

VINYL-COMPOSITE WINDOW SYSTEMS



An energy-efficient solution

Vinyl-composite window systems are increasing in demand in multi-family homes for their high-performance, low maintenance, and design flexibility. When closed, these windows provide outstanding thermal and acoustical performance, creating a comfortable indoor environment year-round and significantly reduces heating and cooling costs. Solar's vinyl-composite window line allows for fixed, inswing casement, hopper, and tilt turn windows, all with similar sightlines and finishes.

FEATURES

PANELS:

- Systems include fixed, casement, awning, hopper, tilt slide, and tilt turn windows
- 3 1/4" & 2 3/8" frame depth
- Mullied window capacity
- Consistent sightlines within systems
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Naturally thermally efficient vinyl-composite profiles
- Multiple dual weather seals
- Test results may be available upon request

GLAZING:

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infills up to 1 3/8"

HARDWARE:

- Standard, keyed lock, and ADA-compliant hardware solutions

OPTIONS

FINISHES:

- Standard finishes
 - White, Beige, Clay, Black
- Paint finishes
 - Black, Brown, TA-17 Brown, Brown 342, Brown 3941, Clay 72, Brown 398, Khaki, Beige, White 136, Cream White, White 12U
- Exterior Foil
 - Bronze, Silver, Burnt Almond, Black Brown
- Interior Foil
 - Golden Oak, Light Oak, Shotgun, Mahogany, Irish Oak, Strip Douglas, Soft Cherry

ACCESSORIES:

- Groove for accessories
 - Brick molds
 - Extension jambs
 - Profiles to couple window elements
- Fixed mesh insect screens
- Integrated sidelites & transoms
- Horizontal mullions

HARDWARE



A: Handles



Standard Aluminum Handle



Keyed Aluminum Handle

All Handle & Cover Cap Finish Options



B: Hinges



Roto AL Hinge



Stay Sash Bearing



Corner Hinge



DoorLine Hinge

Cover Caps



Stay Arm Cover Cap



Stay Bearing Cover Cap



Cover Cap for Corner Hinge



Pivot Rest Base Plate Cover Cap

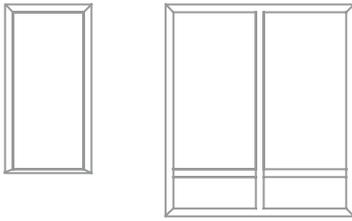


Corner Pivot Rest Cover Cap

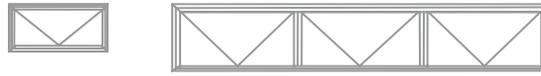
Please Note: All hardware is subject to vendor availability. Custom finishes may be available upon request at additional lead time and/or cost. Solar Innovations® reserves the right to discontinue any hardware option at any time. Please be sure to visit our website for additional product information: www.solarinnovations.com

CONFIGURATIONS

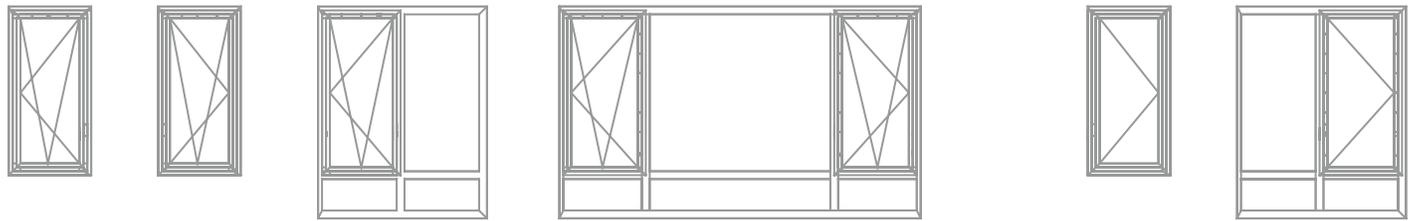
Additional configurations are available.



