

# WESTERN WINDOW

*Quality You Can See*



[western-window.com](http://western-window.com)



**earthwise**<sup>™</sup>  
WINDOWS & DOORS





A Division of **HOFF** Companies

**Quality windows and doors. Industry-leading service and lead time.**

For 30 years, Western Window has supplied the Northwest and Intermountain West region with quality new construction, replacement, and light commercial windows and doors. We treat our customers like our neighbors and strive to provide unmatched service. Western Window is a division of Hoff Companies, an Idaho-based, family-owned company that began in 1910.

**State of the art manufacturing capability.**

We utilize advanced technology in the design and manufacturing of our window and patio door systems.

**PARADIGM**

We utilize PARADIGM ERP and Quoting systems to power our business.

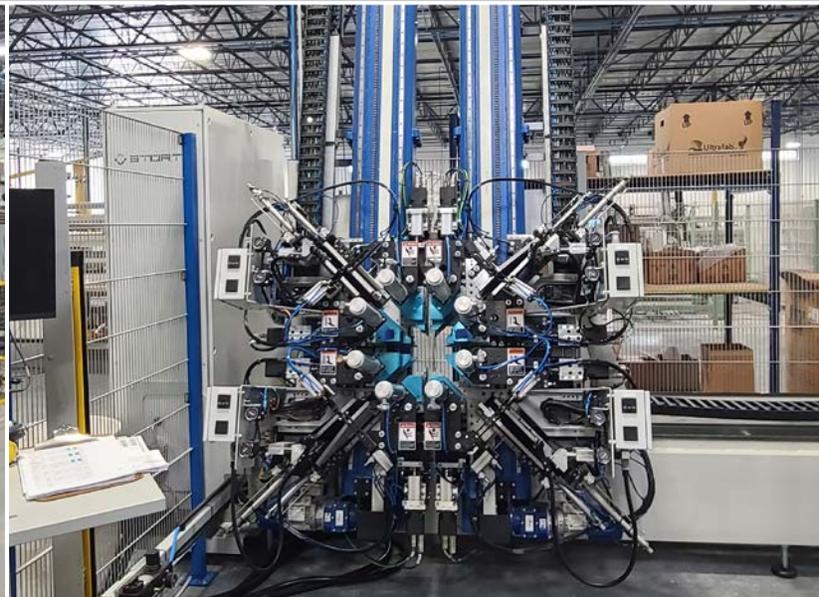
**ERDMAN**

Our Insulated Glass Units are built on an Erdman Vertical, IGU Line.

**STURTZ**

Our windows are fabricated on a flow-through Sturtz Automated Window Assembly Line.

[western-window.com](http://western-window.com)



## The Wise Choice™

Western Window is proud to be an Earthwise manufacturer. Earthwise vinyl windows and doors are built specifically for our climate and are energy-efficient, durable, and low-maintenance. All of our windows and doors are backed by our Lifetime Limited Warranty.



**The Earthwise Group is the first window and door manufacturer to be Made in USA Certified®, the nation's leading source for verifying that products are made in our country.**

After a thorough supply chain audit, we received the Made in USA Certified® seal, showing our products are proudly made in America.



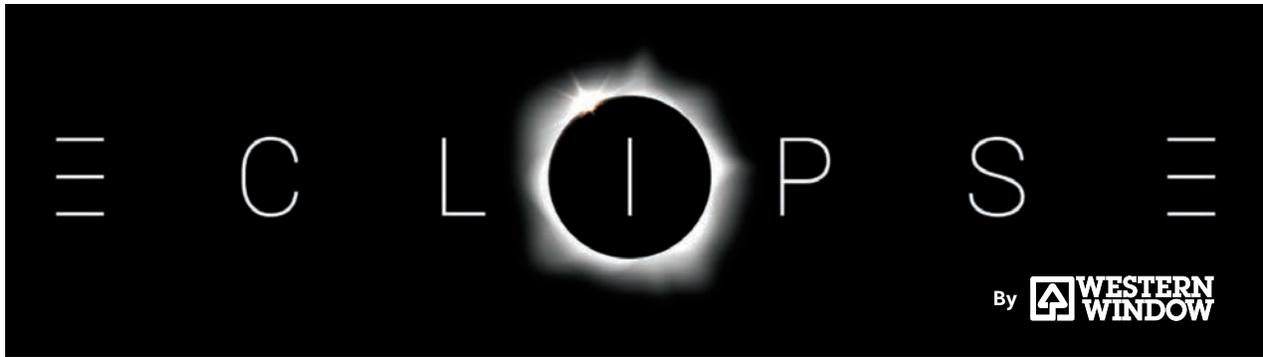
We're proud of our high-quality windows and patio doors, all made in the USA. We commit to manufacturing our products here at home, supporting our communities, and creating job opportunities. We're devoted to supporting the American workforce with our regional manufacturing around the country.

