

# OASIS2900

## Patio Insect Shades



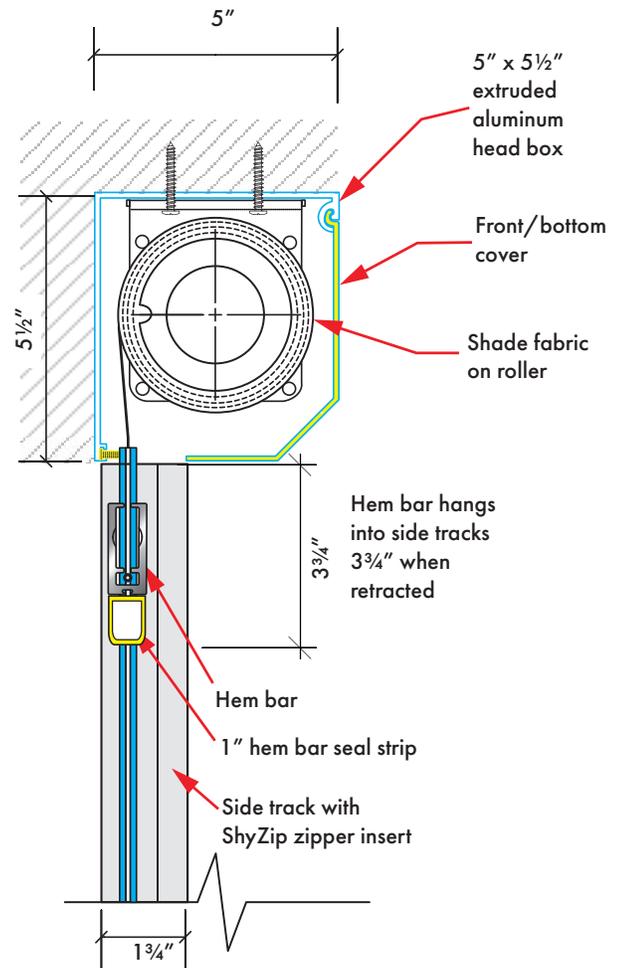
Retractable Insect Screens and patio shades for patios, doors, garages, windows and patio enclosure applications

- Custom sizes to 19' wide
- Motorized operation with Somfy or Driven by Lutron™ systems
- SHY® Zip zipper-retention side track system
- 4-sided seal keeps bugs OUT, with weather stripping at head box and hem bar

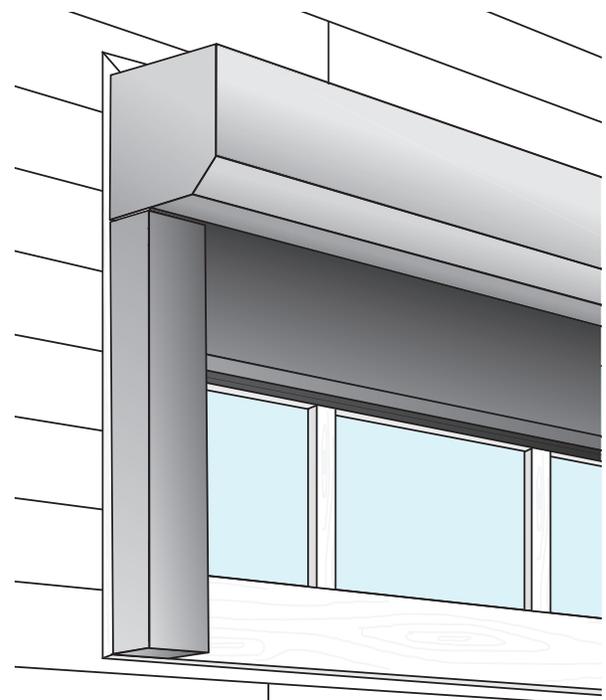
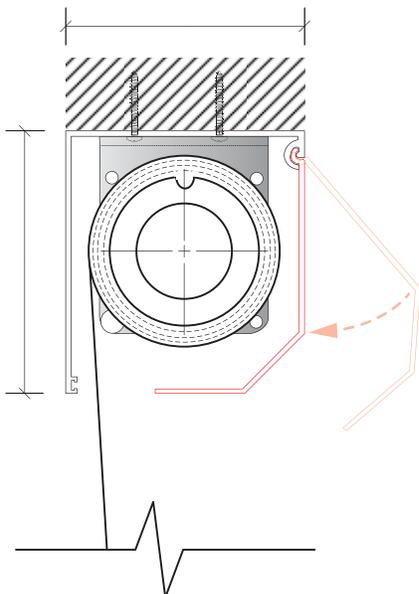


