

SERIES SI

SCREEN SYSTEMS

PRODUCT DATA SHEET



Extra protection from the elements.

Solar Innovations® offers a wide variety of screen systems that differ in functionality, frame color, screen type and size, giving you endless possibilities to enhance our doors, windows and structures. Allow a fresh breeze to emanate throughout your space without being bothered by pesky insects, while reducing the glare from harsh sunlight. Our screen systems are constructed of an extruded aluminum frame with mitered and keyed corners for added strength. They are designed to complement your window and door system with matching sitelines and finishes.

FEATURES

PANELS:

- Operations: folding, swing, fixed, sliding and retractable
- Mesh insect screen material
- Mullions can be inserted to stabilize frame & create a larger panel
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

HARDWARE:

- Custom manufactured operable hardware
- Roller assemblies designed to minimize and simplify panel maintenance
- Zero-maintenance extruded aluminum hinges with stainless steel pins
- Multiple hardware styles and finishes

OPTIONS

FINISHES:

- Standard finishes
 - AAMA 2604 - 2605 paint
 - AAMA 611 Class I Clear Anodized, Dark Bronze Anodized
- Custom finishes
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Wood veneer
 - Dual color or dual finish options

ACCESSORIES:

- Folding screens with integrated swing doors
- Drain sills available
- Pet screen/door options

SCREEN TYPES

FOLDING & STACKING

Folding and stacking screens mimic the flow of their glass door counterparts. Folding screens are hinged and fold left or right to be flush against a wall, while stacking screens are individually operated with top hung panels. Just as with glazed folding doors, operable swing door panels can be integrated into the door units to provide an entrance. Folding and stacking screen panels can also be used to create an outdoor room in place of a glass sunroom or pool house, allowing you to enjoy nature without bothersome insects.

Folding and stacking screens are available in all of our standard finishes and screen options. These are smooth, non-pleated screens that can be used in most project applications.



SLIDING

Sliding screens are generally used on large openings, most commonly on the exterior of sliding glass doors. The panels of this system can be pocketed into a wall cavity, be center split, or stack to the left or right when fully open.

A common application of a sliding screen system is to create protected outdoor space like a screened porch.

SWINGING

Solar Innovations® traditional screen doors are available in both outswing single, as well as French door configurations. The screen door is constructed from an aluminum frame which mimics the sitelines of our swing doors.

For a consistent look, both the screen and swing door can utilize the same handle style. The hinges used on our screen doors are the same as the ones in our hurricane-rated folding door system, which prevents rust and potential operation issues. There are five types of screens to choose from and the frames are available in all of our standard and designer finishes. Sizes range up to 42" W x 120" H for terrace doors and up to 84" W x 120" H for French doors.



FIXED

Fixed screens are used on casement, awning, hopper, tilt turn, and sliding glass windows. This type of screen is the typical selection for residential and commercial applications and is attached in a stationary position. Fixed screens can be easily removed for cleaning.

These screens can also be placed on the interior of an operable skylight or ridge vent to protect from insects. For casement and awning windows, screens are typically placed on the inside of the frame, closest to the interior space. Screens on tilt turn and hopper windows are placed on the exterior side since the window opens to the interior. Sizes range up to 96" W x 192" H.

SCREEN TYPES

B SERIES RETRACTABLE

B Series Screens are a pleated screen suited for larger openings. These screens consist of either a single or double panel configuration, and have the capability to meet on a 90° corner to enclose a space with only one visible, vertical division. This screen can be paired with folding doors, sliding doors, French doors, lift slide doors, or screen rooms.



C SERIES ECOSCREEN

C Series EcoScreens combine the functionality of both an insect screen and privacy shade. The unit is available in an all-screen configuration, an all-blind configuration, or a combination blind and screen unit. The blinds and screens are retracted from vertical cassettes on both sides of the opening and feature an anti-slam mechanism. The blind portion of the unit can also function as a projector screen for your home theater system.



G SERIES RETRACTABLE — SHEER

Solar Innovations® offers a retractable screen with a stylish, pleated material that can be operated with one hand. Units may include one to six panels and can be parted at any vertical rail. G Series Screens have an ADA compliant sill track and are available in several frame finish options. These screens can typically be designed to match the vertical rail alignment of the door system they are complementing, minimizing siteline interruptions.