We pledge to maintain the best quality in our products and how we make them. Don't take our word for it! We've earned other independent, third-party certifications that prove we meet the highest standards of excellence.

Photography provided by  
Annie Garner  
Boise Home Photography  
[BoiseHomePhotography.com](http://BoiseHomePhotography.com)

Home Builder  
Homes LLC  
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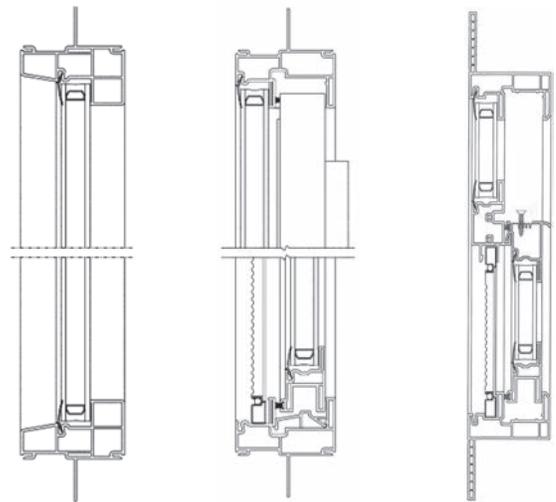
## Our most popular window and patio door series in BLACK PVC.

Not a top-coat or coextruded, ECLIPSE is 100% black PVC that is extruded in a single piece component. It features the durability of SunShield technology to minimize fading, and with proprietary pigment technology to limit heat absorption. It is literally the best of both worlds. With the same Limited Lifetime Warranty, build quality and quick lead-time as our WHITE windows.

- Available in Autograph, Signature and Firma Patio Systems
- Matching Black cam-lock hardware on windows and Black single or dual-point locks on patio doors
- Black pile weatherstrips



# Signature™ Windows series



**Picture**      **Single-Hung**  
**Single-Slide**      **Flush Fin\***

## Versatile design, contemporary look

The Signature Series combines a versatile look with high performance. Whether new construction or replacement, the common components result in easier fabrication & faster lead-times. Available in Eclipse, White, Almond, Clay, or Black with White interior.



Eclipse      White      Almond      Clay      Black/White



- 2-11/16" frame depth provides strength and performance
- Multi-chambered frame with weep channels for efficient drainage
- SunShield® Vinyl offers superior weather resistance with no painting
- Interlocking sash for better air & water infiltration resistance
- 1-3/8" nail-fin set back accommodates most exterior trim
- An accessory J-Channel can be added to any standard frame window or door
- Automated welding on sash & frame
- Insulated glass is 3/4" OA with Double Strength glass & Argon standard
- Limited lifetime warranty

\*Available in Eclipse, White and Almond only.

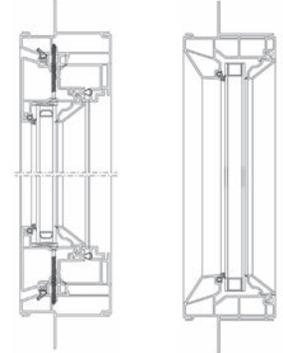
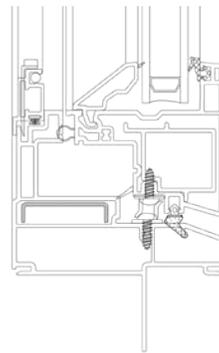
**Performance Ranges**

**Structural**  
NAFS: Up to LC-PG40

**Thermal**  
U Factor: Down to .23

**Acoustical**  
STC: Up to 31db

# Autograph<sup>TM</sup> series Windows



**1-3/8" Install-Fin for replacement or new construction openings. Block frame also available for easy retro-fit installations.**

**Fixed-Sash Picture (L) has equal sight lines with active casement window. Dedicated Picture (R) has IGU centered in the frame with a beveled detail.**

## Casements & Awnings

The Autograph Series Casements & Awning configurations are engineered for superior performance in structural and thermal qualities. Available in Eclipse, White, Almond, Clay or Black with White interior.