## Oasis 2900 Head Box

### 5" x 5 1/2" Aluminum Head Box



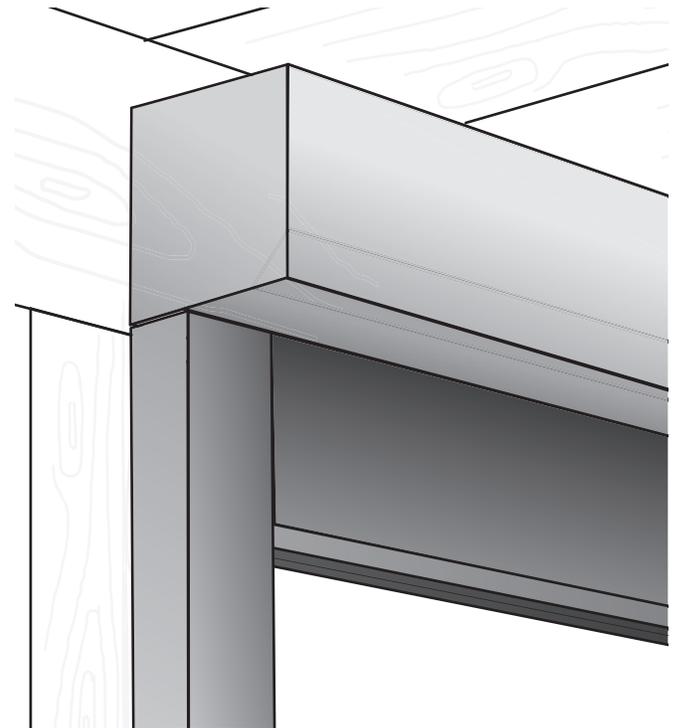
- Integrated with structure
- Easy access to shade by removing front/bottom cover
- Wall or ceiling mount
- Aluminum end caps
- Heavy-duty aluminum mounting brackets



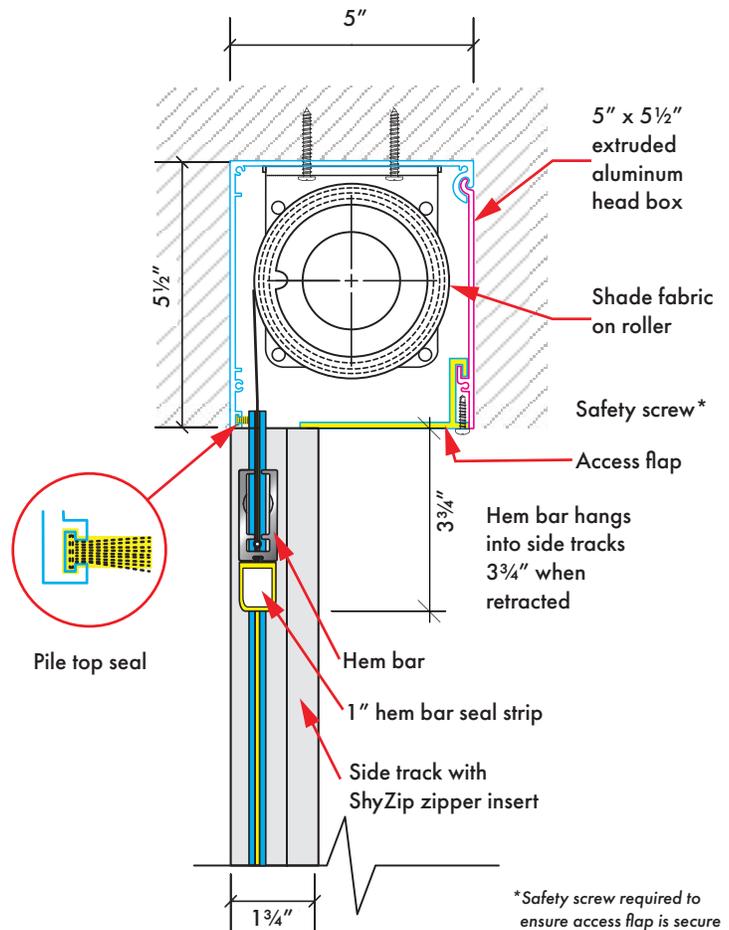
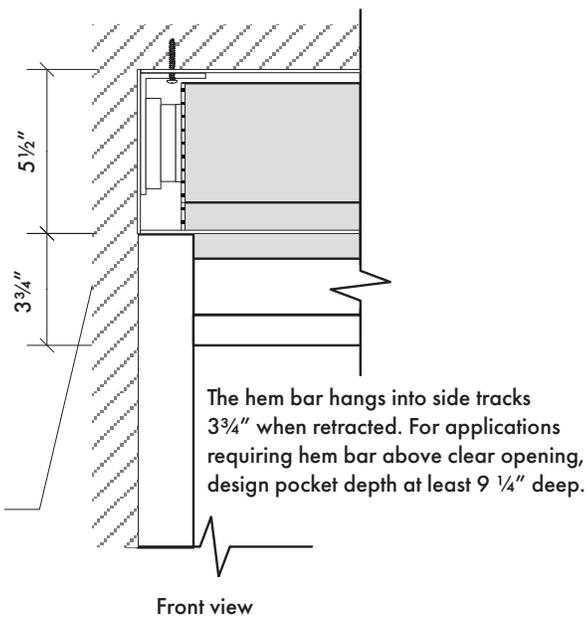
Exterior window application

