

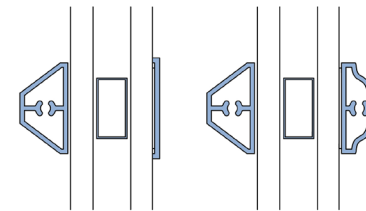
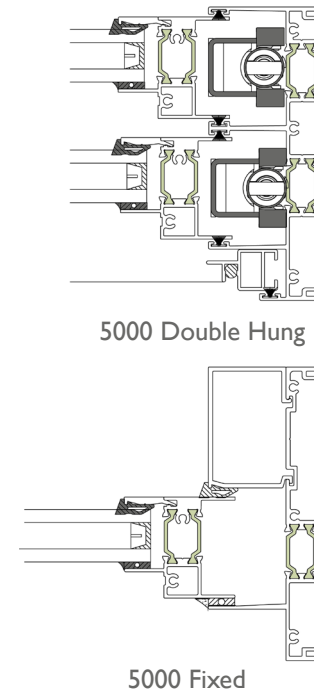
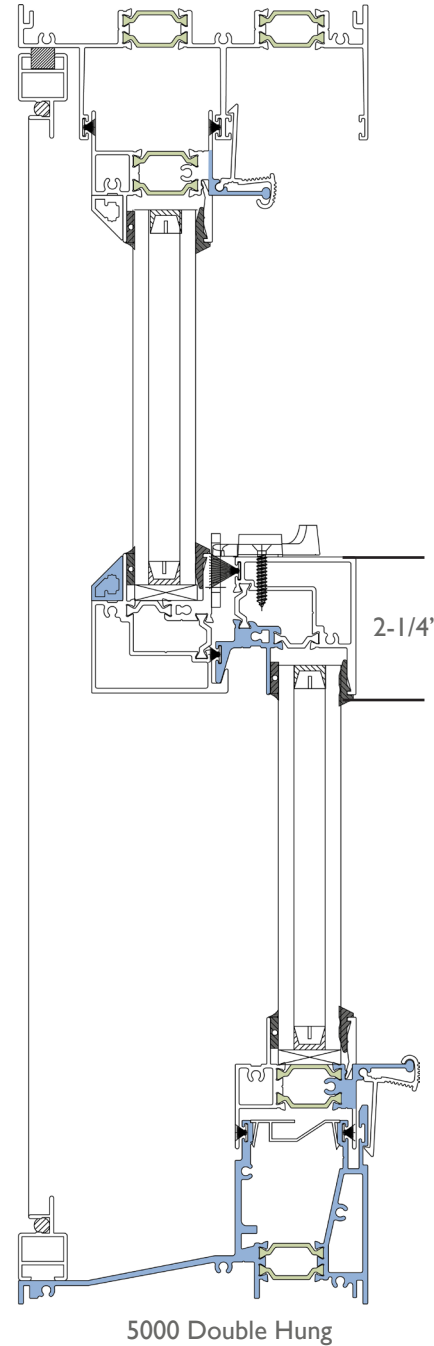
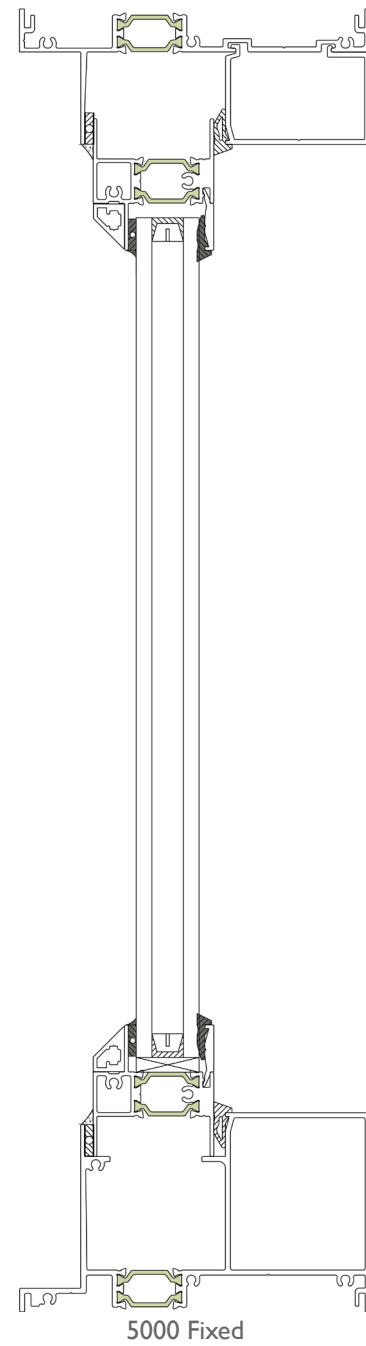
st. cloud window

