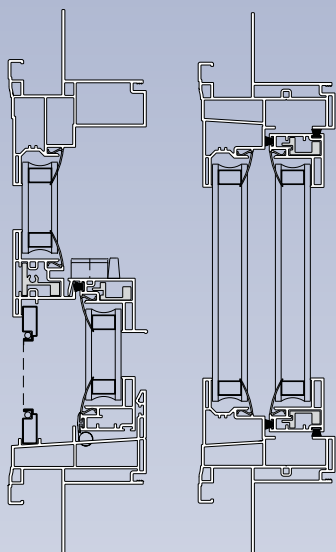


RELIABLE WINDOWS

ASSEMBLY DRAWING



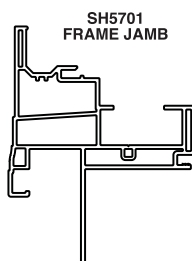
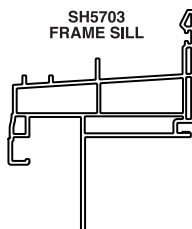
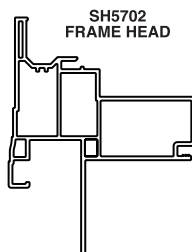
CAD MODEL



Series 5100 Single Hung

for New Construction
and Replacement

PROFILES



FEATURES and BENEFITS

- New construction & replacement versions
- All welded frame and sash
- Grade 50 performance
- Exterior brickmold appearance
- Full 1-1/2" integral nailing fin
- Sloped sill for superior water performance
- J-Channel for Hardy or siding applications
- Equal glass for smooth lines
- 3/4" or 5/8" insulated glass options
- Internal grids available on request
- Double wall glazing towers, SDL compatible
- Tilt in sash for easy cleaning
- Dual weatherstripping
- Multi-chambered frame for enhanced thermal performance
- Reinforced interlock
- Two piece mull system for twins and stacking
- Easily removable mosquito screen
- Full complement of accessory profiles
- Pinnacle laminates available for color

MANUFACTURING LIMITATIONS

Width		Height	
Minimum	*	Minimum	*
Maximum	48"	Maximum	77"

* Minimum width and heights are determined by process machinery capabilities

BASELINE PERFORMANCE

Thermal Insulation

GLASS	Uc Value	R Value
Clear	0.50	2.00
LoE 55/27	0.32	3.125
LoE 366	0.31	3.22
SHGC = 0.27		

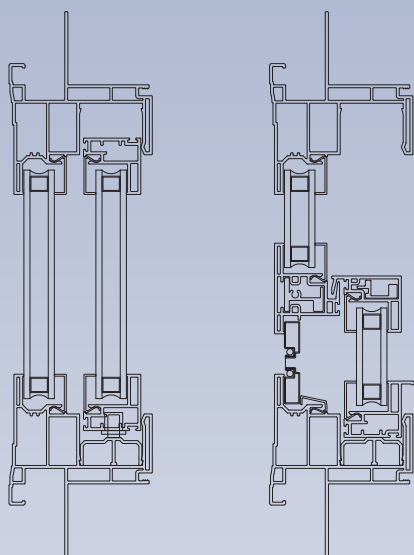
Structural Performance

Air Infiltration @ 25 mph	0.12 cfm/ft ²
Water Penetration	7.50 psf
Uniform Loads	+/-75.00 psf

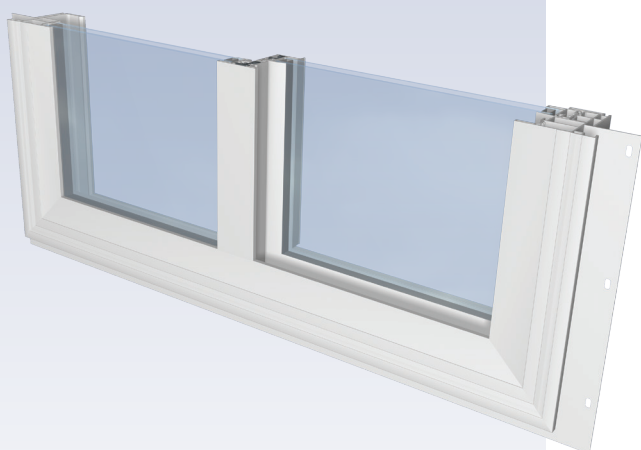
AAMA RATING: H-R50

RELIABLE WINDOWS

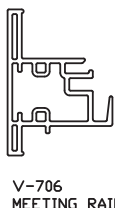
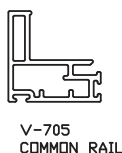
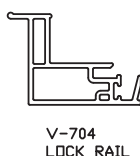
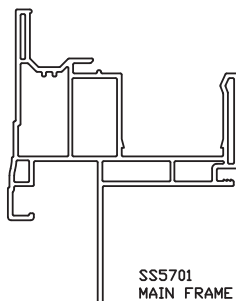
ASSEMBLY DRAWING



CAD MODEL



PROFILES



FEATURES and BENEFITS

- New construction & replacement versions
- All welded frame and sash
- Grade 50 performance (with dam leg extension)
- Exterior brickmold appearance
- Full 1-1/2" integral nailing fin
- J-Channel for Hardy or siding applications
- Equal glass for smooth lines
- 3/4" or 5/8" insulated glass options
- Tandem rollers for smooth operation
- OX and XO configurations available
- Three panels sliders available in XO configurations
- Internal grids available on request
- Double wall glazing towers, SDL compatible
- Dual weatherstripping
- Multi-chambered frame for enhanced thermal performance
- Reinforced interlock
- Two piece mull system for stacking
- Easily removable mosquito screen
- Full complement of accessory profiles
- Pinnacle laminates available for color

MANUFACTURING LIMITATIONS

Width		Height	
Minimum	*	Minimum	*
Maximum	72"	Maximum	60"

* Minimum width and heights are determined by process machinery capabilities

BASELINE PERFORMANCE

Thermal Insulation

GLASS	Uc Value	R Value
Clear	0.50	2.00
LoE 55/27	0.32	3.125
LoE 366	0.31	3.22
SHGC = 0.27		

Structural Performance

Air Infiltration @ 25 mph	0.16 cfm/ft ²
Water Penetration	5.25 psf
Uniform Loads	+/-60.00 psf

AAMA RATING: HS-R50