G SERIES RETRACTABLE — MILANO

A retractable door screen can be easily integrated into either a single door or French door opening. The screens can be either a single unit that pulls left to right or a double panel which joins in the middle and then retracts back to the framing. Our Milano screens are held together in the center with industrial strength magnets. Screens allow users to easily pass from inside to outside and can be stopped at any point on the track with the anti-slam feature. Several frame finishes and sizes are available that will suit most openings.

SCREEN TYPES

S SERIES RETRACTABLE

S Series Screens are vertically retractable screens that provide the ability to enjoy the outdoors while being protected from pests. S Series Screens feature a specialty zipper system which guides the fabric within the track and prevents insects from entering. The zipper system can also prevent sunlight from entering the room if black out fabric is selected.



W-V SERIES RETRACTABLE

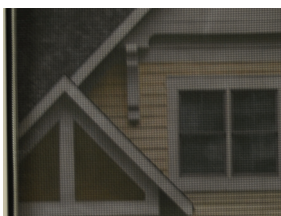
W-V screens are a horizontally retractable system that allow for unobstructed views without any visible frames, pull bars or seams. They are capable of screening openings up to 336" W x 132" H. Operable with just a single hand, these durable screens are made with a wind and pet resistant mesh.

W-H SERIES RETRACTABLE

W-H screens are a horizontally retractable system and can be paired with a wide array of door types. A single screen can open up to 252", or paired with an opposing screen to double the protection to 504". This system features an auto-stop function that can stop anywhere along its track, allowing for easy access.



FABRIC OPTIONS



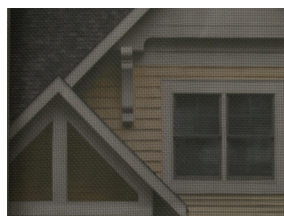
Charcoal Mesh Screen



Pet Screen



Clear Advantage Screen



Charcoal Aluminum Screen



Aluminum Screen

CONFIGURATIONS

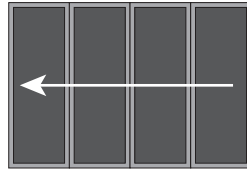
Additional configurations are available.

FOLDING



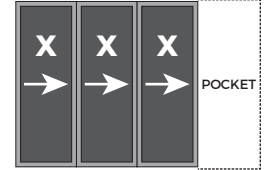
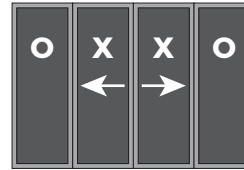
Maximum panel size:
36" W x 180" H

STACKING



Maximum panel size:
48" W x 192" H

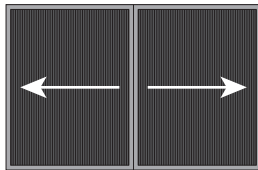
SLIDING



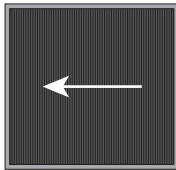
Maximum panel size: 60" W x 180" H

Sliding screens are available in multiple configurations, including pocketing.

B SERIES RETRACTABLE



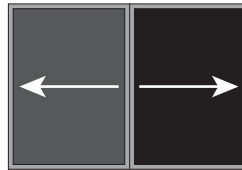
Maximum Double Screen Size:
344" W x 126" H



Maximum Single Screen Size:
177" W x 126" H

Please note: Acceptable sizes vary depending on height and width.

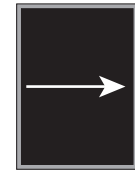
C SERIES ECOSCREEN



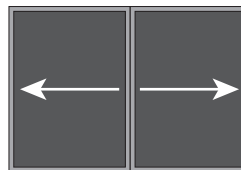
Combined:
144" W x 90" H



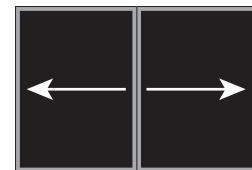
Single Insect Screen:
144" W x 125" H



Single Eco Shade:
144" W x 90" H

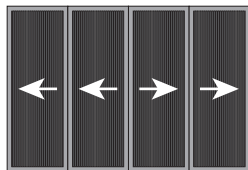


Double Insect Screen:
288" W x 125" H



Double Eco Shade:
288" W x 90" H

G SERIES RETRACTABLE — SHEER

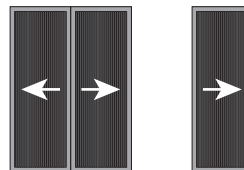


Maximum Combined Screen
Panels Per Opening:

3 from right / 3 from left = 6 total panels

Maximum Per Panel Size: 63" W x 125" H

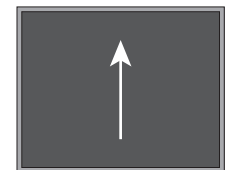
G SERIES RETRACTABLE — MILANO



Maximum Size Double: 108" W x 100" H

Maximum Size Single: 60" W x 100" H

S SERIES RETRACTABLE



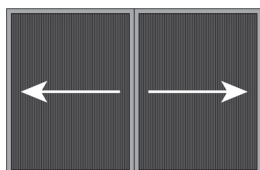
Maximum Sizes:

240" W x 192" H*

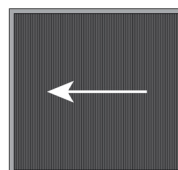
Please note: Acceptable sizes may vary depending on height and width.

*Fabric seam location will depend on fabric type.

W-V SERIES RETRACTABLE

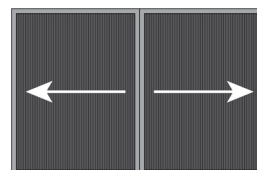


Maximum Double Screen Size:
336" W x 132" H

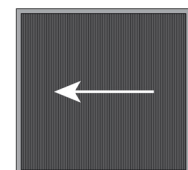


Maximum Single Screen Size:
168" W x 132" H

W-H SERIES RETRACTABLE



Maximum Double Screen Size:
504" W x 132" H



Maximum Single Screen Size:
252" W x 132" H









Learn More

To find out more about the features and options of our Screen Systems, visit our website at solarinnovations.com/screen-systems/

FRAME FINISH OPTIONS

FOLDING, STACKING, SLIDING, SWINGING AND FIXED

Paint AAMA 2603 (5 year warranty). Finishes available while in stock.



SI Black

SI White



SI Sandstone

SI Natural Clay

SI Bronze

SI Hartford Green







Anodized Additional cost



Class I Clear Anodized

Dark Bronze Anodized

Powder Coat Solids STANDARD - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*



Black
FRSL 11618

White
FRSL 83247











Sandstone
FRSL 46647

Natural Clay
FRSL 47591

Bronze
FRML 97138

Hartford Green
FRSL 32872

Powder Coat Solids PREMIUM - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*



Apollo White
FRSL 82908

Bone White
FRSL 82909

Ivory
FRSL 46646

Seawolf
FRSL 46645

Fashion Gray
FRSL 74652

Colonial Gray
FRSL 74653

Charcoal
FRSL 74654



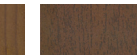






Antique Bronze
FRSL 46648

Burgundy
FRSL 62496

Military Light Blue
FRSL 21709

Visit <https://www.ifscatings.com/content/assets/1/1/loads/brochures/IFS-Architectural-Digital-Color-Card.pdf> for additional metallic and anodic finishes

Decoral Finishes (Powder Coat)*



Knotty Pine 2103
DS 716 Textured
DS 402 Smooth

Douglas Fir 1501
DS 716 Textured
DS 402 Smooth

Acacia 1001
DS 716 Textured
DS 402 Smooth

Cherry 1402
DS 716 Textured
DS 402 Smooth

Acacia 1001
DS 733 Textured
DS 403 Smooth

Oak Assi 2501
DS 733 Textured
DS 403 Smooth





Cherry 1402
DS 733 Textured
DS 403 Smooth

Dark Walnut 1802
DS 733 Textured
DS 403 Smooth

Teak 2601
DS 706 Textured
Mahogany Finish

National Walnut 1806
DS 706 Textured
Mahogany Finish

Wood Veneering (Unfinished) STANDARD*



Douglas Fir




White Oak

Walnut

Honduran Mahogany

Note: wood veneering is for interior applications only. Available on a limited basis due to vendor supply.

