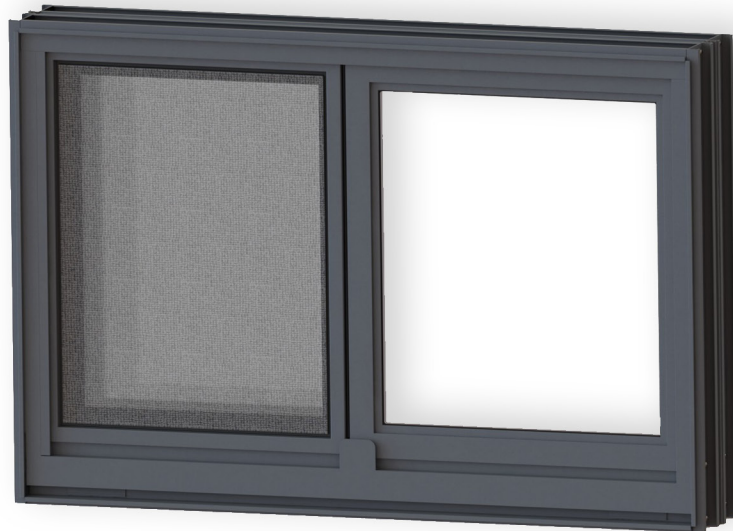


**st. cloud window**

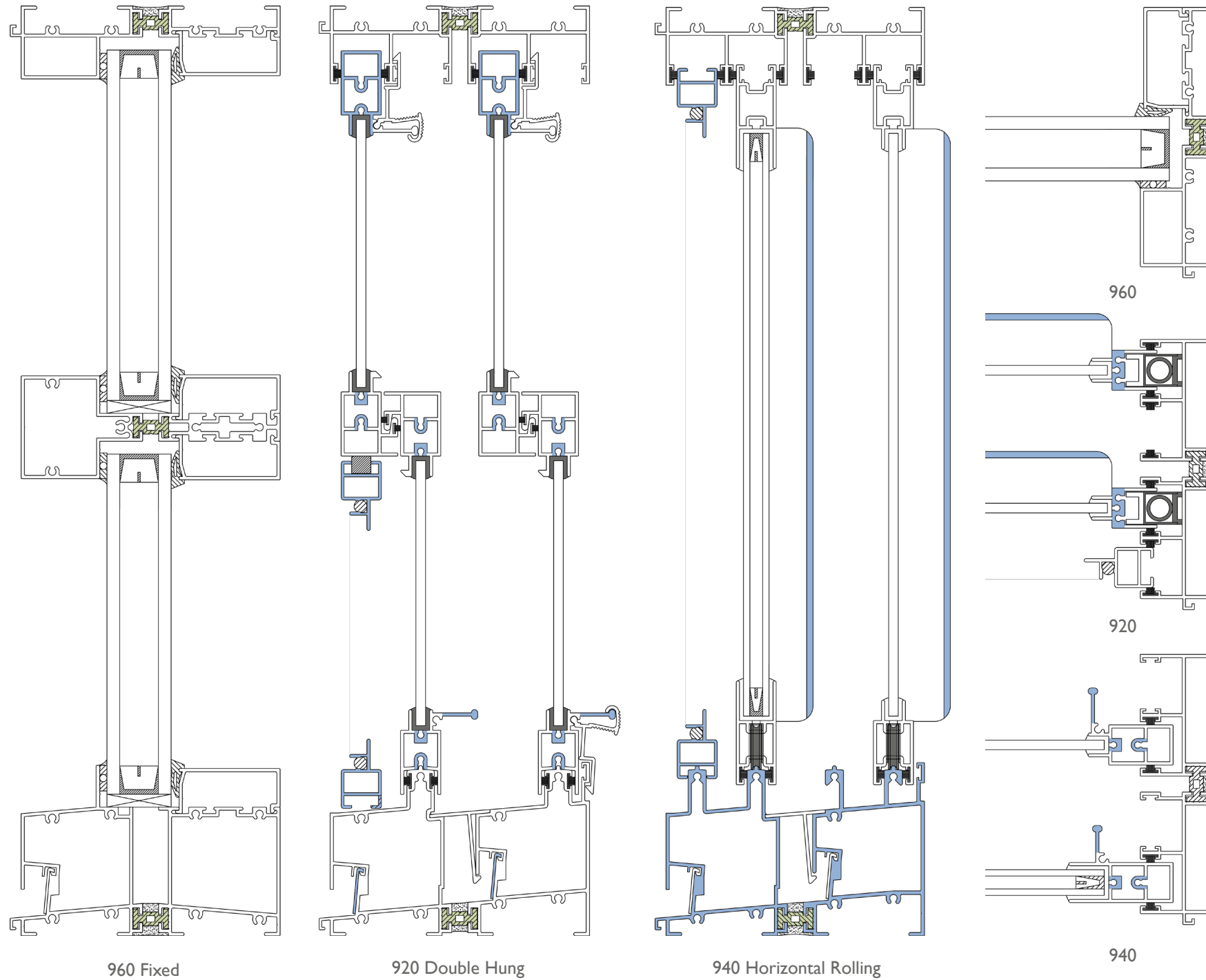
**Series 900 - 5"**  
**Rolling, Hung, Fixed**