FIXED



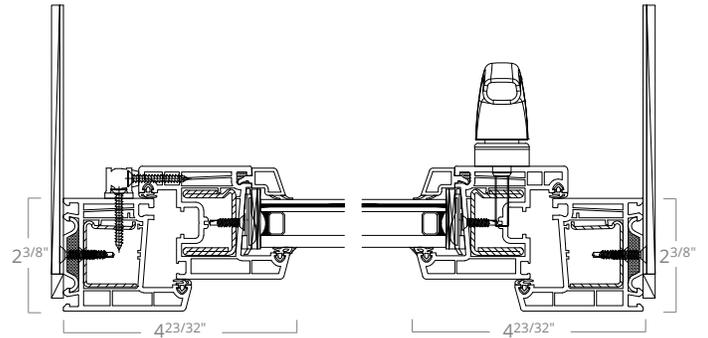
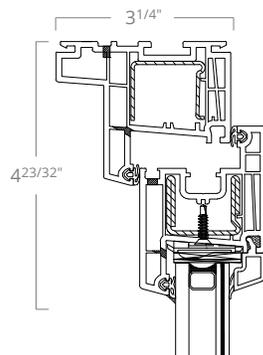
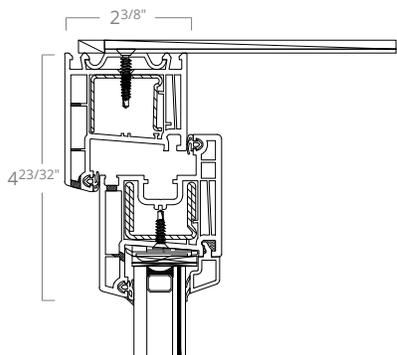
HOPPER
Tilt Only



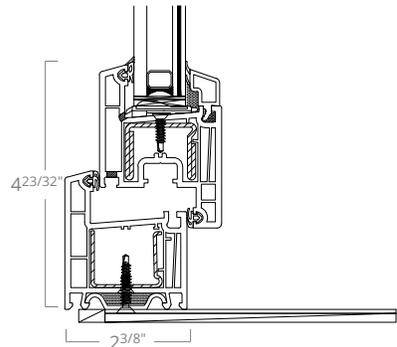
TILT TURN
Inswing & Outswing

CASEMENT
Inswing Only

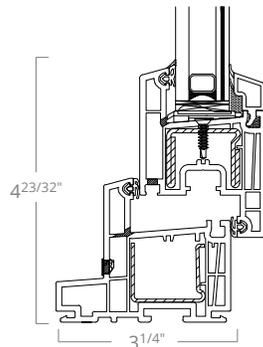
VINYL CASEMENT WINDOW DETAILS



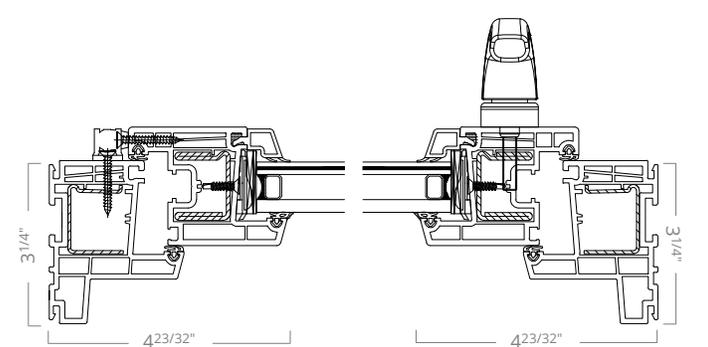
European w/ Flange Jamb Details



European w/ Flange Head & Sill Details

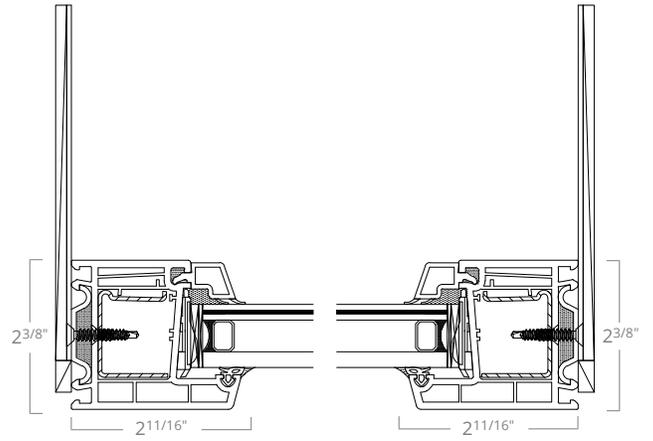
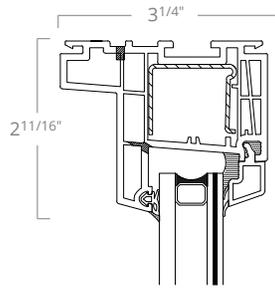
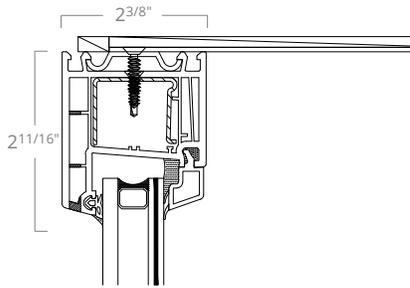


