



MEASURING AND ORDERING YOUR RAINIER SRS™ SCREEN

Accurately measuring and selecting a location for your Rainier SRS™ Screen is a critical part of the ordering process. Taking the proper measurements now will save you time and money when it's time to install the unit.

Motor Location:

- Locate nearest 110 volt power outlet.
- Facing what will be the front of the screen (where you will mount the housing), determine whether the power supply is better suited for the right or left side of the unit. All screen units will be supplied with a 24 ft. pigtail cord and a 3 prong grounded plug.
- If no power supply is readily available, it may be necessary for the customer to have an outlet or junction box installed by a licensed electrician. It is recommended to have it installed either high and close to the unit housing, or low and near the side track. (Power cord may also be routed and concealed inside the track on screens with flush mounted side tracks).

Measuring for Accurate Unit Width & Drop (height):

The width measurement is always from the outside of one end cap to the outside of the other end cap on the housing. The drop (or height) is measured from the top of the housing to the bottom of the hem bar (or weight bar). Take three measurements for the width (top, middle, and bottom) and three measurements for the drop (left, middle, and right). Use the largest of each.

- **Surface Mounted Unit:** A surface mounted unit is mounted outside the opening. You will need to add a minimum of 2" on each side of the widest measurement of the opening for mounting your side tracks (this means your overall width of the unit will be a minimum of 4" wider than the opening itself).

For the overall drop measurement, add the height of the housing (below) to the longest measurement.

Series 3: 3¼", plus 1⅞" for standard hem bar

Series 4: 4⅛", plus 1⅞" for standard hem bar OR 2¼" for tall hem bar

Series 5: 5½", plus 2¼" for tall hem bar (standard on Series 5)

If the screen has pile brush on the bottom of the hem bar, add the brush (½" or 1") to the overall drop to make sure it will not hang into the opening.

Example: Using a Series 4 unit with ½" bottom brush.

8' (height of the opening)
+ 4⅛" (height of the housing)
+ 1⅞" (height of the standard hem bar)
+ ½" (pile brush)
8' 6½" (overall drop)

If room permits, adding an additional ½" is generally a good idea, bringing the final drop measurement in this example to 8'7".

Caution: Make sure that the hem bar will clear the top of the opening when the screen is retracted. Look for a possible bow in the opening or any trim that is not flush with the opening.

Look at your drop measurements from left to right. If there is more than ½" difference, you may want to order the next size of pile to account for the difference, which is usually caused by slope for water drainage. If this is the case, you will need to add that number into your total for the pile brush.

- **Inset Mounted Unit:** An inset mounted unit is one that is mounted completely inside the opening itself. You will not add to the measurement, but you do need to be very critical when it comes to your width measurements.

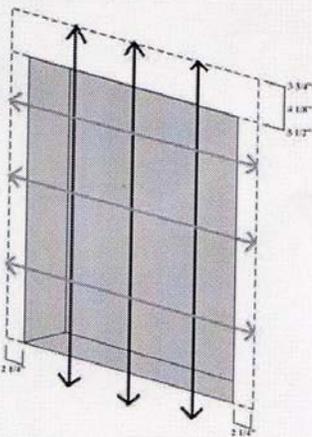
Use the narrowest measurement found in the opening. You will need to use the "L" channel mounting brackets for the flush side track, so deduct a minimum of ½" to ⅝" from the narrowest measurement. This will be your overall width measurement for your screen (L brackets are ⅜" thick each plus fastener head depth).

For the drop measurement, provide the longest of the measurements taken, and determine if a pile brush longer than ½" is required for the bottom of the hem bar.

Note: If the unit is not dropping completely to the floor or if this is a window screen, you may not need the bottom pile. On your order form, check the box for NONE on brush/pile.

Please review the diagrams to better understand the measurements needed for your installation.

Surface Mount Diagram:



Inset Mounting Diagram:

