

How to measure your alarm screens like a pro.

Screen Measuring

Preliminary Tips:

- Always use a steel measuring tape.
- Take down the exact measurements—to one-sixteenth (1/16th) of an inch.
- Clearly indicate which measurement is the width and which is the height.
- Clearly indicate the position from which you viewed the window when your measurements were taken (either from the inside or outside).
- Clearly indicate whether the screen will be mounted to the inside or outside of the building.

THESE SPECIFICATIONS ARE VERY IMPORTANT FOR A PROPER FIT AND PROPER PLACEMENT OF LEADS, TAMPERS AND OTHER ALARM SCREEN COMPONENTS.

Recommended Steps for Proper Measurement

1 How to measure a window opening.

Always measure all four sides, as they tend to vary. Measure exactly where the alarm screen frame will fit. This is called a gross measurement. From this measurement, you will make the necessary deductions to allow for hardware and proper fit. For a sliding aluminum window, the height should be measured by placing the measuring tape all the way into the top channel and bringing it down to rest on the top of the bottom channel (do not measure inside the bottom channel). There are other types of windows that may require different measuring techniques. Please call if you have any questions.

How to measure an existing screen. Take the exact measurement of the old screen frame. This is called net measurement. Do not add or subtract anything. We will make up the new screen to the exact same measurements as your existing screen. Always measure from frame end to frame end, never in the middle, since screens tend to bow in the middle.

REMEMBER: A gross measurement is the size of the window opening without adjustment for mounting. A net measurement is the actual size of the finished screen frame.

2 **Indicate spline placement.** Please indicate whether the spline (the plastic or rubber retainer that holds the screen mesh into the aluminum channel) will be facing to the inside or to the outside of the building when mounted. TIP: We recommend in most cases that the spline face inside.

3 **Select type of frame.** Our aluminum frames come in varying widths and thicknesses. A double hung window will usually require a frame with 7/16" thickness. A sliding aluminum window will require either a frame with 7/16", 3/8" or 5/16" thickness. For slider windows, always measure the thickness of the channel into which the screen rests to ensure a proper fit.

4 **Select frame color.** This step is easy. You have a choice of white, bronze or silver frames.



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continued from other side

5 Select type of lead plug.

A lead plug is the plug that connects the alarm screen to the wiring for the alarm system or to a wireless transmitter.

Our most common lead plug is a dual slotted lead plug that is hidden inside a slot in the screen frame. We recommend this type of lead plug for slider windows to avoid interference with the operation of the window. Or you can choose a standard 2 prong plug that extends outside the screen frame. This type of lead plug can be used for double hung windows.

6 Select lead plug location.

Lead plugs can be installed almost anywhere along the screen frame except in or near the frame corner. Please designate the lead plug position using the following codes:

CODE	LEAD PLACEMENT
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TC	Top Center
BC	Bottom Center
RSC	Right Side Center
LSC	Left Side Center
TR3	Top Right, 3" in
TL3	Top Left, 3" in
TRS3	Right Side 3" down from Top Right
TLS3	Left Side 3" down from Top Left
BR3	Bottom Right 3" in
BL3	Bottom Left 3" in
BRS3	Right Side 3" up from Bottom Right
BLS3	Left Side 3" up from Bottom Left

We used 3" in the examples above for demonstration purposes only. REMEMBER! To ensure accurate placement of the lead plug, it is VERY IMPORTANT that you let us know your viewing position.

7 Select type of tamper.

The tamper set consists of a switch attached to the alarm screen frame and a matching magnet that will cause an alarm to occur if separated after the alarm system is activated. Our most common tampers are the recessed set which includes the switch recessed into the screen frame and a recessed tubular magnet. A recessed tamper is recommended for sliding windows. Or you can choose a standard set which includes a glass reed switch encased in the spine channel and an exterior window magnet. This type of switch can be used for double hung windows.

8 Select tamper location.

We recommend that tampers be placed in a position opposite the location of the lead plug. Please designate the tamper location by using the same codes listed in Step 6 for lead plug placement.

9 Select mounting hardware.

For exterior mounting on a double hung window, designate "O" (outside) hardware (includes jiffy hangers, bail latch and screws.) For a casement window, designate "I" (inside) type clips. For a sliding window, designate the location of the plastic pull tabs. Please ask about other available mountings.

NOTE: These instructions are intended as guidelines only and may not apply in all situations. If your situation is unique or unclear, please contact us for assistance. Maxwell will custom make your alarm screen to the specifications you request. Take your time and double check all measurements and specifications, since we cannot be responsible for uncorrected errors.



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