**Series 5000 - 4-1/2" and 5-1/2"
Hung, Fixed**



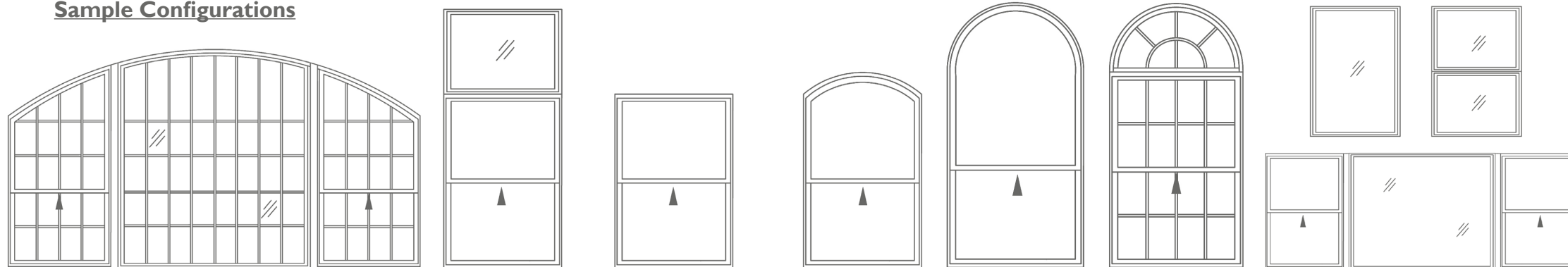
Product Features

- Class 5 Balances With ECO Carrier® by Caldwell
- Large, Double Thermal Break I-Strut
- All Sash Have Weather-stripping
- Customizable Exterior Sash Profiles
- Narrow Meeting “Check” Rail Sight Line
- Lower Sash Check Rail is Hidden
- Butyl PolyshimTape and Drive in Wedge Glazing Method, Factory Cap Beaded Glass
- Narrow Sill Sash Rail
- Dust Cover at Sill
- Concealed Weeps at Sill
- Integral Sash Lift Rail with Automatic Locks
- Muntin Grids in a Variety of Shapes and Dimensions
- Integral Screen Track
- Large, Tubular Screen Frame



* Details are not to scale

Sample Configurations



Benefits

- Class 5 balances allow for oversized sash; up to 160 lbs.
- Large, double thermal breaks result in a true thermally broken 2-track window with u-values as low as 0.33 as well as the ability to do split finishes.
- Double weather-stripping assures low air infiltration.
- Customizable exterior sash profiles allow accurate replication of various exterior profiles.
- Narrow meeting “check” rail sight lines accurately replicate historic wood hung windows.
- The check rail on the lower sash is hidden, an often over-looked feature when replicating historic wood windows.
- Butyl polyshim tape and drive in wedge glazing
 - Allows for proper pressure against the exterior seal.
 - Prevents water penetration.
 - Facilitates replacement of damaged glass without dismantling the sash.
- A narrow sill sash rail provides maximum open view when the sash is raised.
- The dust cover provides a clean look when the sash is open and keeps debris from accumulating in the sill.
- Wept sill offers superior water penetration resistance, tubular shape adds strength.
- Integral lift rails for raising oversize sash and automatic locks for enhanced security.
- Muntin shapes and dimensions can be articulated to specific historic requirements.
- The integral screen track allows for full height, exterior screens for true double hung operation or vertically sliding screens.
- Tubular screen frames with .062” wall thickness are the strongest in the industry.

Product Standards

- Class 5 Ultralift Balances
- Nominal .0625" Wall Thickness and 6063-T6 Aluminum
- Detachable Exterior Muntin Grids
- Extruded Fiber-reinforced I-Strut Thermal Barrier
- 6063-T6 Aluminum
- High Performance Insulating Glass
- Lift Rail Pinch Locks
- 5-1/2" Frame Depth with Full or Sliding Screen; 4-1/2" with Half Screen
- High Performance Paint and Anodized Finishes

Options

- Single hung, double hung and fixed configurations to match most historic fenestrations.
- Frames can be assembled in rectangular, arched, trapezoid, curved, round and other special shapes.
- Available finishes in anodized or high performance paint, colors are virtually unlimited. Split finishes available
- Sliding screens available in full, sliding or half sizes.
- Glazing options are monolithic, double and triple-units, tints, low-e, tempered and laminated.
- Integral exterior panning in custom shapes, interior trim and mullion options abound.
- Muntin grids are available in either true divided or simulated divided lites.

Performance Data

Air AAMA Rating @ 25 mph	.2 CFM/ft ²
Water	9 lbs.
Structural	60 psf
U-Value	.33
CR	50
Operating Force	45 lbs.
STC	n/a
OITC	n/a

* Results will vary based on frame and glazing options.



st. cloud window

www.stcloudwindow.com

800.383.9311 320.255.1513 fax

PO Box 1577

St. Cloud, MN 56302