

# TOP-HINGED WINDOW SYSTEMS



## Open wide!

The unique design of the top-hinged window system maximizes the entire opening, allowing the user to fully utilize the entire space. These manually-operated windows open and close effortlessly with the assistance of gas springs, that also hold the unit in place when fully opened. These thermally-enhanced aluminum windows feature the same two-point locking mechanism and sill found in our popular Folding Glass Wall systems. They make an excellent choice as a pass-through between indoor and outdoor spaces.

## FEATURES

### OPERATION:

- Outswing operation
- Manually operated

### FRAMING:

- Frame width: 3 $\frac{3}{8}$ "
- Maximum panel size 8' wide x 4' tall; larger sizes may be available pending engineering approval
- LEED friendly system including recycled content

### HARDWARE:

- Low profile handles
- 180° two point locking handles
- Extruded aluminum hinge with stainless steel pin

### GLAZING:

- Monolithic and insulated glazing infills from  $\frac{3}{16}$ " to  $1\frac{1}{8}$ "

### PERFORMANCE:

- Thermally enhanced utilizing thermal strut

### FINISHES:

- Standard AAMA 2603 paint finishes: Black, White, Sandstone, Natural Clay, Bronze and Hartford Green
- AAMA 611 Class I anodized finishes: Clear, Dark Bronze
- Standard AAMA 2605 powder coat finishes: Black, White, Sandstone, Natural Clay, Bronze and Hartford Green
- Premium AAMA powder coat finishes
- Custom finishes:
  - Fluoropolymer (50% or 70%): AAMA 2605
  - Faux wood (Decoral)
  - Dual finish — interior/exterior applications

### OPTIONS:

- Wood veneer or metal cladding
- Manufacturer-installed sill drain tubes, if required
- Mullions, decorative muntins, simulated divided lites (SDLs), interior and exterior grids

