# SCW4000 Series



## Product

- Frame depth 4"
- Nominal 0.08" wall thickness
- AW-PG70
- STC 28-51
- OITC 22-42
- U-Value 0.35-0.58

## Configuration

- Vertical Sliding
- Horizontal Sliding
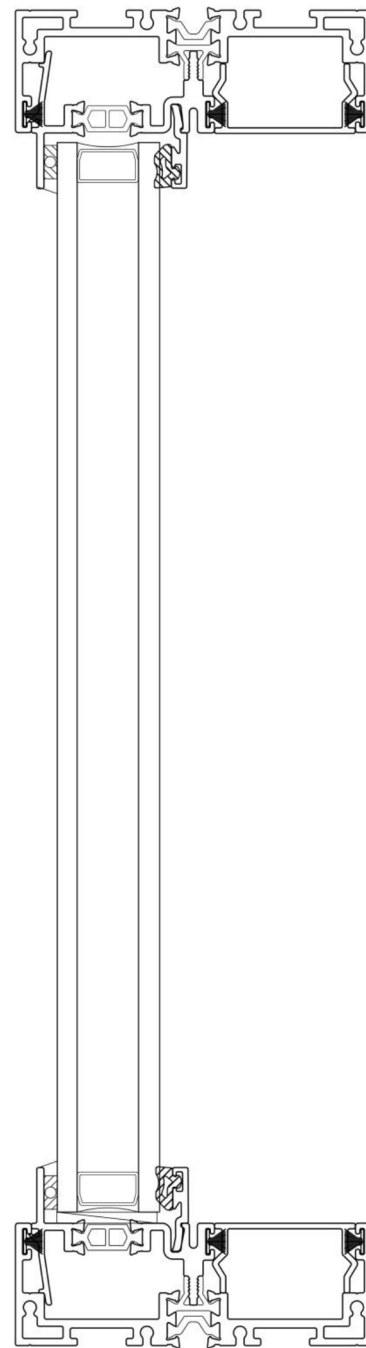- Fixed

## Applications

- All purpose
- Acoustic
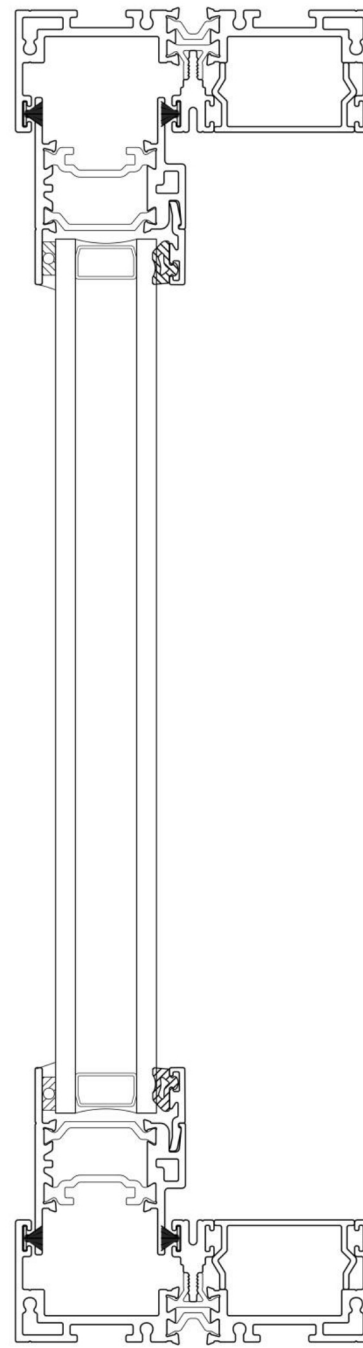- Impact

## Features

- Frame depth 4"

- Nominal 0.08" wall thickness

- 6063-T6 Aluminum alloy

- Thermal barrier: PA-66 Insulbar structural strut

- Weather stripping: Integral 5-fin 100% woven pile for minimal air infiltration

- Extruded aluminum corner keys provide joint strength and alignment

- Integral weep system for superior water penetration resistance

- Spring-loaded automatic lock for operable sash rail

- Sash rollers adjustable for easy operation and stainless steel axles to carry maximum sash weight

- High performance 70% Kynar (AAMA 2605) paint, Class 1 anodized finishes

- Vertical or horizontal mullion options to meet design specifications and for added strength