# Pocket Options

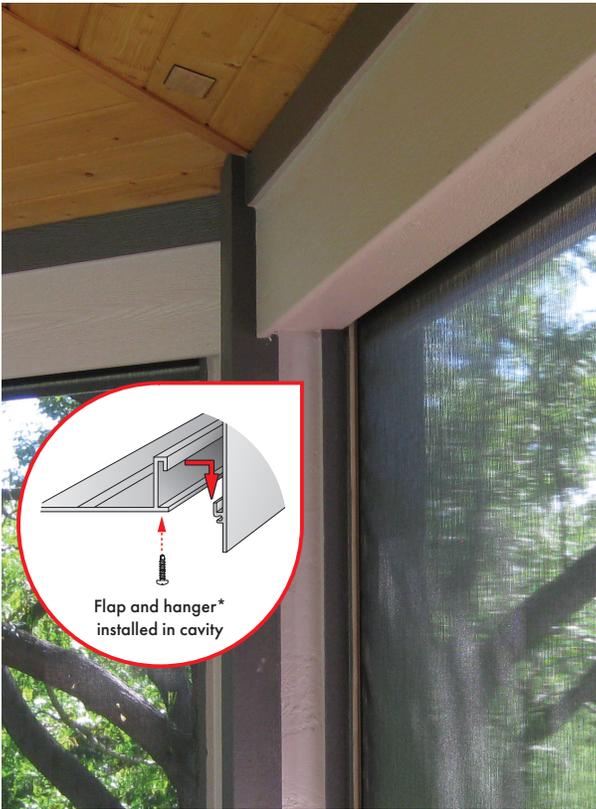
## 5" x 5 1/2" Extruded Pocket



- 5" x 5 1/2" aluminum extruded shade pocket with access flap
- Shades require access from the bottom
- Shade hangs below aluminum pocket into side tracks 3 3/4" when retracted

