac{1}{8}$ of an inch so the screen will fit into the upper channel. With a full screen be sure to measure for the center brace which needs to line up with the window sash. This method will usually only apply to Aluminum or Casement windows.

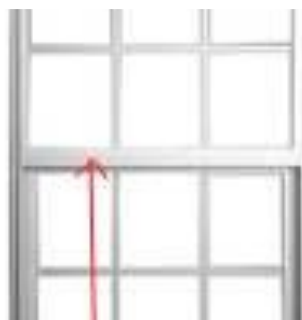
To install, push the screen with leaf springs into the screen channel and then let screen spring back down into bottom lip.



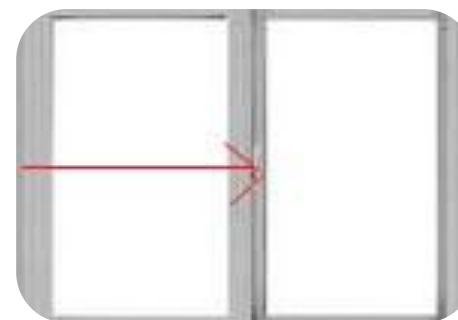
Full screen Single hung



Full Screen Horizontal Slider



Measure Center brace
to center of window
sash

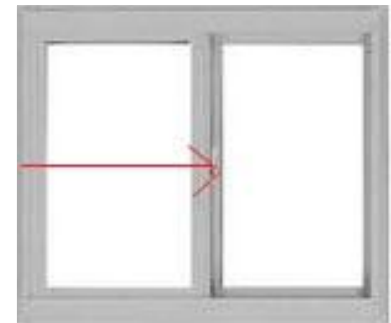
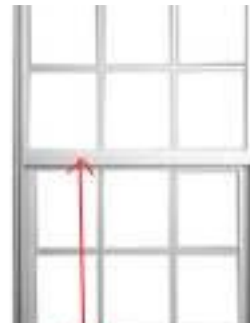
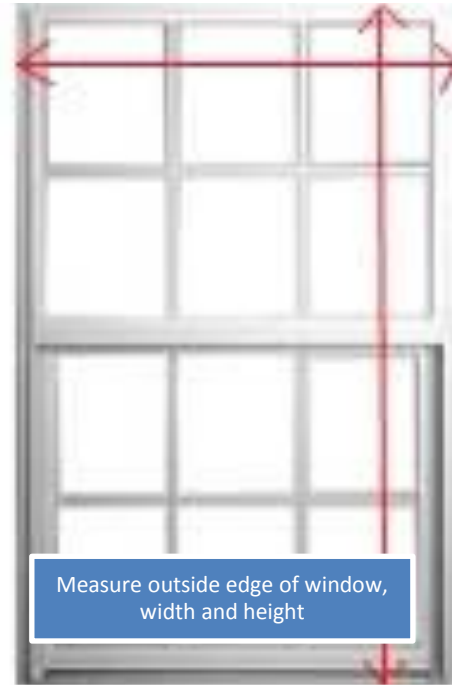


Sliders are measured
from the left to center
of sash

Solar screens Screw on Method

If you are going to screw the screens directly to the window, measure the overall window and subtract 1/8 inch from width and height. Measuring the center brace from the bottom to the center of the sash or from the left to center depending on the window sash orientation.

To install , place screen over the window and use the self tapping screws available from ASM , Be careful not to run screws into the glass .



Solar Screens with brick clip mount

If you are installing screens with brick clips simply measure the brick or wood opening the window is set into and subtract 1" from the width and height.

Measure for the center brace depending on sash orientation .

To install , simply Slip the clips over the frame and push screen into the opening



Measure opening



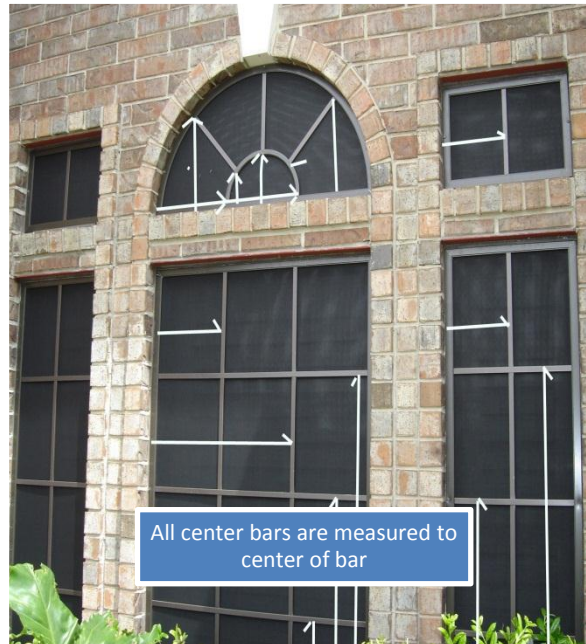
Subtract 1"



