

TOP HINGED WINDOW SYSTEMS

SERIES SI3000V



Fresh air never looked so good.

Series SI3000V thermally enhanced aluminum top hinged windows are useful in both commercial and residential applications. They have been incorporated into restaurants, enclosed porches, pool houses, and covered patios, just to name a few. The thermal frame is used on exterior applications where the windows will be affected by wind and rain. The room will be well protected from extreme weather conditions by coupling the thermal frame with LoE glazing. Utilizing LoE glass reduces the amount of UV rays that enter a room. This allows for a more even, comfortable temperature in the room. Fading of furnishings and window treatments are also reduced with LoE tinted glass. These systems are manually operated.

FEATURES

FEATURES:

- Outswing operation
- Manually operated
- Maximum panel size 8' x 4'; larger sizes may be available pending engineering approval
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Thermally enhanced utilizing thermal strut
- Zero-maintenance extruded aluminum hinge with stainless steel pin

GLAZING:

- Accommodates monolithic and insulated glazing infills from 3/16" to 1 1/18"

HARDWARE:

- Low profile handles
- 180° two point locking handles
- Semi-concealed hinges
- Custom hardware available upon request

OPTIONS

FINISHES:

- Standard finishes
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- 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, & foiling options
 - Dual color or dual finish options

ACCESSORIES:

- Sill drain tubes available if required
- Muntins, SDLs, interior and exterior grids available
- Matching fixed transoms and sidelites
- Decorative mullions available

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HARDWARE



Handles



Pull Handle with Guard



Two Point Locking Handle

Hinges



Semi-Concealed Hinge

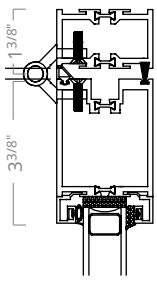
Shocks



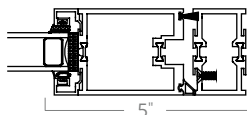
Gas Spring with Increased End Damping

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

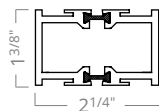
VERTICAL AND HORIZONTAL RAIL OPTIONS



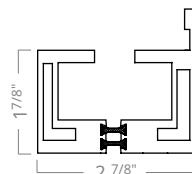
Head



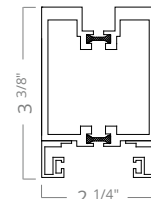
Jamb



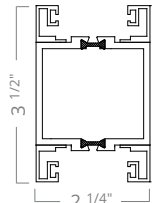
Outer Frame



Standard Sill

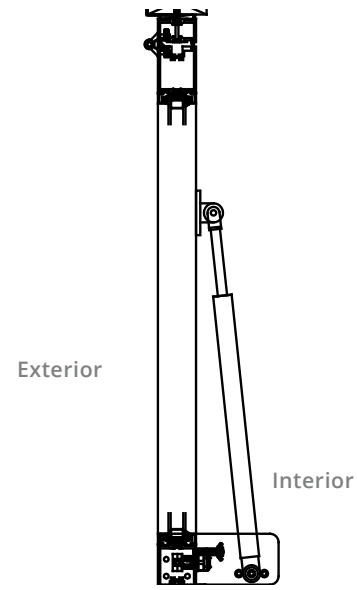
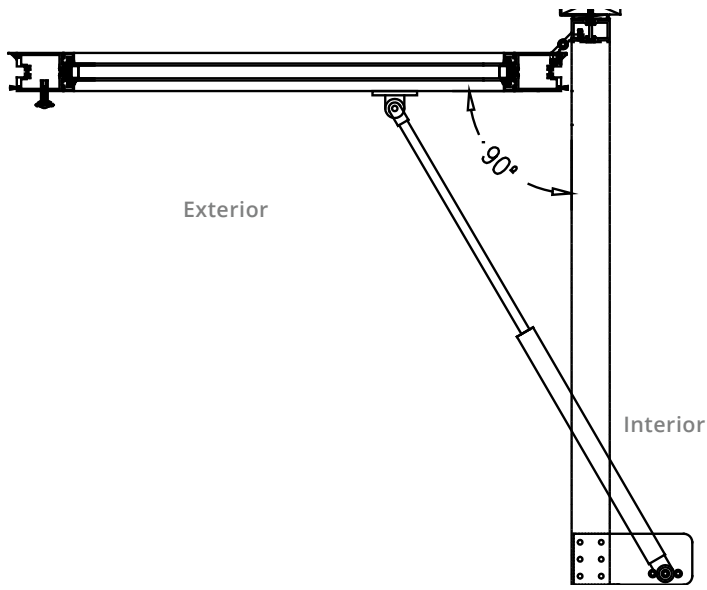


Standard S13350



Standard Mullion

STANDARD DETAILS



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



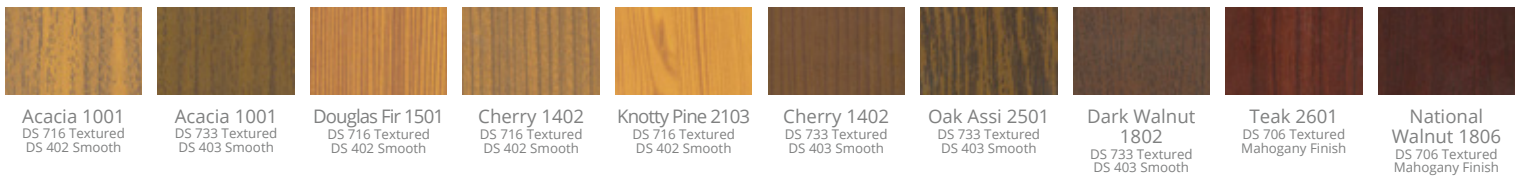
Copper

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

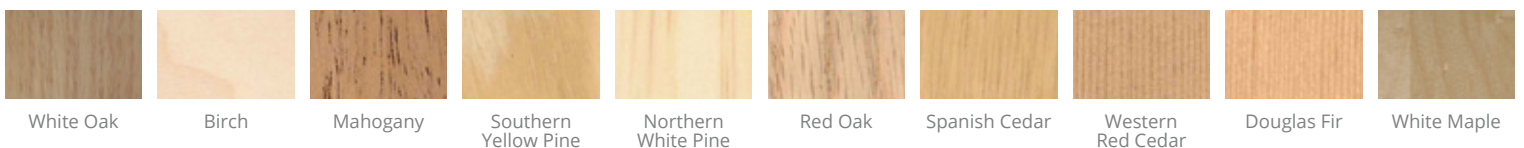
Oak Assi 2501
DS 733 Textured
DS 403 Smooth

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.