- Multiple configurations in Casement, Awning, Fixed-Sash & Dedicated Picture windows
- 3-1/2" frame depth
- An accessory groove for snap in Flush-Fin or J-Channel
- SunShield<sup>®</sup> Vinyl offers superior weather resistance with no painting
- DP50 high performance baseline design
- Insulated glass is 7/8" OA with Double Strength glass & Argon standard
- Amesbury Truth low-profile folding crank & lock hardware
- Limited lifetime warranty

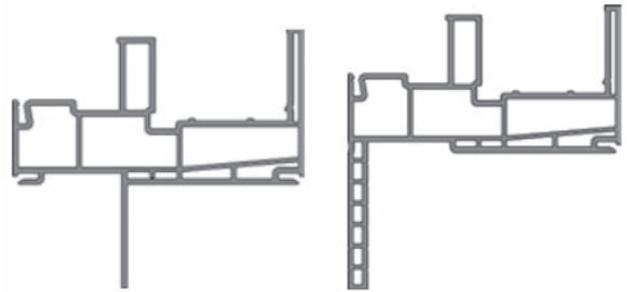
**Performance Ranges**

**Structural**  
NAFS: Up to LC-PG55

**Thermal**  
U Factor: Down to .24

**Acoustical**  
STC: Up to 34db

# Autograph<sup>™</sup> series Windows



**1-3/8" Nail-Fin for New Construction Openings**

**Flush-Fin for Replacement Openings**

## Robust & Modern

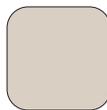
The Autograph Series is a flexible, high performing design for multi-family & high-end residential. It is available with the shortest lead-time in the industry. Available in Eclipse, White, Almond, Clay, or Black with White interior.



Eclipse



White



Almond



Clay



Black/White



- Multiple configurations to include SL, SH, Picture. Shapes include trapezoids, round & arch-top, rounds and octagon
- 3-1/2" frame depth provides strong performance
- An accessory J-Channel can be added to any standard frame window or door
- Multi-chambered frame with weep channels for efficient drainage
- SunShield<sup>®</sup> Vinyl offers superior weather resistance with no fading
- Interlocking sash for better air & water infiltration resistance
- DP50 high performance baseline design
- Cam-Lock standard but Auto-Locks are available as an option
- Insulated glass is 3/4" OA with Double Strength glass & Argon standard
- 1-1/8" OA for Triple Glazed performance IG glazing is available
- Limited lifetime warranty

**Performance Ranges**

**Structural**  
NAFS: Up to LC-PG55

**Thermal**  
U Factor: Down to .18

**Acoustical**  
STC: Up to 32db

# Firma™ Patio Door Systems

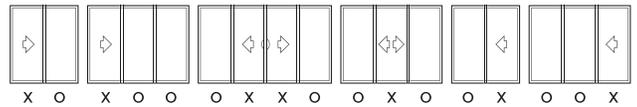


## Versatile design, contemporary look

The Firma Patio Door is engineered for new construction and replacement, and features smooth, easy operation. It ships fully assembled and is easy to install. Each door system is built to order with the shortest lead-time in the industry. Available in Eclipse, White, Almond, Clay, or Black exterior with White interior.



- 5-1/2" frame depth
  - 1-3/8" nail-fin for new construction
  - Block frame for standard replacement installation
  - Snap on Flush Fin attachment for replacement in flat siding or stucco. In white and black colors only
- Welded multi-chambered SunShield PVC frame and sash
- Available in 2, 3, or 4 panel systems



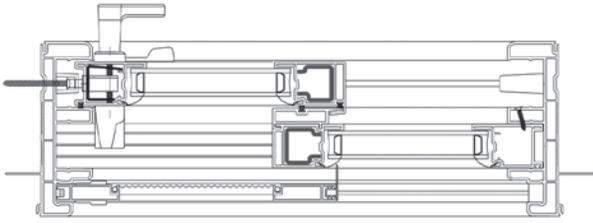
- An accessory J-Channel can be added to any standard frame window or door
- 6/8, 6/10 or 8/0 tall by up to 12/0 wide
- 7/8" overall dual-glazed or 1" overall triple-glazed Tempered Insulated Glass units. Argon gas is standard
- Steel reinforced to provide strength and structural stability
- Single mortise lockset color matched to the unit is standard
  - Double-bolt upgrade available as an option
  - Keyed-lock available as an option
- Extruded aluminum screen is standard with every door
- Limited Lifetime Warranty

**Performance Ranges**

**Structural**  
NAFS: Up to LC-PG35

**Thermal**  
U Factor: Down to .21

**Acoustical**  
STC: Up to 30db



## Omega Patio Door Lock Handle

The Omega Patio Door Lock Handle is color-matched in White, Black, Clay or Almond durable powder coat finish.