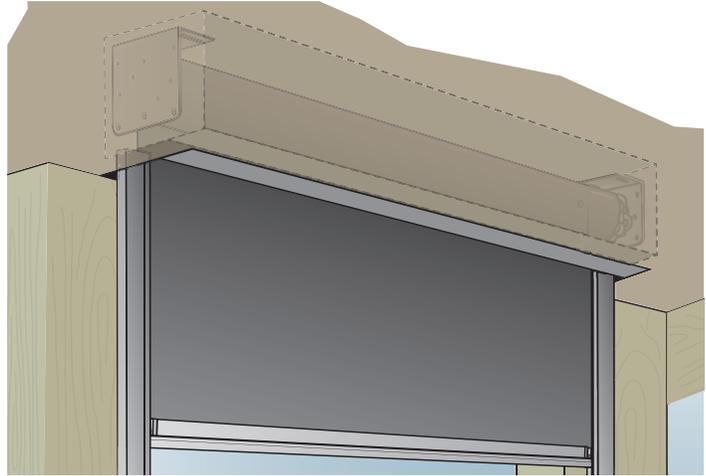


Site-built Pocket



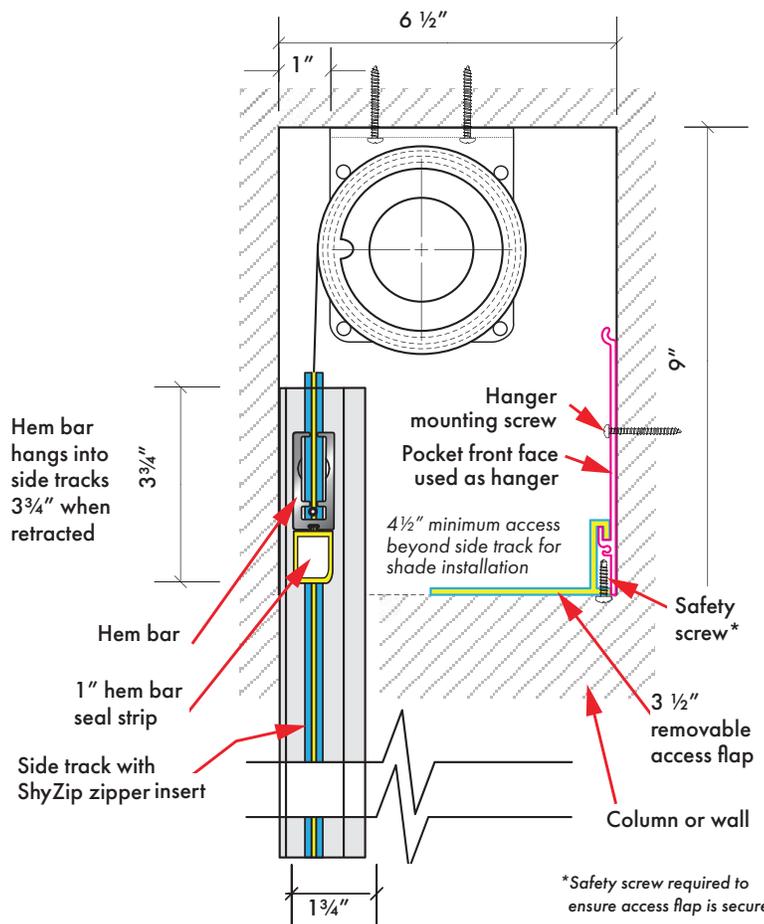
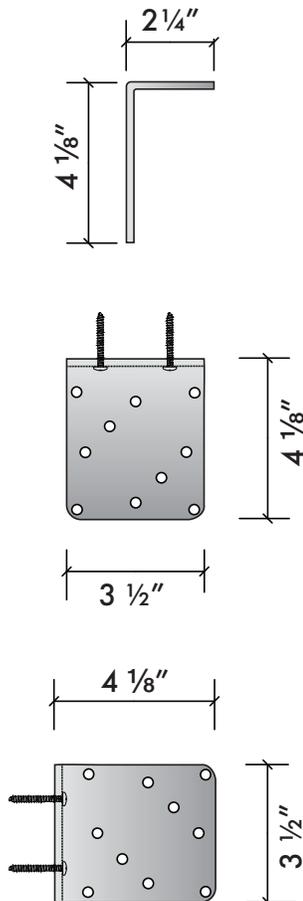
- Shown with recessed side tracks
- Shade access can be provided by removable access panel on bottom or front of pocket.\*

\*Shade access becomes more difficult with concealed side tracks and pocket application. Larger pocket depth is required to enable shade installation. There are many ways to detail shades into new construction. Please refer to Oasis 2900 New Construction Detailing Guide for more information (download at insolroll.com).



Custom site-built pocket with 5 1/2" x 5" clear opening

Universal Shade Brackets



\*Safety screw required to ensure access flap is secure

# SHY® Zip Fabric Guide System

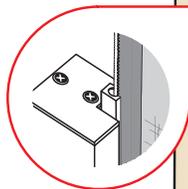
## Zipper-captured Fabric System



2900 shade in site-built pocket with recessed side tracks



5" x 5 1/2" extruded aluminum head box



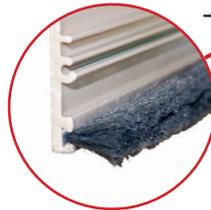
Side track with ShyZip insert

Weighted aluminum hem bar

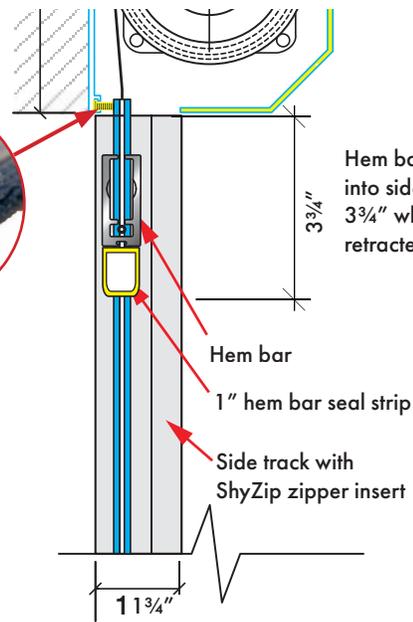


1" hem bar seal strip flexes and compresses to seal uneven surfaces.

