

Protection from the elements.

High Performance Thermal Windows.



AJ MANUFACTURING

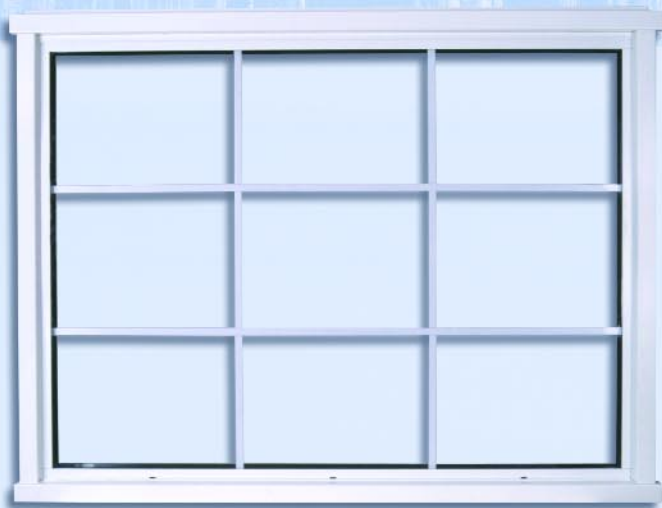
PROTECTION

Protecting you from the elements

AJ Manufacturing's insulated aluminum windows keep your building protected from all extremes of weather. During the scorching heat of summer or the frigid temps of winter, AJ Thermal Windows will protect you from the elements.



Series 900
Horizontal Sliding Window



Series 905
Fixed Lite Picture Window



Series 500
Single-Hung Window

Windows shown with optional grids and EZ Fit® Installation System.

SERIES 900



Protection All Year Long

AJ's Series 900 Insulated Horizontal Sliding Windows deliver superior year-round protection against all extremes of weather and harsh conditions.

Thermally Broken Master Framework

The Series 900 framework has been designed with a thermal barrier to reduce thermal loss.

- Extruded aluminum frame and sash construction with high-density polyurethane thermal break
- Electrostatically coated with enamel paint
- Self-cleaning sloped sill
- Built-in mullion to prevent frame flexing
- Sash interlock for added security
- Aluminum header block to prevent unwanted movement and sash removal when window is locked

Superior Sealing and Leak-Proof Tested

Series 900 Windows are sealed with double weatherstripping of nonabsorbent woven polypropylene pile to prevent damaging moisture. Leak-proof testing is performed on each window manufactured. Other insulating features include:

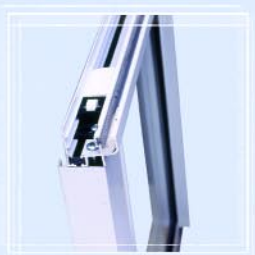
- Sash interlock system creates weatherproof, bug-proof, rattle-proof, draft barrier
- Flexible vinyl U-channel marine glazing

Practical and Durable Components

- Painted zinc die cast cam-type sash locks
- 5/8" insulated glass unit in each sash
- Interior removable rust and insect-proof fiberglass screen
- Nylon rollers for smooth sash operation
- Gasket glazing system protects the glass and allows for easy re-glazing

Options to Fit Your Needs

- Sizes through 6'0" x 4'0" rough opening
- Available in white, bronze or cocoa brown
- Three distinct installation options: snap-in nailing fin, snap-in J-channel and attached EZ Fit® trim



Nylon rollers



Cam-Type Sash Locks



SERIES 905

Picture It

You will find the Series 905 Fixed-Lite Thermal Aluminum Window a great complement to the Series 900 sliding windows as it offers you a new and diverse look for your building.

Sturdy Master Frame

Using thermal extrusions this window's strength can withstand wind speeds of 100 mph.

- Extruded aluminum master frame with high-density polyurethane thermal break
- Electrostatically coated with enamel paint
- Butt corners and close tolerance for strength
- Hardware meets ASTM A164-71 and ASTM A165-71 standards

Superior Sealing and Leak Proof Tested

The Series 905 windows are glazed with 1" thick insulated glass to ensure energy efficiency and are leak tested before packaging. Other features include:

- Reglazing via the interior of the building
- Optional Low-E Argon filled glass
- Optional mullion kit for attaching multiple units together

Options to Fit Your Needs

- Sizes through 6'0" x 4'0" rough opening
- Available in white or bronze
- Three distinct installation options: snap-in nailing fin, snap-in J-channel and attached EZ Fit® trim



EZ Fit® Installation



J-Channel



Nailing Fin

SERIES 500



Raising the Standard

AJ's 500 Series offers a Single-Hung, Thermal Aluminum window with the same energy efficiency of the 900 and 905 Series, but with a classic sophisticated look for your building.