## Firma Patio Door System Screen

Available in White, Black, Almond and Clay

Extruded Aluminum with Charcoal Fiberglass Screen

- 1-1/4" Nylon Rollers
- Basic Handle
- 5/8" Pile Bug-flap



# deceuninck



**Western Window is pleased to be a partner for over a decade with Deceuninck, North America on all our vinyl extrusions.**

### **Longer, More Beautiful Lifespan and Virtually No Maintenance**

As a global leader in the PVC fenestration industry, Deceuninck, North America leverages cutting-edge science and technology in the development, manufacture, and delivery of its innovative and sustainable products. Western Window passes along this expertise in the windows and patio doors we design and build from these advanced extrusions every day.

### **Weathering Impact**

A scientific study of aged weathered profiles before and after outdoor exposure showed a minimal impact loss in the SunShield product compared to its leading competitor, which suffered an impact loss of 13.9%.

### **Sunshield®: Simply The Best Form of PVC Available**

SunShield is the industry's most high-performing vinyl compound for color retention and impact resistance.

It's a proprietary formula that's laboratory-proven to perform better than alternative building materials. And the technology only gets better with time.

With a lifetime warranty for homeowners and an unbeatable technology for fabricators, we've outperformed our competitors for over 30 years. And we'll continue to stay on top by providing the best PVC available, anywhere.

### **SunShield weathers the toughest conditions – from coast to coast, and everywhere in between.**

- Superior color retention and weatherability
- Resistant to rot, insect, and microbial damage
- Never requires painting
- Easy to clean with common household cleaners
- 100% recyclable for a more sustainable future
- Helps to reduce your heating and cooling costs with nearly 1,600 times the thermal efficiency of aluminum
- Resistant to water and light for uniform quality and color over time



**Color Retention**  
**1,210% better**  
than competition



**Dimensional Stability**  
**41% better**  
than industry standard



**Impact Resistance**  
**325% better**  
than industry standard

**Western Window is a decades long partner with Guardian Glass, one of the world's largest and most advanced float glass manufacturers.**



**You Can Expect More from ClimaGuard™**

Achieve outstanding solar control and thermal insulating performance. Choose from a powerful collection of low-E coated glass innovations that surpass future codes – and alternatives across the industry. Save time and money with solutions optimized for you.

**Sophisticated Solutions, Simple Choice**

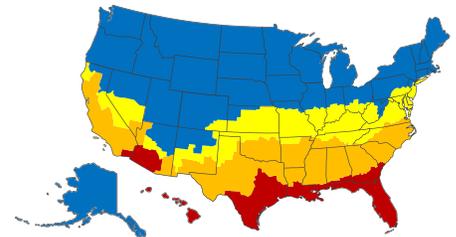
ClimaGuard IS interior surface coatings elevate window performance without the pain of adding panes.

**ClimaGuard 70** provides best-in-class thermal insulating performance for consistent comfort through hot and cold weather extremes.

**ClimaGuard 62/27** delivers the balanced solar control and visible light transmission needed to perform in almost any climate zone.

**ENERGY STAR® Version 7**

ENERGY STAR® has prescribed a set of NFRC certified U-Factor and SHGC rating levels for windows that meet its performance criteria across U.S. Climate Zones. It also defines a set of “equivalent energy performance” criteria specifically for windows that may be similarly certified for the Northern Climate Zone.





IS 20

### Interior-surface coating that delivers superior thermal performance with striking clarity.

Offering strength, durability, and cleanability comparable to standard float glass, IS 20 provides beautifully clear, extraordinarily efficient glass for windows.

Combined with a Guardian low-emissivity coating on the second surface, the addition of IS 20 on the fourth surface provides an enhanced thermal barrier, improving the energy performance of a dual-glazed or triple-glazed low-e window.