All hardware options available with side track



Pile top seal behind screen



Hem bar hangs into side tracks 3 3/4" when retracted

Hem bar

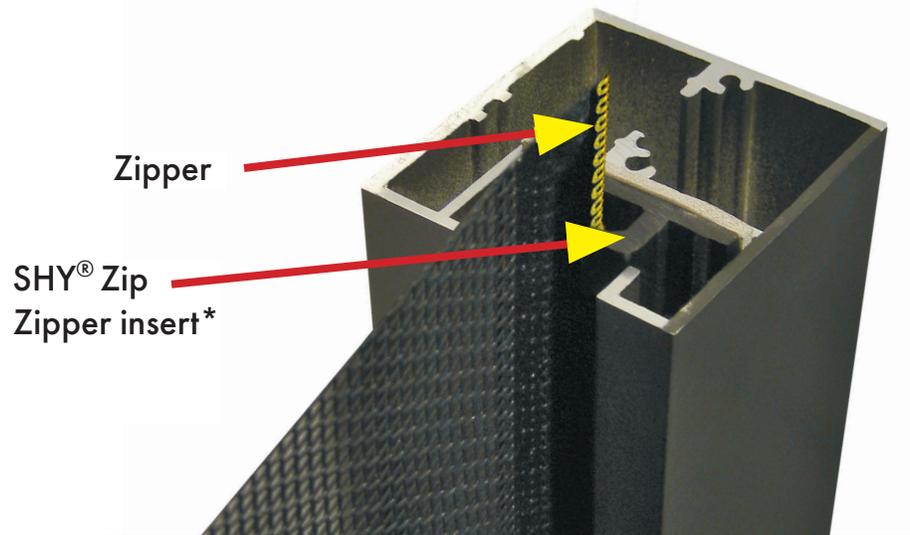
1" hem bar seal strip

Side track with ShyZip zipper insert

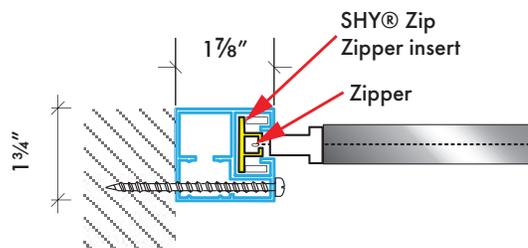
11 3/4"

Oasis 2900 Hardware colors	White	Bronze	Tan	Black
	White	Bronze	Tan	Black

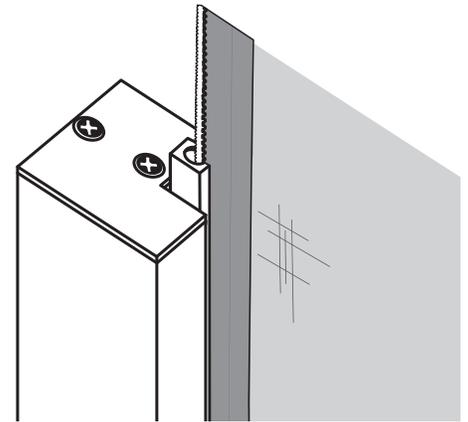
Note: Extruded Pocket and Exterior Flap and Hanger available only in White or Bronze.



Side-mounted side tracks



Side mount

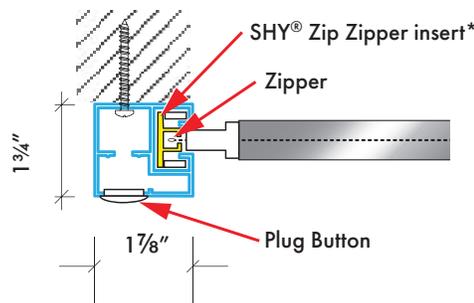


Side track with ShyZip zipper insert

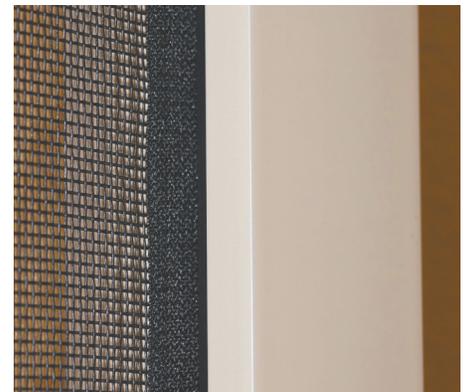
Note: Side tracks pre-drilled for surface or face mount unless otherwise specified.



Face-mounted side tracks with matching plug buttons



Face mount



Zipper-captured fabric edge in side track

\*SHY® Zip is a product of SHY Co., Ltd. of Japan and distributed exclusively in North America by its authorized sub-licensees.