Sturdy Master Frame

The 500 Series framework uses thermal extrusions around an open block and tackle balancing system for steady and smooth operation. Other features include:

- Easy cleaning with an inward tilting operating sash
- Polyester enamel white paint electrostatically applied
- Extruded aluminum master frame and sash
- Thermal barrier of high density poured and debridged polyurethane on sash and frame

Well-sealed and Secure

The Series 500 is designed to keep the weather out and yet secure against intruders, featuring:

- Testing against water leaks before packaging
- Locking with a cam-type latch for the operating sash
- Non-corrosive metal fasteners

Options to Fit Your Needs

- Sizes through 3'0" x 5'0" rough opening
- Available in white
- Easy installation with either an attached nailing fin or AJ attached EZ Fit® trim



Tilt-in Operating Sash

Each Series 500 window comes equipped with a removable operating sash which allows for easy cleaning both inside and out.

INSTALLATION OPTIONS

EZ Installation

With four installation options, AJ's High Performance Thermal Windows are suitable for wood, steel or masonry.

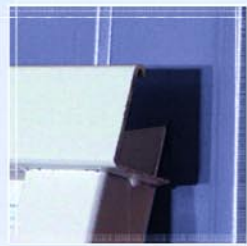
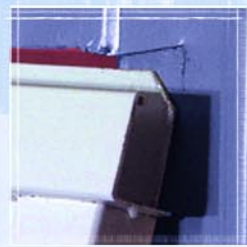
EZ Fit® System

Designed to provide curb appeal while reducing installation labor, AJ's exclusive EZ Fit® Window Installation System provides an easy retrofit installation to existing post-frame structures that use up to 1" steel rib panels. With our EZ Fit® self-finishing system, your building will show no exposed steel edges, no exposed caulk, no exposed fasteners and will need no maintenance.

EZ as 1-2-3

1 Cut window opening in installed steel panels of structure.

2 Align top of window with top of opening, sliding long fin behind steel.



3 Push bottom of window against steel and slide down with short fin behind steel.

Detailed instructions are available with each window unit. Video available upon request.

J-Channels

This pre-fabricated 4 piece set installs securely into steel panels and horizontal siding. Each piece snaps on the window frame for fast, weather tight installation. To maintain the impressive appearance of the 900 and 905 Series Windows, J-Channels are color matched to blend with your window selection.



Nailing Fins

In addition to installation in steel panels and horizontal siding, this pre-fabricated 4 piece set incorporates well into wood panel siding. With the nailing fin installation option, weather tight installation is a snap. Two installation locations for the nailing fins permit a choice of positioning of the window relative to the outside wall.



ADDITIONAL FEATURES

Water Tested

Every window is water tested by our technicians before leaving our facility to ensure a leak-free seal is in place before installation.

Window Mullions

Install two or more Series 900/905 Windows in a single opening with AJ's insulated mullion. Each pre-fabricated mullion can be installed vertically or horizontally, depending on your construction needs.

Thermally broken for energy savings, our window mullions use the snap-fit assembly process and combine with both the nailing fin and J-channel installation systems. After mullion has attached the two windows, only .625" has been added to the combined window width. For additional energy savings, foam insulation is available to fill cavities between mullion and window frames.



Series 900



Series 905



Series 500

FRAME/SASH CONSTRUCTION

Extruded aluminum frame and sash construction	■	■	■
Electrostatically coated frame and sash with baked enamel	■	■	■
Minimum .050" master frame wall thickness	■	■	■
Minimum .050" sash frame thickness	■		
High-density polyurethane filled structural thermal barrier	■	■	■
Self-cleaning sloped sill	■		
Easy open block and tackle balancing system for steady, even sash operation			■
Nylon rollers for smooth, level sash operation	■		
Removable operating sash for interior cleaning access	■		■
Fits openings through 6'0" x 4'0"	■	■	
Custom sizes available	■	■	

WINDOW UNIT GLASS AND SCREEN CONSTRUCTION

Sash interlock system for weatherproof, bug-proof, rattle-proof, draft barrier	■		■
5/8" thick insulated glass unit	■		
1" thick insulated glass unit		■	
13/16" thick insulated glass unit			■
Removable rust/insect proof fiberglass mesh screen	■		■
High performance glass or tinted glass	■	■	■
Available with or without enclosed grids	■	■	■

WEATHER STRIPPING

Nonabsorbent woven polypropylene pile	■	■	■
Sealed with flexible vinyl U-channel marine glazing	■		■
Gasket glazing system; reglazing performed from interior of structure		■	
Water tested before leaving facility	■	■	■

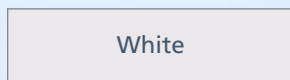
HARDWARE

Hardware meets ASTM A164-71 and ASTM A165-71 standards	■	■	■
Painted zinc die cast cam-type sash locks	■		■
Extruded aluminum header blocks	■		
Non-corrosive metal fasteners	■	■	■

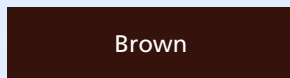
INSTALLATION OPTIONS

EZ Fit® Installation System	■	■	■
J-Channels	■	■	
Nailing Fins	■	■	■

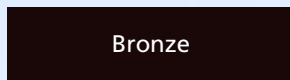
COLOR SWATCHES



■	■	■
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(Not available in J-Channel)

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