North American w/o Flange Head & Sill Details

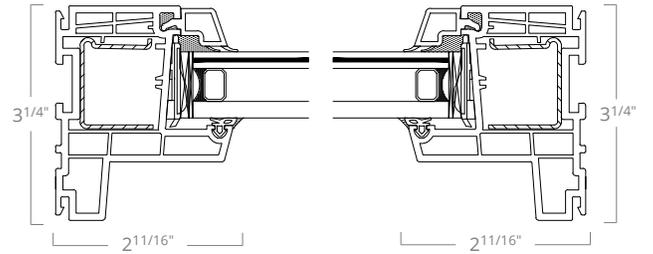
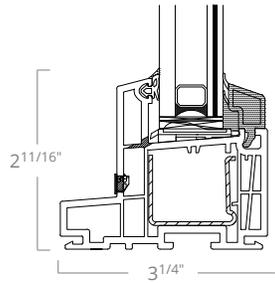
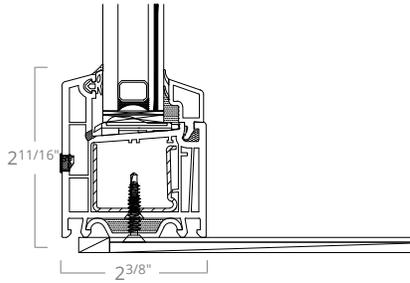


North American w/o Flange Jamb Details

VINYL FIXED WINDOW DETAILS



European w/Flange Jamb Details

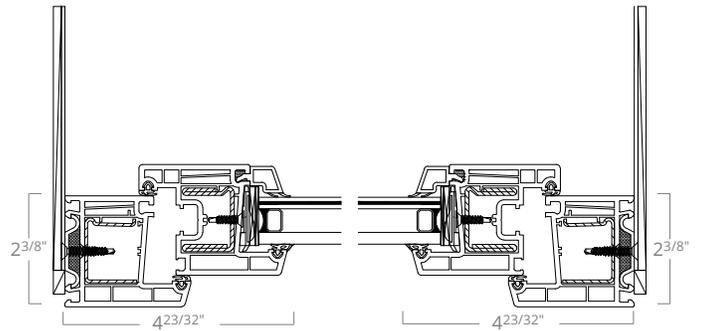
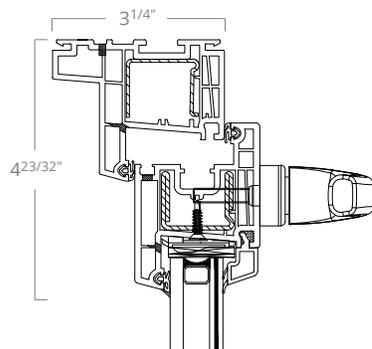
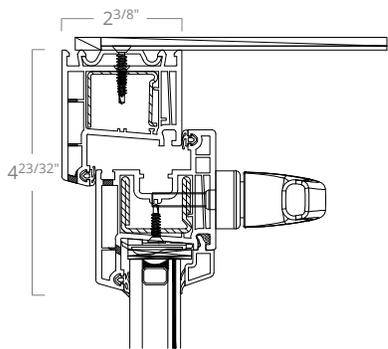


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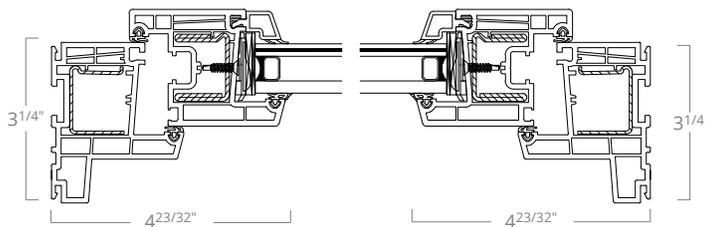
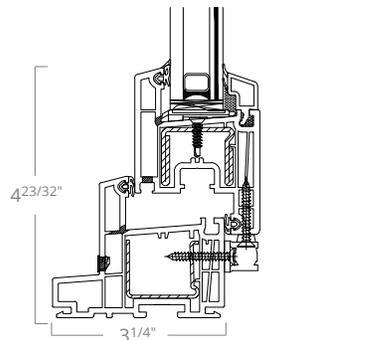
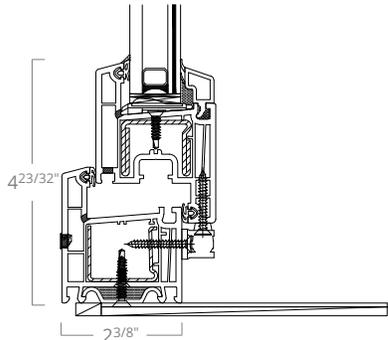
European w/ Flange Head & Sill Details