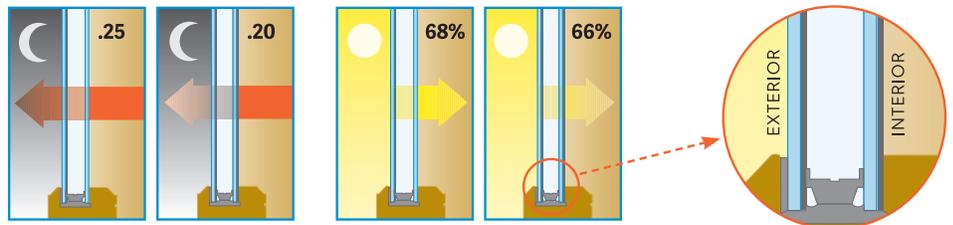
### Features

- Low u-value
- Low haze
- Smooth and durable surface
- High visible light transmission
- Neutral color
- As mechanically and chemically durable as regular glass

### Lower U-Value. Lots of Light. Greater Energy Savings.

U-Value

Light Transmission



Western Window manufacturers our Insulated Glass Units (IGU's) on a state-of-the-art automated Erdman Vertical Line. Our windows and doors feature a "standard" package of dual-glaze double-strength glass with LowE (CG70) and Clear glass with a Duralite® warm-edge spacer and Argon gas. We do Triple Glazed IGU's for our Autograph Series, as well as Firma Patio Doors. We also offer Guardian LowE+ (CG62/27 Triple Silver) and IS 20 Hard-Coat for maximum thermal performance down to a U-Value of .18.

**LowE**

**ClimaGuard®**  
**ClimaGuard 70**

- ✓ 69% Visible Light Transmittance
- ✓ 0.35 Solar Heat Gain Coefficient
- ✓ 0.242 U-Value
- ✓ Bright, Neutral Aesthetics

**LowE+**

**ClimaGuard®**  
**ClimaGuard 62/27**

- ✓ 61% Visible Light Transmittance
- ✓ 0.26 Solar Heat Gain Coefficient
- ✓ Triple Silver Technology

**IS 20 4<sup>th</sup> or 6<sup>th</sup> Surface**

**ClimaGuard®**  
**ClimaGuard IS 20**

- ✓ 88% Visible Light Transmittance
- ✓ 0.79% Solar Heat Gain Coefficient
- ✓ Supplemental Inner Surface Coating

**Tinted and Privacy Glass**



Satin Etched



Glue Chip



Delta Frost



Obscure



Rain



Dark Gray  
9% VLT



Medium Gray  
44% VLT

Our glass manufacturers have a multitude of privacy and tinted glass options that are not shown here. If your project requires something not shown, contact your Dealer for more information.





## Thermal Value Results

Series	Config	Class 1	Spacer	Glass 2	Spacer	Glass 3	U-Value	SHGC	VLT	CR	STC
SH,SL,PW	PW	LE	ARG	CL	x	x	0.26	0.30	0.59	64	31
SH,SL,PW	PW	LE	ARG	IS20	x	x	0.22	0.29	0.58	52	31
SH,SL,PW	PW	LE+	ARG	CL	x	x	0.26	0.22	0.53	64	31
SH,SL,PW	PW	LE+	ARG	IS20	x	x	0.22	0.22	0.51	52	31
SH,SL,PW	PW	LE	ARG	CL	ARG	CL	0.22	0.28	0.54	69	N/A
SH,SL,PW	PW	LE	ARG	CL	ARG	IS20	0.19	0.27	0.53	57	N/A
SH,SL,PW	PW	LE+	ARG	CL	ARG	CL	0.22	0.21	0.48	69	N/A
SH,SL,PW	PW	LE+	ARG	CL	ARG	IS20	0.19	0.20	0.47	57	N/A
SH,SL,PW	SH	LE	ARG	CL	x	x	0.28	0.28	0.55	61	32
SH,SL,PW	SH	LE	ARG	IS20	x	x	0.24	0.27	0.53	51	32
SH,SL,PW	SH	LE+	ARG	CL	x	x	0.28	0.21	0.49	61	32
SH,SL,PW	SH	LE+	ARG	IS20	x	x	0.24	0.20	0.47	51	32
SH,SL,PW	SH	LE	ARG	CL	ARG	CL	0.23	0.26	0.50	67	N/A
SH,SL,PW	SH	LE	ARG	CL	ARG	IS20	0.21	0.25	0.49	57	N/A
SH,SL,PW	SH	LE+	ARG	CL	ARG	CL	0.23	0.19	0.45	67	N/A
SH,SL,PW	SH	LE+	ARG	CL	ARG	IS20	0.21	0.19	0.43	57	N/A
SH,SL,PW	SL	LE	ARG	CL	x	x	0.28	0.28	0.54	61	32
SH,SL,PW	SL	LE	ARG	IS20	x	x	0.24	0.27	0.53	50	32
SH,SL,PW	SL	LE+	ARG	CL	x	x	0.28	0.20	0.47	51	32
SH,SL,PW	SL	LE+	ARG	IS20	x	x	0.21	0.25	0.48	56	32
SH,SL,PW	SL	LE	ARG	CL	ARG	CL	0.24	0.26	0.50	66	N/A
SH,SL,PW	SL	LE	ARG	CL	ARG	IS20	0.21	0.25	0.48	56	N/A
SH,SL,PW	SL	LE+	ARG	CL	ARG	CL	0.24	0.19	0.44	66	N/A
SH,SL,PW	SL	LE+	ARG	CL	ARG	IS20	0.21	0.19	0.43	56	N/A