HARDWARE



Handles



Low Profile Handle



Two-Point Locking Handle

Hinges



Semi-Concealed Hinge

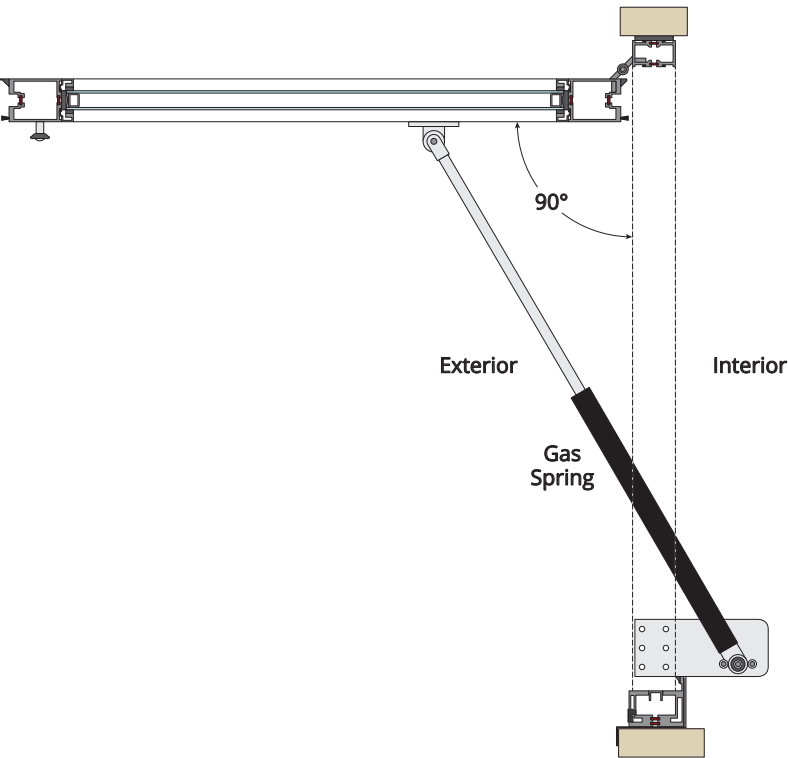
Shocks



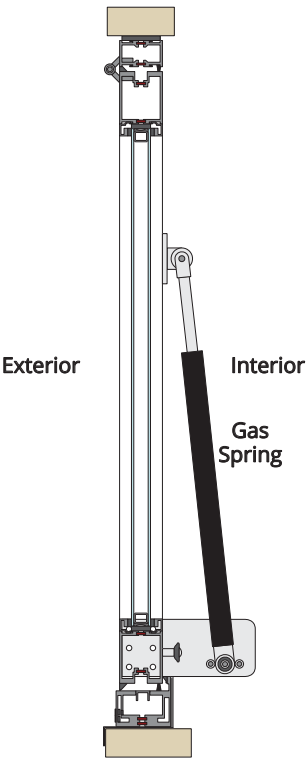
Gas Spring with Increased End Damping

**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](http://www.solarinnovations.com)

STANDARD DETAILS

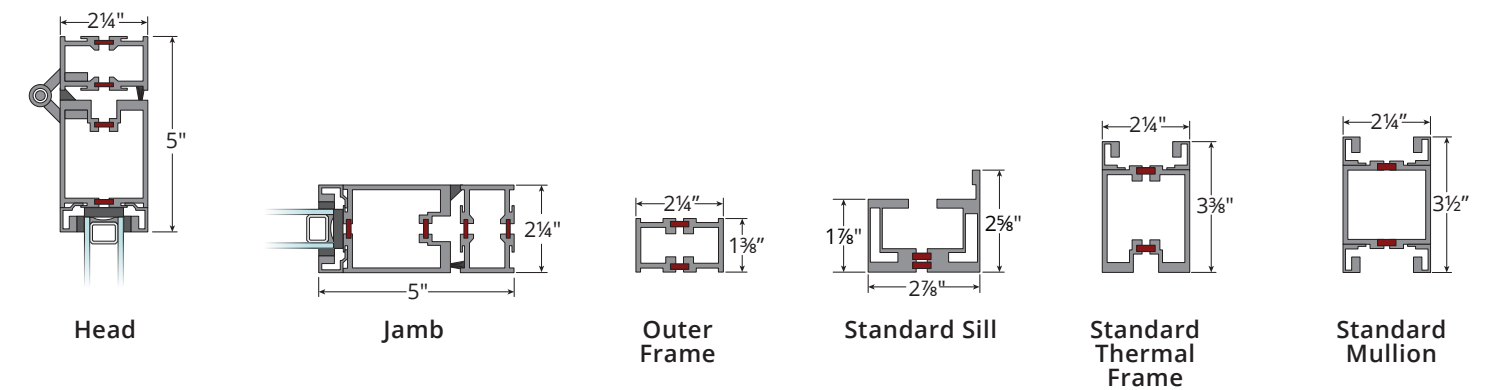


Open Position



Closed Position

# VERTICAL AND HORIZONTAL RAIL OPTIONS



# FINISH OPTIONS

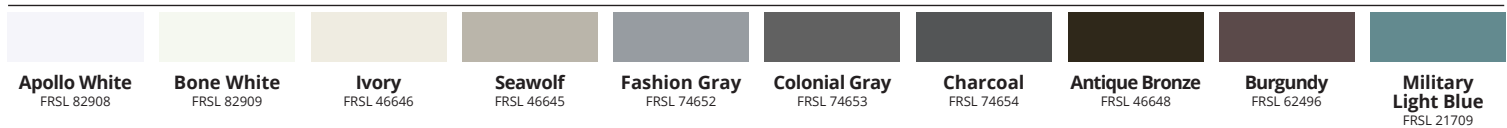
**Paint** AAMA 2603 (5 year warranty). Finishes available while in stock.



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



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



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

**Metal Clad** STANDARD\* (EXTERIOR ONLY)



**Metal Clad** PREMIUM\*



**Decoral Finishes (Powder Coat)\***



**Wood Veneering (Unfinished)** STANDARD\*



**Wood Veneering (Unfinished)** PREMIUM\*



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

\*Lead times subject to availability. \*\* Special order.

Note: Depending upon color selection, additional charges and increased lead times may apply. Extended warranties and service plans are available for an additional charge. Examples are shown as accurate as photography and printing processes allow. Final finish selection should be made from a physical sample; contact Solar Innovations® for samples. 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.