- Exterior profiles customized for specific historic requirement

- Class 5 balances for hung configurations allow for oversize sash weight

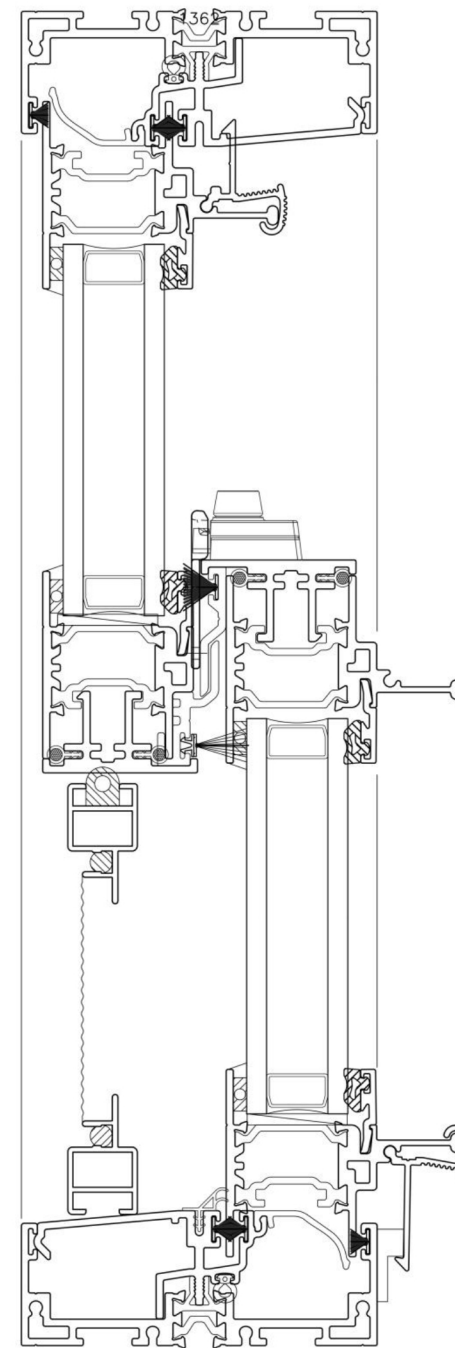- Optional automatic retractable insect screen

## Glazing

- 1"- 1¼" overall thick IG glass, factory glazed

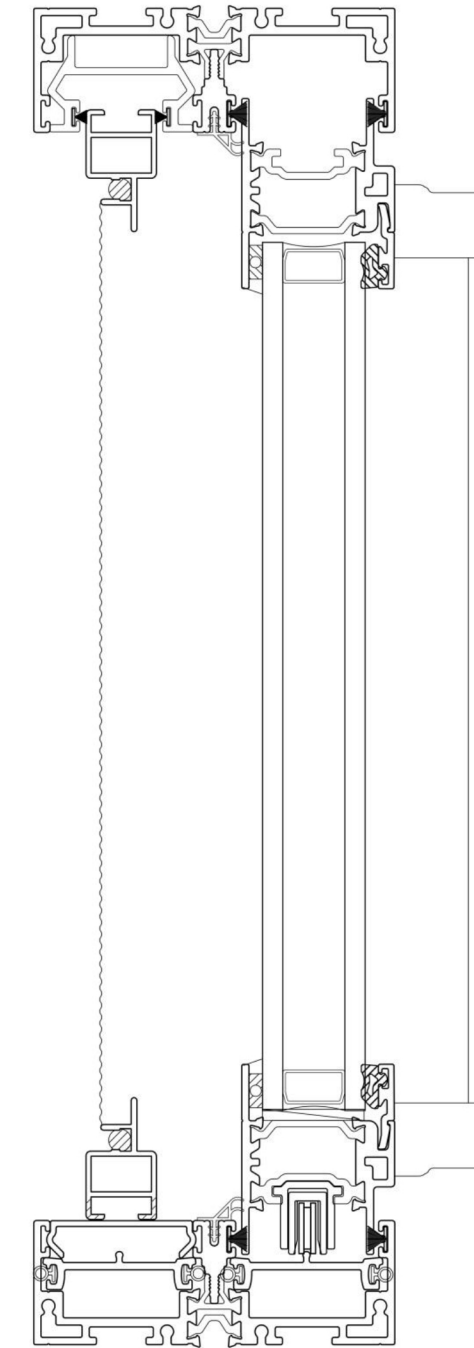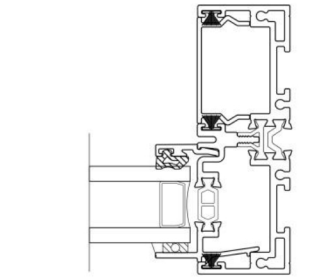- Glazing pocket adjust for ¼", ⅜", or ½" acoustic glazing

