

LIFT SLIDE DOORS

SERIES SI8600LS



Smoother operation. Better performance.

Series SI8600LS Lift Slide Door Systems are a high performance alternative to traditional sliding glass doors. Controlled with a simple turn of the wrist, the handle lifts the panels up off the track to move with great ease. This door can be opened with one hand and closed with just the push of a finger. Once the panels are in place, turning the handle once more reseals the door and provides security and superior air, water, and thermal performance.

FEATURES

PANELS

- Nearly unlimited number of sliding panels
- Endless configurations possible
- Standard finishes: AAMA 2603
 - Bronze, White
 - Class I Anodized: Clear, Dark Bronze
- Thermally enhanced utilizing thermal strut and thermal fill & debridge
- Impact panel size up to 5' x 10'; Non-Impact panel size up to 6' x 12'; larger panel options may be available depending on application
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

HARDWARE

- Multi-point locking hardware
- Custom manufactured operable hardware
- Multiple hardware styles and finishes available

OPTIONS

- Designer finishes
 - AAMA 2603: Hartford Green, Black, Natural Clay, Sandstone
- Custom finishes
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Wood veneer, metal cladding, and foiling options
 - Dual color or dual finish options
- Pocketing and no post configurations available
- Matching fixed transoms & sidelites
- Screen options: folding, sliding, retractable
- Multiple sill designs
- Factory installed weep holes, if required
- Mullions, decorative muntins, simulated divided lites (SDLs), interior & exterior grids
- Designed to accommodate almost any insulated, laminated, decorative, polycarbonate, or solid panel infill of 1 1/4" and 1 3/8"
- Custom tinted and decorative glazing available

LIFT SLIDE DOOR SYSTEMS

HARDWARE



Handles



Atlanta
Handle / Handle

Finish Options



Satin Nickel

Dark Bronze Metallic



Handle / Finger Grip
Option



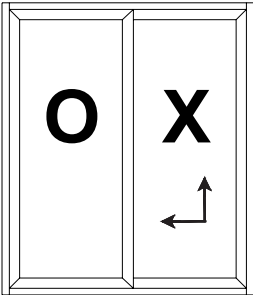
Finger Grip

Additional handle styles, colors, and back plate options available upon request. Non-standard handle options may increase lead times and/or cost. Hardware available in Keyed Exterior Handle with Thumbturn Interior Handle, Exterior Handle with Thumbturn Interior Handle, Handle Interior with Finger Grip Exterior, and Removable Handle.

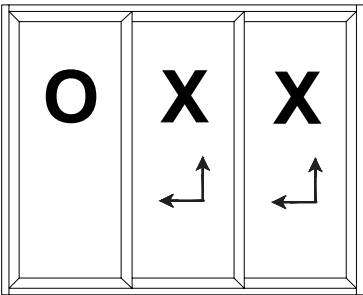
Please Note: All hardware is subject to vendor availability. Custom finishes may be available upon request at additional lead time and/or cost. Solar Innovations® reserves the right to discontinue any hardware option at any time. Please be sure to visit our website for additional product information: www.solarinnovations.com

CONFIGURATIONS

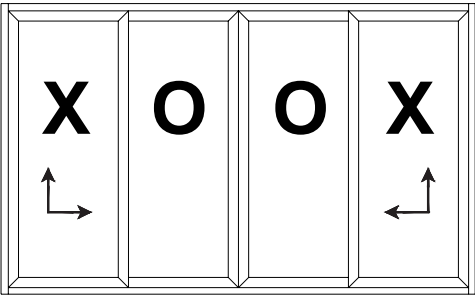
Additional configurations are available.



OX | XO | XX



OXX | XOO | XOX | XXX



XOOX | OXXO | XXXX | ...XXXX...

TESTING

Air & Structure Impact Testing						
PANEL SIZE	AIR INFILTRATION AT 1.57 PSF (25MPH)	AIR INFILTRATION AT 6.24 PSF (50MPH)	WATER PENETRATION	DESIGN PRESSURE	UNIFORM LOAD STRUCTURAL TEST	IMPACT & CYCLING
115" H x 60" W	0.02 CFM/FT²	0.07 CFM/FT²	12 PSF	± 75 PSF	± 112.5 PSF	± 70 PSF

NFRC Certified U-Values		
SIZE	GLASS MAKE-UP	
	LoE 272 / Clear	LoE 366 / LoE i89
115" H x 120" W	0.40	0.35

Acoustical Testing			
TEST NO.	GLAZING	STC	OITC
F3157.01A1	1-1/4" IG (1/4" Annealed, 3/4" Air Space, 1/4" Annealed)	32	25

Please Note:
Testing and performance results may vary depending upon sill, size, and hardware selections. Please be sure to visit our website at www.solarinnovations.com or contact your Solar Innovations® representative for additional product information.

FINISH OPTIONS

Stock Finishes



SI White



SI Bronze



Class I Clear Anodized



Dark Bronze Anodized

Designer Finishes



SI Black



SI Sandstone



SI Natural Clay



SI Hartford Green

Metal Cladding



Copper



Lead Coated Copper




304 Stainless Steel #4 Satin Cladding




304 Stainless Steel #8 Mirror Cladding


Faux Wood Finishes




Acacia 1001
DS 716 Textured
DS 402 Smooth




Acacia 1001
DS 733 Textured
DS 403 Smooth




Douglas Fir 1501
DS 716 Textured
DS 402 Smooth



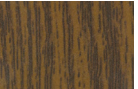
Cherry 1402
DS 716 Textured
DS 402 Smooth



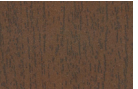
Knotty Pine 2103
DS 716 Textured
DS 402 Smooth