Wood Veneering (Unfinished) PREMIUM*






Ponderosa (White) Pine

Pecan Pine

Cherry

B SERIES RETRACTABLE






Black

Grey

Pearl White

C SERIES ECOSCREEN








White

Bronze

Clear Anodized

G SERIES RETRACTABLE — SHEER



White





Black

Adobe

Brown

Tan

G SERIES RETRACTABLE — MILANO







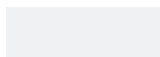




White

Brownstone

Desert Tan

Adobe

S SERIES RETRACTABLE



Mocha

Brown

Ivory

Bronze

White





Black

Grey

Taupe

Green

W-V SERIES RETRACTABLE








White

Black

Bronze

Clear Anodized

W-H SERIES RETRACTABLE



White

Black

Bronze

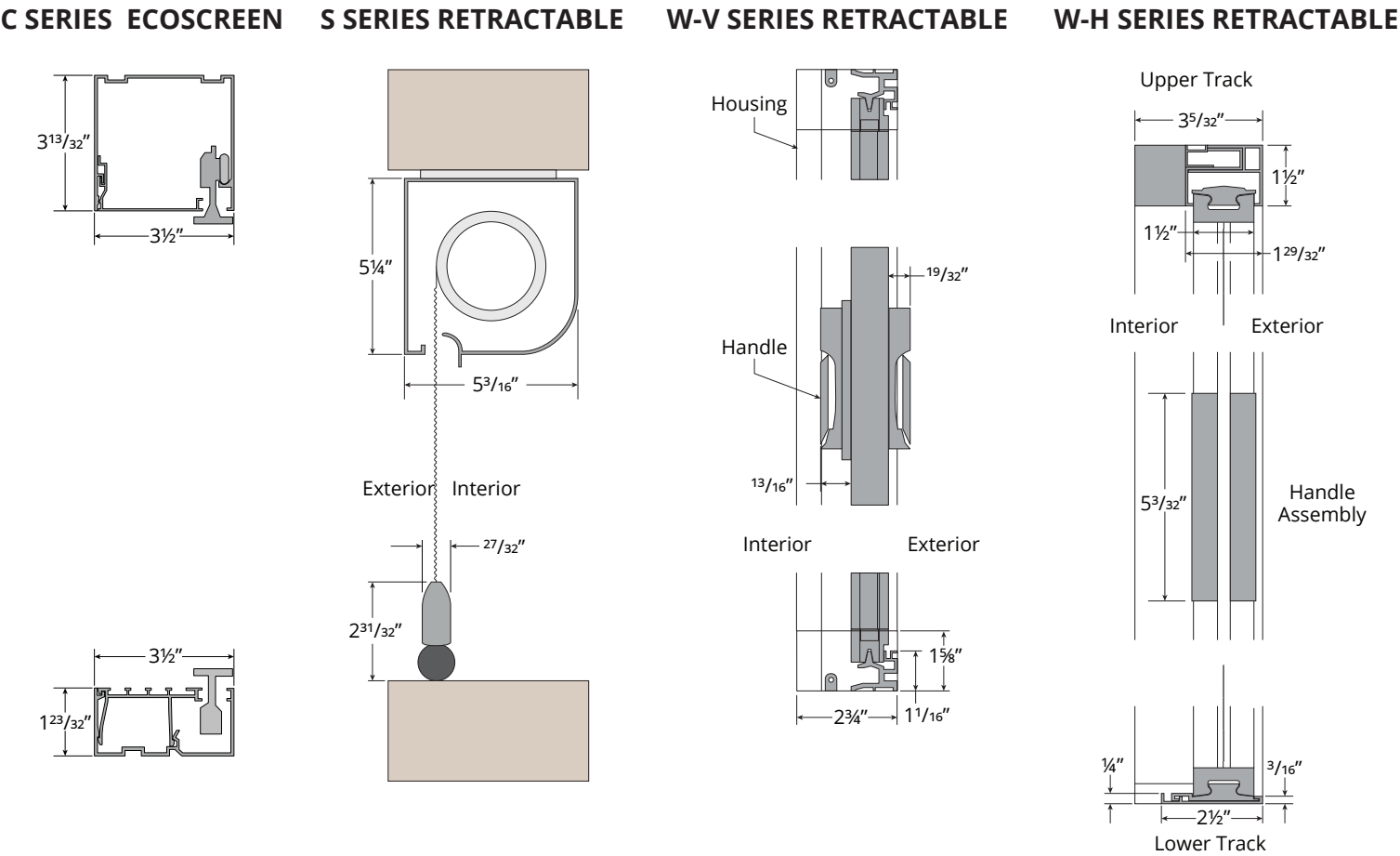
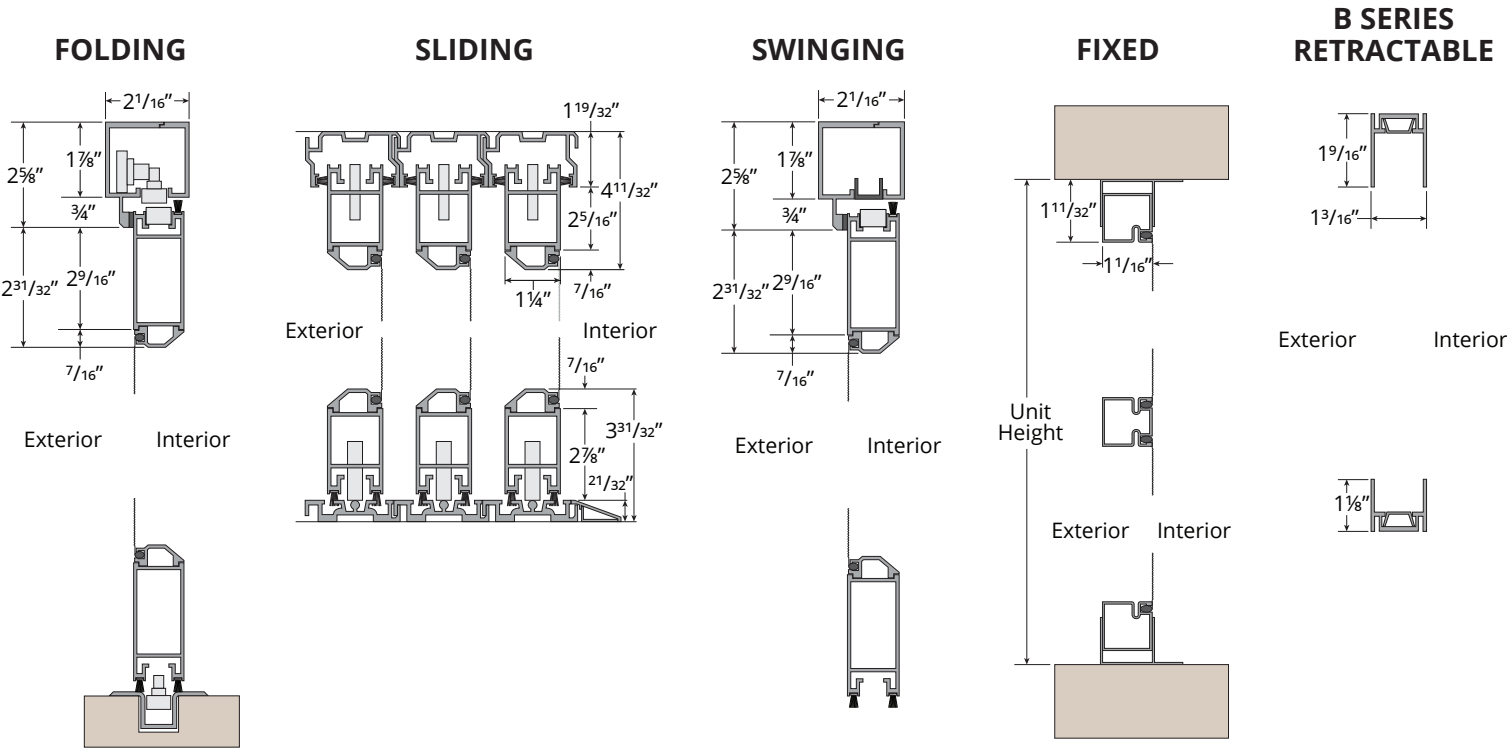
Clear Anodized