### Product Features

- Dual Window: 2 Prime Window Frames with Independently Operating Sash
- Non-Structural Thermal Barrier
- Double Weather-stripping with Mylar Fin Seals
- Block and Tackle Sash Balances (Double Hung)
- Sash roll on Delrin® Concave Roller Wheels (Horizontal Rolling)
- Tubular Sash Members
- Marine Glazed Sash with Screw Spline Assembly
- Tubular Screen Frames
- Permanently Gasketed Frame Joinery
- Integral Sash Operating Handles
- Tubular Sill Member with 5° Internal Slope, Closed Aluminum Weep System
- Elevated Sill Rails & Recessed Delrin® Roller Wheels

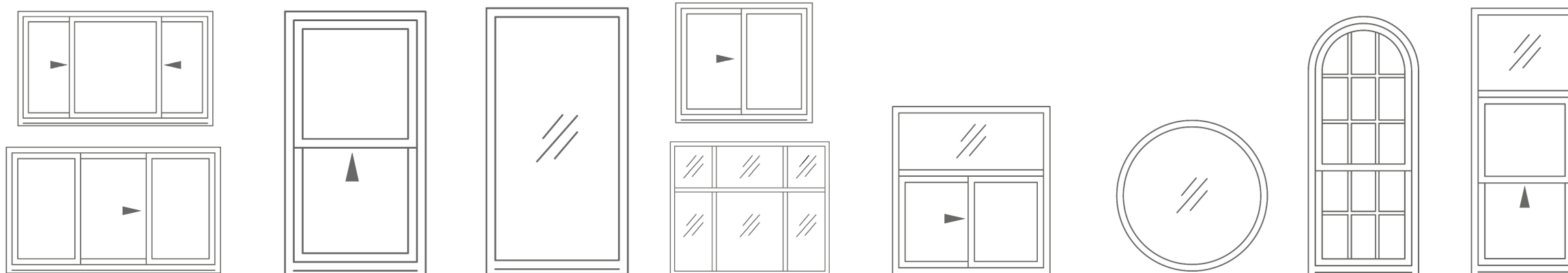
\* Details are not to scale



### Benefits

- Dual window design allows for either a single or dual finish/color selection, low air infiltration.
- Non-structural thermal barrier does not shrink or separate from the master frame.
- Double weather strip assures minimal air infiltration.
- Block and Tackle sash balances are concealed and assure easy operation of hung windows.
- Delrin® Rollers
  - Concave design is self-aligning on track for easy operation.
  - Designed to carry maximum sash weight.
  - Have no roller bearings to fail.
  - Polymer will not damage sill rails.
- Tubular sills provide exceptional protection against water penetration.
- Closed aluminum weep system provides color-matched protection that will not deteriorate in sunlight.
- Elevated sill rails protect against the effects of dirt and debris buildup which can obstruct operation.
- Dual sash and many glazing options provide outstanding acoustic and thermal performance.
- Screw spline assembly and marine glazing allows for easy repair in the event of glass breakage.
- Tubular screen frames with .062" wall thickness are the strongest in the industry.
- Screen spline allows for a variety of screen fabrics and is re-usable should re-screening be required.

### Sample Configurations



## Product Standards

- Dual Window Design
- Aluminum Frame with Extruded PVC Thermal Barrier
- 5" Frame Depth
- Nominal .062" Wall Thickness and 6063-T6 Aluminum
- High Performance Insulating Glass
- Dual Sash with Side-Loaded Insertion/Removal
- Automatic Sash Locks
- High Performance Paint and Anodized Finishes
- Insect Screens

## Options

- Double hung, horizontal rolling, fixed and fixed removable configurations.
- 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.
- Glazing options are monolithic, triple- or quad- insulating units, tints, low-e, tempered and laminated.
- Fixed units can be glazed with insulating glass panel systems or mechanical louvers, up to 4.5" thick.
- Venetian blinds are available in all window types.
- Windows are available in high performance designs for hurricane impact and acoustic performance.
- Integral exterior panning in custom shapes, interior trim and mullion options.
- Muntin grids are available in either true divided or simulated divided lites.
- High performance acoustical window options up to 10" frame depth.

## Performance Data

Air AAMA Rating @ 25 mph	.01 - .08 CFM/ft <sup>2</sup>
Water	12 lbs.
Structural	up to 80 psf
U-Value	<b>920:</b> .46 <b>940:</b> .45 <b>960:</b> .33
CRF	<b>920:</b> 66 <b>940:</b> 63 <b>960:</b> 64
Operating Force	Hung: <45 lbs.    Slider: <25 lbs.
STC	38 - 60
OITC	27 - 49

\* Results will vary based on frame and glazing options.



**st. cloud window**

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