



## Exterior Shade Measuring Instructions

### Elite/Freedom Shades, Titan/Patriot Shades and ZipRite Shades

**Measuring:** Use a steel measuring tape to obtain accurate measurements and be sure to carefully record your measurements by listing the width first and then the height of each opening. Be sure not to invert your measurements.

**Tip:** Precise measurements to the nearest 1/16" are critical to your shade being sized properly.

#### Elite or Freedom Shades

##### Width

**Inside or Soffit Mount – Motorized:** Measure the exact opening in three (3) places: Top, Middle, and Bottom. Take the narrowest measurement and deduct a minimum of 3/16" inch for the cassette to fit properly.

**Inside or Soffit Mount – Manual:** Measure the exact opening in three (3) places: Top, Middle, and Bottom. Take the narrowest measurement and deduct 1" as required clearance for crank operation. Please note that the shade will be installed as close as possible to wall/post on non-crank side, leaving 1" clearance on crank side. If using side channels, the track must be shimmed on the crank side to ensure proper alignment with the cassette box.

**Outside or Exterior Mount:** Measure the exterior opening in inches. **Add** 4 inches (2 inches per side) to the total width of the opening.

*Example: 72 inches + 4 inches = 76 inches*

**\*You can also provide two measurements for the width:**

- 1) Cassette - to ensure it will fit the opening
- 2) Fabric - to ensure fabric does not rub and fray on a rough surface of the patio opening.

#### Titan, Patriot or ZipRite Shades

##### Width

**Inside or Soffit Mount – Motorized:** Measure the exact opening in three (3) places: Top, Middle, and Bottom. Take the narrowest measurement and deduct a minimum of 3/16" inch for the cassette to fit properly.

**Inside or Soffit Mount – Manual:** Measure the exact opening in three (3) places: Top, Middle, and Bottom. Take the narrowest measurement and deduct 1" as required clearance for crank operation. Please note that the shade will be installed as close as possible to wall/post on non-crank side, leaving 1" clearance on crank side. If using side channels, the track must be shimmed with U channel to ensure proper track/cassette box alignment.

**For Inside Mount ZipRite Shades, U Channels are used to mount your tracks, so deduct an additional 3/8" for proper fit.**

**Outside or Exterior Mount:** Measure the exterior opening in inches. **Add** 5 inches (2 1/2 inches per side) to the total width of the opening.

*Example: 72 inches + 5 inches = 77 inches*

##### Height

Measure the exterior opening, from bottom to top, in inches. **Add** the following to your measurement:

**Elite and Freedom Shade: Add** 8 inches to your height measurement.

**Titan and Patriot Shade: Add** 10 inches to your height measurement.

**ZipRite Shade: Add** 12 inches to your height measurement.

#### THE TOTAL HEIGHT INCLUDES THE CASSETTE AND TRACKS

*Example: Elite height is 100". The tracks @ 96" + 4" Cassette = 100"*

Note: We add 8 inches to the overall height on the 4" Elite to ensure the hembar is above the opening when retracted and clears the window opening when it is in the down position.

*4" (cassette) + 2" hembar (up) + 2" hembar (down) = 8" total*

**POLAR SHADES WILL NOT MAKE ANY DEDUCTIONS ON EXTERIOR SHADES.  
ALL MEASUREMENTS SUBMITTED SHOULD BE EXACT SIZES.**