WW Standard IGU consisting of dual double strength glass, LowE/Clr, Argon 90, Warm-edge spacer.

Series	Config	Class 1	Spacer	Glass 2	Spacer	Glass 3	U-Value	SHGC	VLT	CR	STC
CS,AW	PW	LE	ARG	CL			0.26	0.30	0.60	64	31
CS,AW	PW	LE	ARG	IS20	x	x	0.22	0.30	0.58	52	31
CS,AW	PW	LE+	ARG	CL	x	x	0.26	0.22	0.53	64	31
CS,AW	PW	LE+	ARG	IS20	x	x	0.22	0.22	0.52	52	31
CS,AW	PW	LE	ARG	CL	ARG	CL	0.21	0.28	0.55	70	N/A
CS,AW	PW	LE	ARG	CL	ARG	IS20	0.18	0.28	0.49	58	N/A
CS,AW	PW	LE+	ARG	CL	ARG	CL	0.21	0.21	0.49	70	N/A
CS,AW	PW	LE+	ARG	CL	ARG	IS20	0.18	0.20	0.47	58	N/A
CS,AW	FS	LE	ARG	CL	x	x	0.26	0.26	0.51	63	31
CS,AW	FS	LE	ARG	IS20	x	x	0.23	0.26	0.50	51	31
CS,AW	FS	LE+	ARG	CL	x	x	0.26	0.19	0.46	63	31
CS,AW	FS	LE+	ARG	IS20	x	x	0.23	0.19	0.44	51	31
CS,AW	FS	LE	ARG	CL	ARG	CL	0.22	0.25	0.47	68	N/A
CS,AW	FS	LE	ARG	CL	ARG	IS20	0.20	0.24	0.46	56	N/A
CS,AW	FS	LE+	ARG	CL	ARG	CL	0.22	0.18	0.42	68	N/A
CS,AW	FS	LE+	ARG	CL	ARG	IS20	0.20	0.18	0.41	56	N/A
CS,AW	CS	LE	ARG	CL	x	x	0.27	0.22	0.42	63	34
CS,AW	CS	LE	ARG	IS20	x	x	0.24	0.19	0.41	51	34
CS,AW	CS	LE+	ARG	CL	x	x	0.27	0.16	0.36	63	34
CS,AW	CS	LE+	ARG	IS20	x	x	0.24	0.14	0.36	51	34
CS,AW	AW	LE	ARG	CL	x	x	0.27	0.22	0.42	59	34
CS,AW	AW	LE	ARG	IS20	x	x	0.25	0.21	0.41	48	34
CS,AW	AW	LE+	ARG	CL	x	x	0.27	0.16	0.38	59	34
CS,AW	AW	LE+	ARG	IS20	x	x	0.25	0.16	0.36	48	34

WW Standard IGU consisting of dual double strength glass, LowE/Clr, Argon 90, Warm-edge spacer.