# Detailing Options

for New Construction Projects

## Recessed Side Tracks in U-Track



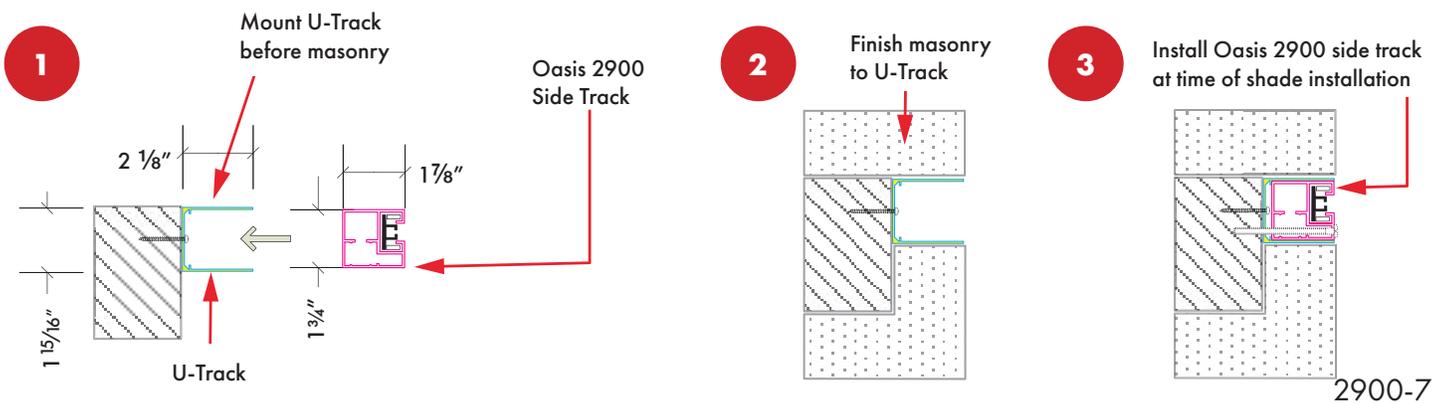
- U-Track is 1/2" wider than side track
- When detailing U-Track with stucco, contractor may want to provide 1/4" reveal on U-Track to keep stucco out of U-Track channel
- U-Track can also be used as a solution for out-square-openings
- Please refer to *Oasis 2900 New Construction Detailing Guide* when using recessed side tracks with pocket applications. Access to install shade requires attention to detail! (download from [insolroll.com](http://insolroll.com))



U-Track with side track inserted leaves room for mounting screws.

## U-Track installation sequence

1. Mount U-Track prior to masonry
2. Finish masonry to U-Track
3. Install Oasis 2900 side track at time of shade installation





**Somfy Radio Motor Control**

**Lutron Electronic Drive Unit**

Somfy has been the international leader in motorization for outdoor shading systems for nearly 50 years. Insolroll's Quiet Radio Motor (IQM-ACR) is a 110 V AC motor utilizing a 6 N·m or 10 N·m Somfy motor depending upon shade size.

Our Technical Alliance with Lutron Electronics brings best-in-class motorized outdoor shading systems to the luxury home market. Lutron Roller 300 Electronic Drive Unit 35 V DC drive integrates seamlessly with Lutron Homeworks QS®, Radio RA2®, and Caséta® Controls.

**Additional Motor Options**

**Control Options**

- IQM-AC: 110V AC quiet bi-directional motor with 4-wire hardwire switch control
- IQM-485-AC: 110V AC power input and data cable connection to digital network. Ideal for large home automation and building control applications.

- Simple wireless switches and transmitters for stand-alone applications, RadioRA® 2 or Caséta® wireless lighting control systems
- Complete integration with Lutron HomeWorks®



Indoor wireless Radio Wall Switch (available with 1, 2, 3, 4, or 5 channels)

Outdoor radio transmitter (single- channel or 5-channel)

MyLink wifi app control for iOS, Android, and integration devices

RF Dongle Radio Receiver

Pico® Wireless Remote Control Transmitter

Tabletop pedestal for Pico Remote

Oasis 2900 should be detailed to provide a minimum of 1/4" clearance beyond any obstruction for the hem bar. Some installations may require building out the side tracks and aluminum head box.