Cherry 1402
DS 733 Textured
DS 403 Smooth



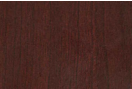
Oak Assi 2501
DS 733 Textured
DS 403 Smooth



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)




White Oak



Birch



Mahogany



Southern Yellow Pine



Northern White Pine



Red Oak



Spanish Cedar



Western Red Cedar



Douglas Fir



White Maple

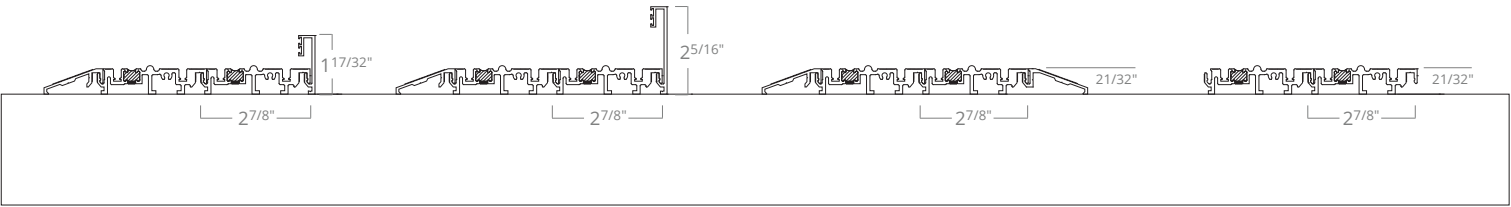
Please Note: Depending upon color selection, additional charges and increased lead times may apply. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations® to receive 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 match, are available; contact Solar Innovations® for details.



Learn More

To find out more about the features and options of our Lift Slide Doors, visit our website at solarinnovations.com/lift-slides/

Sill Options



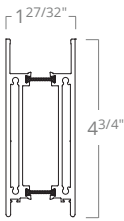
High Performance Thermal Sill

Extra High Performance Thermal Sill

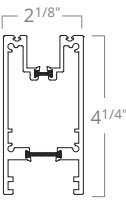
Low Profile Thermal Sill with Ramps

Low Profile Thermal Sill

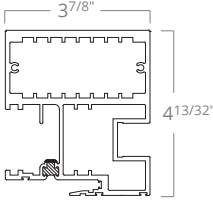
Vertical & Horizontal Rail Options



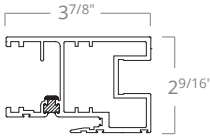
Bottom Rail



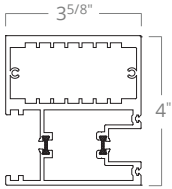
Handle Rail



Hurricane Hook Rail



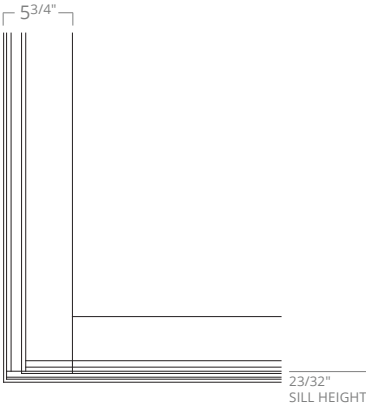
Hook Rail



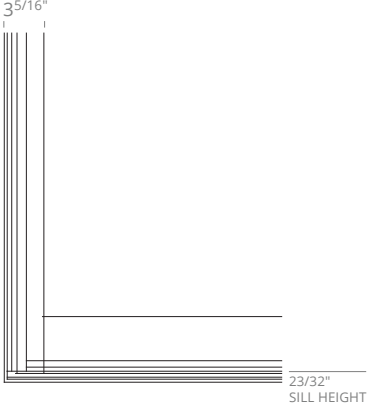
Hurricane Flush Rail

Jamb Details

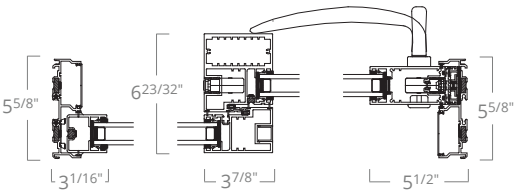
Handle Jamb



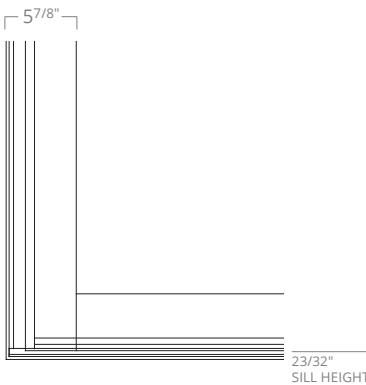
Flush Jamb



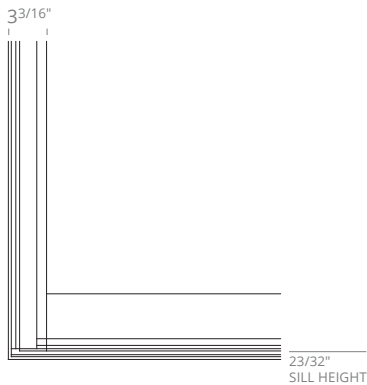
Hurricane Hook Rail / Standard Jamb



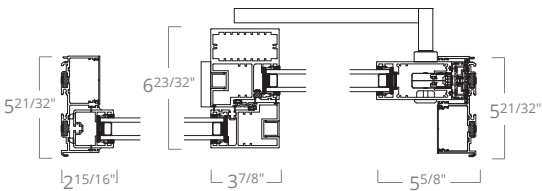
High Deflection Handle Jamb



High Deflection Flush Jamb



Hurricane Hook Rail / High Deflection Jamb



Options dependent upon desired size and engineering requirements.