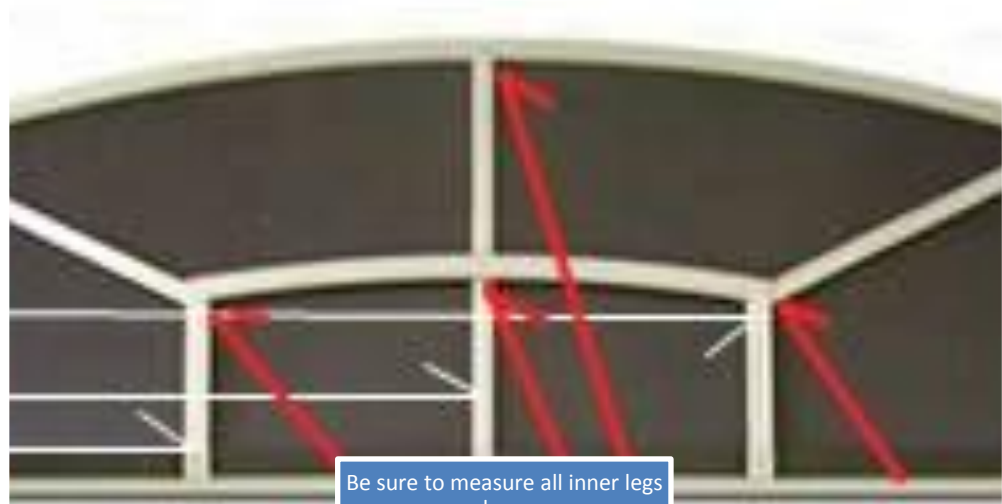
Push screen into place

Solar Screens With Colonial grids

Measure the overall screen the same as you would for screens without the grids. Measuring the inside grid pattern is done by measuring left to right and bottom up from the outside edge of the screen to the center of each mutton bar.

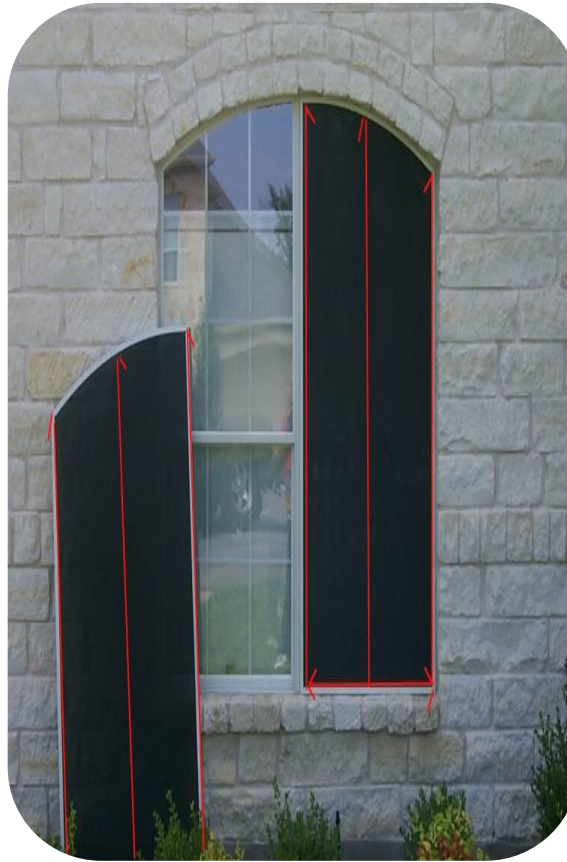


Template required



Measuring for arches

Arches and odd shapes will typically be screwed on or applied with brick clips or casement clips. Measure the screen the same as you would a square one but be sure to note the center height of the arch, and side leg measurements. Refer to the arch drawings for specifics on measurements needed for these specials. For Octagons and odd shapes without curves, be sure to measure all outside dimensions plus overall width and height. For Ovals and odd shapes with curves please provide a pattern.



For ovals and odd shapes please make a pattern