## 1

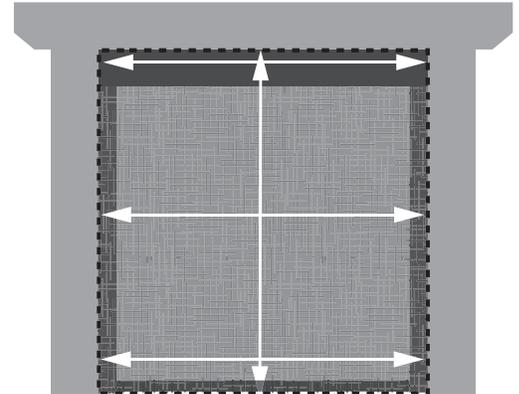
### Shade Measuring

--- Order size

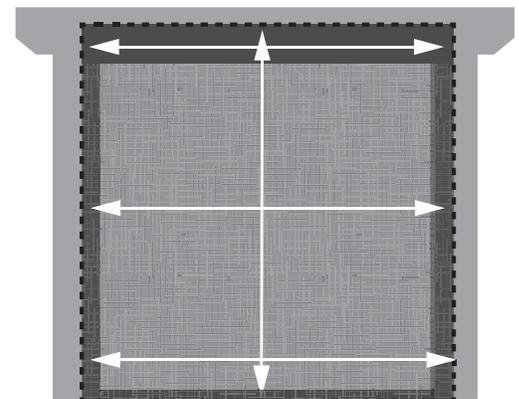
- Width** Order size is outside bracket to outside bracket (outside track width to outside track width)
- Measure top, middle and bottom of opening. Use the smallest width.
  - Factory will take 1/8" deduction for inside mount with Oasis 2900 head box (no deduction made on Oasis 2900 exposed roller bracket system).
  - Tolerances are very tight!

- Height** Order size is from top of head box or mounting bracket to bottom of side track.

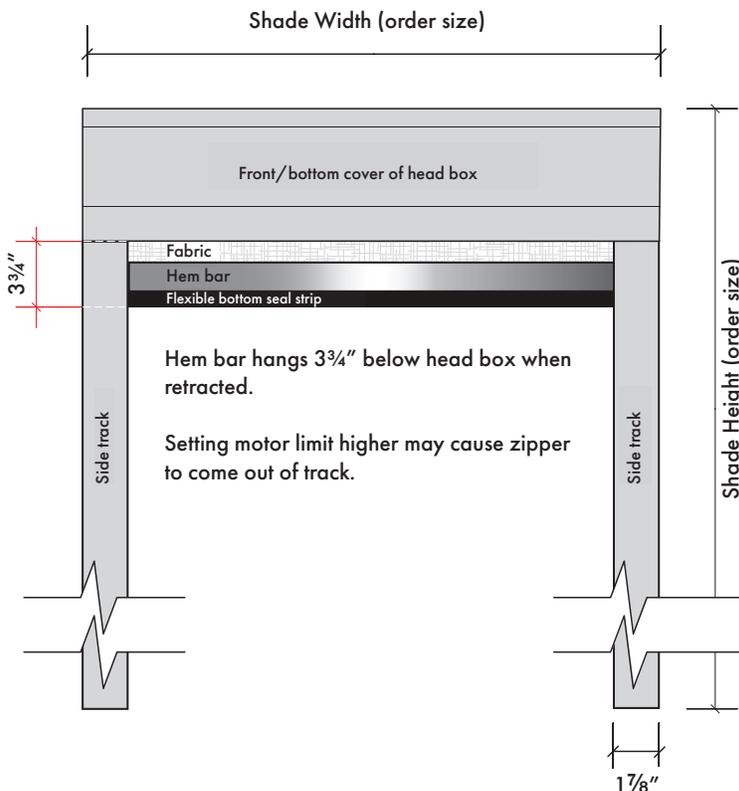
- Hem bar drop and obstructions**
- Note hem bar hanging 3 3/4" below head box or pocket if a specific clear opening is desired.
  - Look for railings, mouldings, protruding masonry, etc. that could interfere with lowering of the shade.



Inside mount



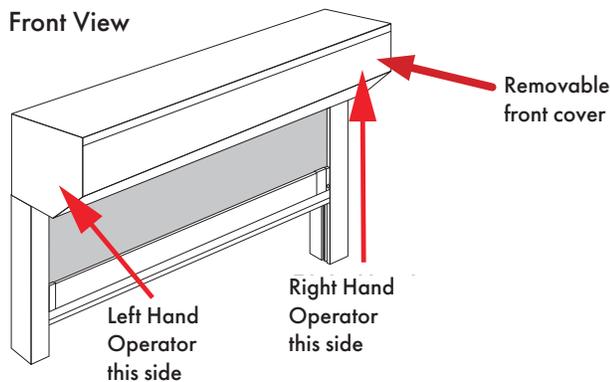
Outside mount



## 2 Operator Handing

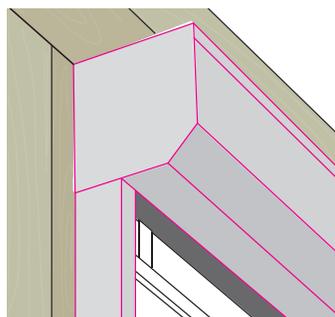
### Right or Left

Note: Handing is determined by looking at the front side of the head box.