North American w/o Flange Head & Sill Details

VINYL HOPPER WINDOW DETAILS



European w/Flange Jamb Details

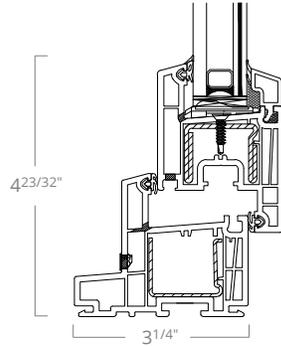
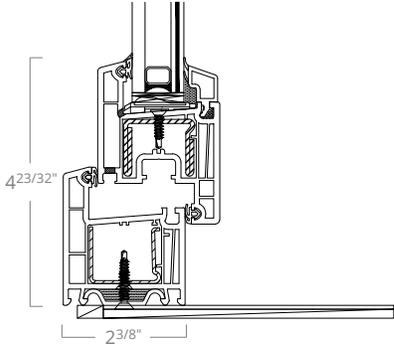
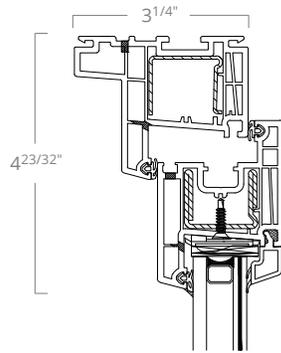
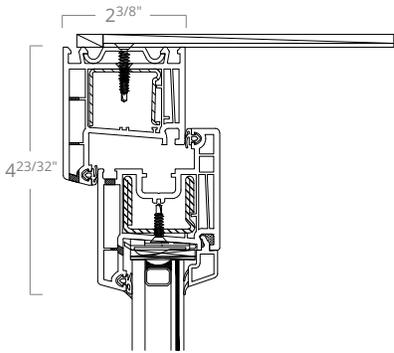


North American w/o Flange Jamb Details

European w/ Flange Head & Sill Details

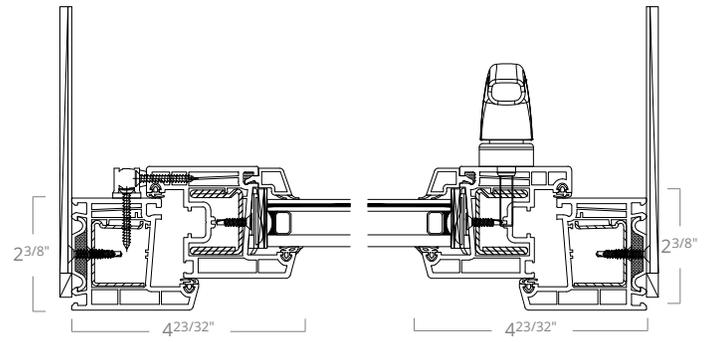
North American w/o Flange Head & Sill Details

VINYL TILT TURN WINDOW DETAILS

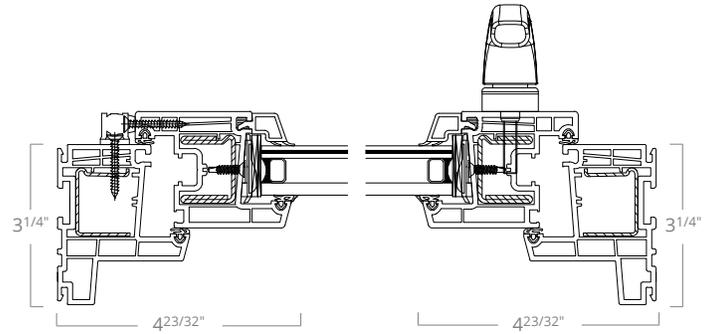


European w/ Flange Head & Sill Details

North American w/o Flange Head & Sill Details



European w/Flange Jamb Details



North American w/o Flange Jamb Details

FINISH OPTIONS



Cream White 136



Tan 304 (temporarily unavailable, except in wide and narrow frames)

Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. 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 matches, are available; contact a Solar Innovations® sales designer for details.