4060 Fixed
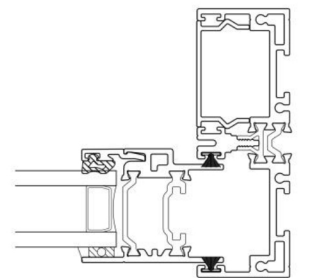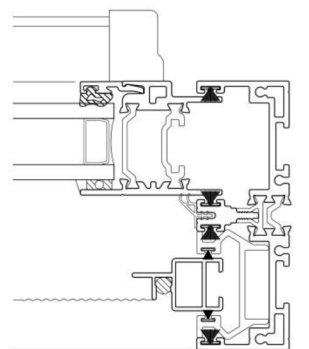
4060 Simulated Fixed

4020 Vertical Sliding

4040 Horizontal Sliding

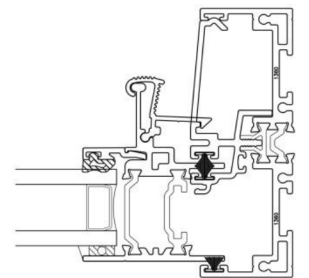4060 Fixed

4060 Simulated Fixed

4020 Vertical Sliding

4040 Horizontal Sliding

## Performance Data

| SCW4000 | Thermal | | Acoustic | | Air Infiltration at 6.24 lbf/ft$^2$ | Water Penetration | Uniform Load Deflection | Condensation | | Forced Entry Rating | AAMA Rating | Test Size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U Value | SHGC | STC | OITC | | | | CR | CRF | | | |
| Vertical Sliding | .35-.58 | .12-.54 | 28-44 | 22-37 | .019 cfm/ft$^2$ | 12.00 psf | 70 psf | 43-45 | 60 | Grade 10 | AW-PG 70 | 60" x 99" |
| Horizontal Sliding | .35-.58 | .12-.54 | 34-44 | 26-35 | .04 cfm/ft$^2$ | 10.00 psf | 70 psf | 42-44 | 60 | Grade 10 | AW-PG 50 | 99" x 60" |
| Simulated Fixed | .24-.56 | .12-.54 | 32-51 | 26-42 | .01 cfm/ft$^2$ | 12.00 psf | 70 psf | 42-47 | 65 | Grade 10 | AW-PG 70 | 60" x 99" |

*Results will vary based on frame and glazing options.*
*For most current information, details, and elevations, visit www.stcloudwindow.com or contact your sales representative.*
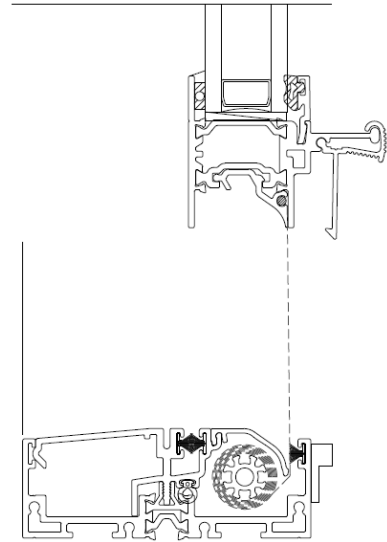
# SCW4000 Series

## Optional Features

- **Profiles:** Exterior panning in custom shapes, interior trims, and mullions
- **Glazing:** High performance, double, and triple insulated glass as well as tints, low-e, tempered, and laminated
- **Finish:** Anodized or high performance paint finishes, unlimited colors, dual/split colors and finishes
- **Accessories:** Simulated divided lite muntin grids, installation speed clip, rail fins, acoustic seals
- **Screens:** Standard, retractable, and exterior screen option
- **Hardware:** Pinch and sweep lock options in several finishes



Optional automatic retractable insect screen



4020 Vertical Sliding

Additional option details available at: www.stcloudwindow.com/products