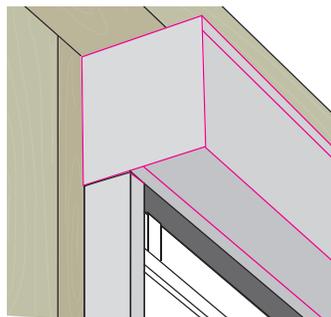


## 3 Roller Enclosure

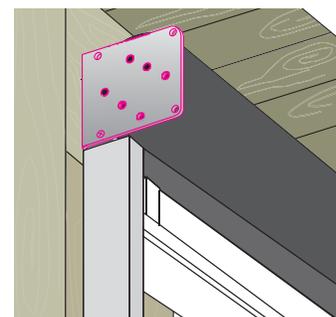
Choose from:



5" x 5½" Extruded Aluminum Head box



5" x 5½" Extruded Aluminum Pocket



Site-built Pocket

## 4 Fabric Guide System

### ShyZip® Side Track

Choose Track mount:

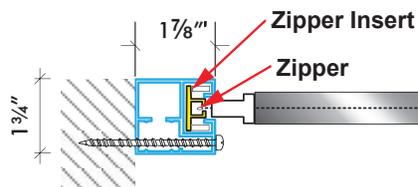
- Inside mount
- Surface mount
- Recessed mount with U-Track

1. Tolerances are tight! In order for hem bar to drop into tracks as designed, side tracks must be:

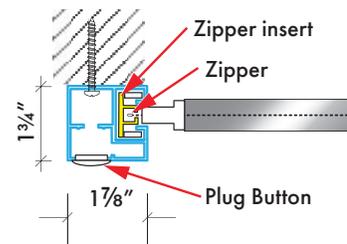
- Plumb
- Parallel
- In-plane



Built-in Oasis 2900 with recessed sidetrack in masonry columns.



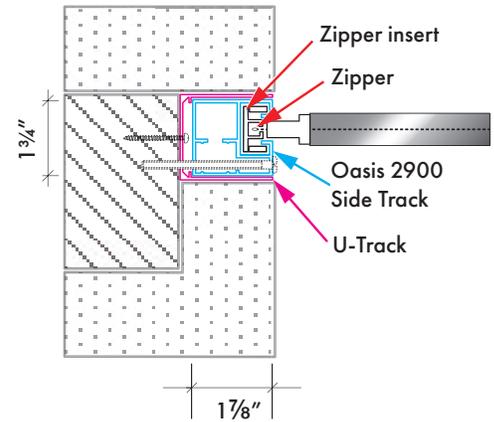
Side mount



Face mount

**U-track for optional recessed mount**

1. For projects requiring recessing side track into masonry column, install U-Track prior to masonry installation.
2. For projects requiring recessing side track into wood, finish carpentry may be required after installation to trim out as desired.
3. Order width will be outside U-Track width minus  $\frac{1}{2}$ ".



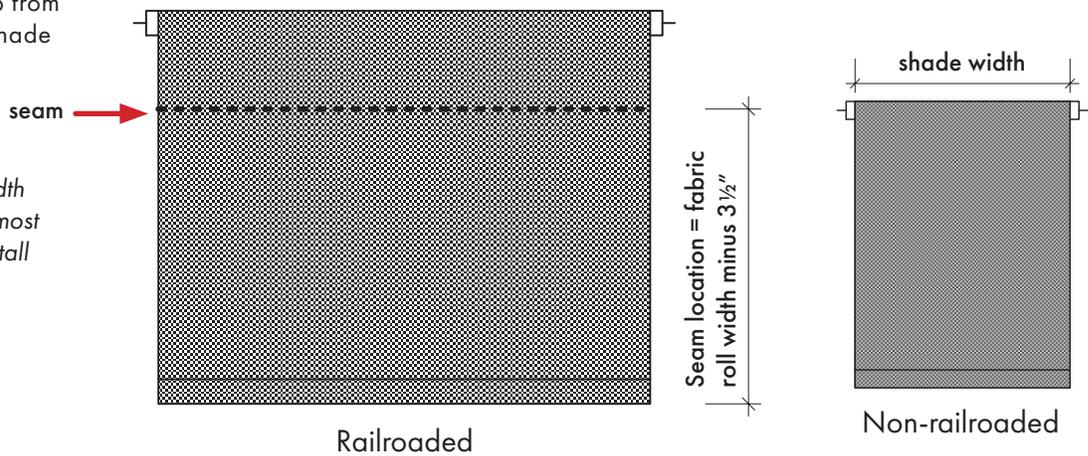
Recessed mount with U-track

**5 Large Railroaded Shades**

**Seam locations**

- Fabric roll width minus  $3\frac{1}{2}$ "
- Measure up from bottom of shade

Note:  
Specify wide-width fabrics to avoid most visible seams on tall wide shades.



**6 Floor Slope**

Note: Oasis 2900 shades have a flexible seal strip on bottom of shade. Openings with more than  $\frac{3}{4}$ " variance may require other floor leveling techniques (by others).

**Notes:**