# Signature™ series Thermal Value Results

Series	Config	Class 1	Spacer	Class 2	U-Value	SHGC	VLT	CR	STC
330 PW	PW	LE	ARG	CL	0.27	0.34	0.62	63	30
330 PW	PW	LE	ARG	IS20	0.23	0.30	0.59	51	30
330 PW	PW	LE+	ARG	CL	0.27	0.21	0.48	62	30
330 PW	PW	LE+	ARG	IS20	0.23	0.21	0.47	51	30
330 SH, SL	SH	LE	AIR	CL	0.33	0.28	0.54	56	31
330 SH, SL	SH	LE	ARG	CL	0.30	0.28	0.54	59	31
330 SH, SL	SH	LE	ARG	IS20	0.26	0.27	0.53	49	31
330 SH, SL	SH	LE+	ARG	CL	0.30	0.21	0.48	59	31
330 SH, SL	SH	LE+	ARG	IS20	0.26	0.20	0.47	49	31
330 SH, SL	SH	LE+	ARG	IS20	0.26	0.20	0.47	49	31
330 SH, SL	SL	LE	AIR	CL	0.33	0.28	0.55	57	31
330 SH, SL	SL	LE	ARG	CL	0.29	0.28	0.55	60	31
330 SH, SL	SL	LE	ARG	IS20	0.26	0.27	0.53	50	31
330 SH, SL	SL	LE+	ARG	CL	0.29	0.21	0.48	60	31
330 SH, SL	SL	LE+	ARG	IS20	0.26	0.20	0.47	50	31

WW Standard IGU consisting of dual double strength glass, LowE/Clr, Argon 90, Warm-edge spacer.

# Firma™ Thermal Value Results

Patio Door System

Series	Config	Class 1	Spacer	Class 2	Spacer	Class 3	U-Value	SHGC	VLT	CR	STC
159 PD	Patio Slider	LE	ARG	CL	X	X	0.28	0.29	0.56	61	30
159 PD	Patio Slider	LE	ARG	IS20	X	X	0.24	0.28	0.54	50	30
159 PD	Patio Slider	LE+	ARG	CL	X	X	0.28	0.21	0.50	61	30
159 PD	Patio Slider	LE+	ARG	IS20	X	X	0.24	0.20	0.50	61	30
159 PD	Patio Slider	LE+	ARG	CL	ARG	LE+	0.21	0.18	0.34	65	N/A

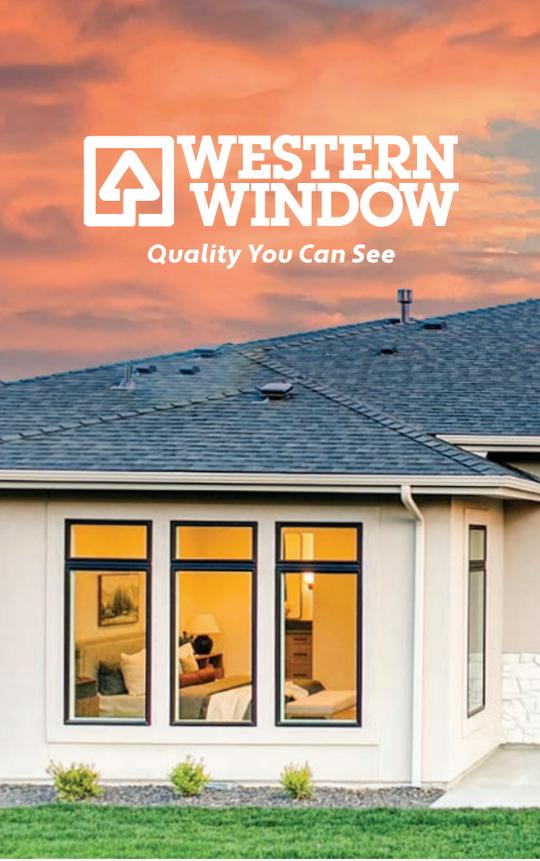
WW Standard IGU consisting of dual double strength glass, LowE/Clr, Argon 90, Warm-edge spacer.

## Abbreviation Meaning

AIR	The earth's atmosphere consisting primarily of Nitrogen, Oxygen and Argon
ARG	Argon gas
AW	Awning window
CL	Clear glass
CR	Condensation resistance
CS	Casement window
FS	Fixed sash window for equal sight-lines
IS20	A hard-coat applied to the interior surface to enhance thermal insulation
LE	LowE soft coat of 2 applications of silver to the glass
LE+	LowE soft coat of 3 applications of silver to the glass
PW	Picture window
SH	Single hung window
SHGC	Solar Heat Gain Coefficient
SL	Slider window
STC	Sound Transmission Class
VLT	Visible Light Transmission



**WESTERN WINDOW**  
Quality You Can See



[western-window.com](http://western-window.com)



Dealer /  
Distributor