Sandalwood

Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations® to receive samples. All product and finish options are subject to vendor availability. Solar Innovations® reserves the right to discontinue any option at any time without notice. Additional options, including custom color matches, are available; contact a Solar Innovations® sales designer for details.

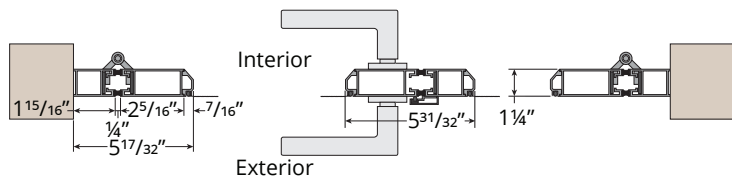
solarinnovations.com | 800 618 0669 | 31 Roberts Road, Pine Grove, PA 17963 | Rev 2.2.23

HEAD & SILL DETAILS

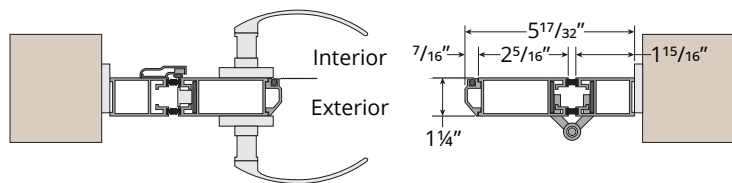


JAMB DETAILS

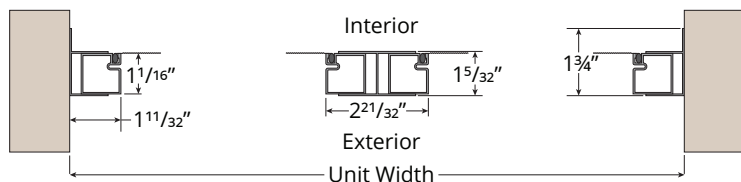
FOLDING



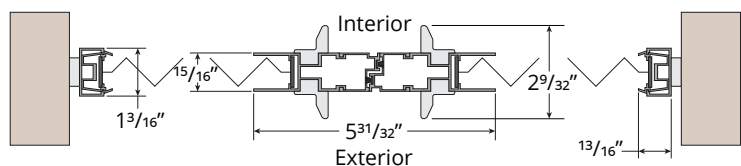
SWINGING



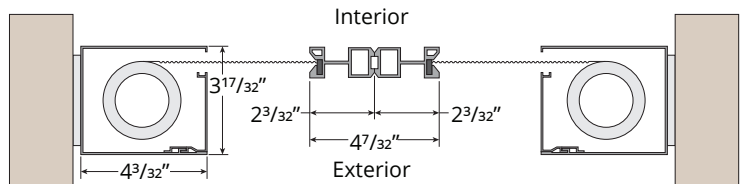
FIXED



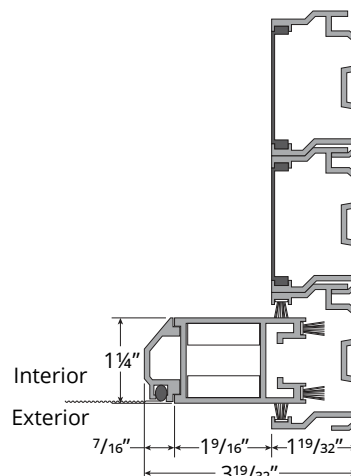
B SERIES RETRACTABLE



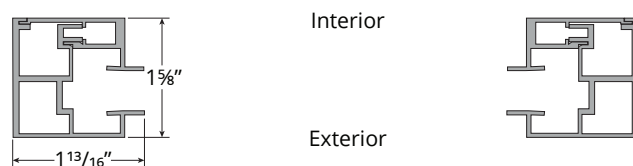
C SERIES ECOSCREEN



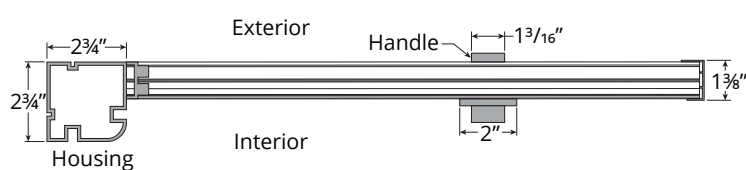
SLIDING



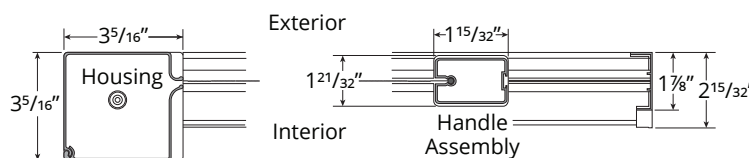
S SERIES RETRACTABLE



W-V SERIES RETRACTABLE

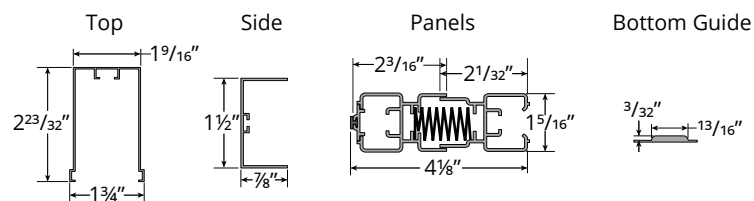


W-H SERIES RETRACTABLE



COMBINED DETAILS

G SERIES SHEER



G SERIES MILANO

