

# 2900/4900 Series

Premium New Construction Single-Hung Window



## PARTNER OF THE YEAR

Andersen Corporation, including its subsidiary Silver Line Building Products LLC, earned the 2010 ENERGY STAR® Partner of the Year award.

**Silver Line**<sup>®</sup>  
WINDOWS • DOORS <sup>®</sup>  
an Andersen Company

# 2900 Series Premium New Construction Single-Hung Window



## 2900 Series Single-Hung Window

### Features & Benefits:


- Energy efficient insulated glass helps save energy and helps reduce heating and cooling costs
- Fusion-welded vinyl frame and sash create strong, weathertight corners
- Dual weatherstripping virtually eliminates drafts for a more energy efficient home
- Sized to easily upgrade to our 3900 Series premium double-hung window without costly reframing
- Integral “J” channel allows for neat, easy trimming of exterior siding to the window
- Colonial brickmold design has a traditional appearance
- Grilles are sealed within the glass for easy cleaning

From its elegant exterior appearance to its sturdy construction, the Silver Line® 2900 Series single-hung window is our premium window. An excellent balance of energy savings and low maintenance is achieved with this incredibly durable and attractive vinyl window. It combines the classic look of colonial molding with high quality craftsmanship to help keep out the elements. This new construction window allows you to create an endless array of design possibilities with its vast selection of styles, sizes and shapes. Easy installation and improved energy savings make the 2900 Series single-hung window an excellent choice for your home.

## 2900 Series New Construction Single-Hung Window Sizes - Nominal, Actual and Rough Opening Sizes

			Nominal Size	1/8	2/0	2/4	2/6	2/8	3/0	3/2	3/4	3/8	4/0
			Actual Size	20"	24"	28"	30"	32"	36"	38"	40"	44"	48"
			Rough Opening*	20 1/2"	24 1/2"	28 1/2"	30 1/2"	32 1/2"	36 1/2"	38 1/2"	40 1/2"	44 1/2"	48 1/2"
3/0	36"	36 1/2"											
3/2	38"	38 1/2"											
3/8	44"	44 1/2"											
3/10	46"	46 1/2"											
4/0	48"	48 1/2"											
4/2	50"	50 1/2"											
4/4	52"	52 1/2"											
4/6	54"	54 1/2"											
5/0	60"	60 1/2"											
5/2	62"	62 1/2"											
5/6	66"	66 1/2"											
6/0	72"	72 1/2"											
6/2	74"	74 1/2"											

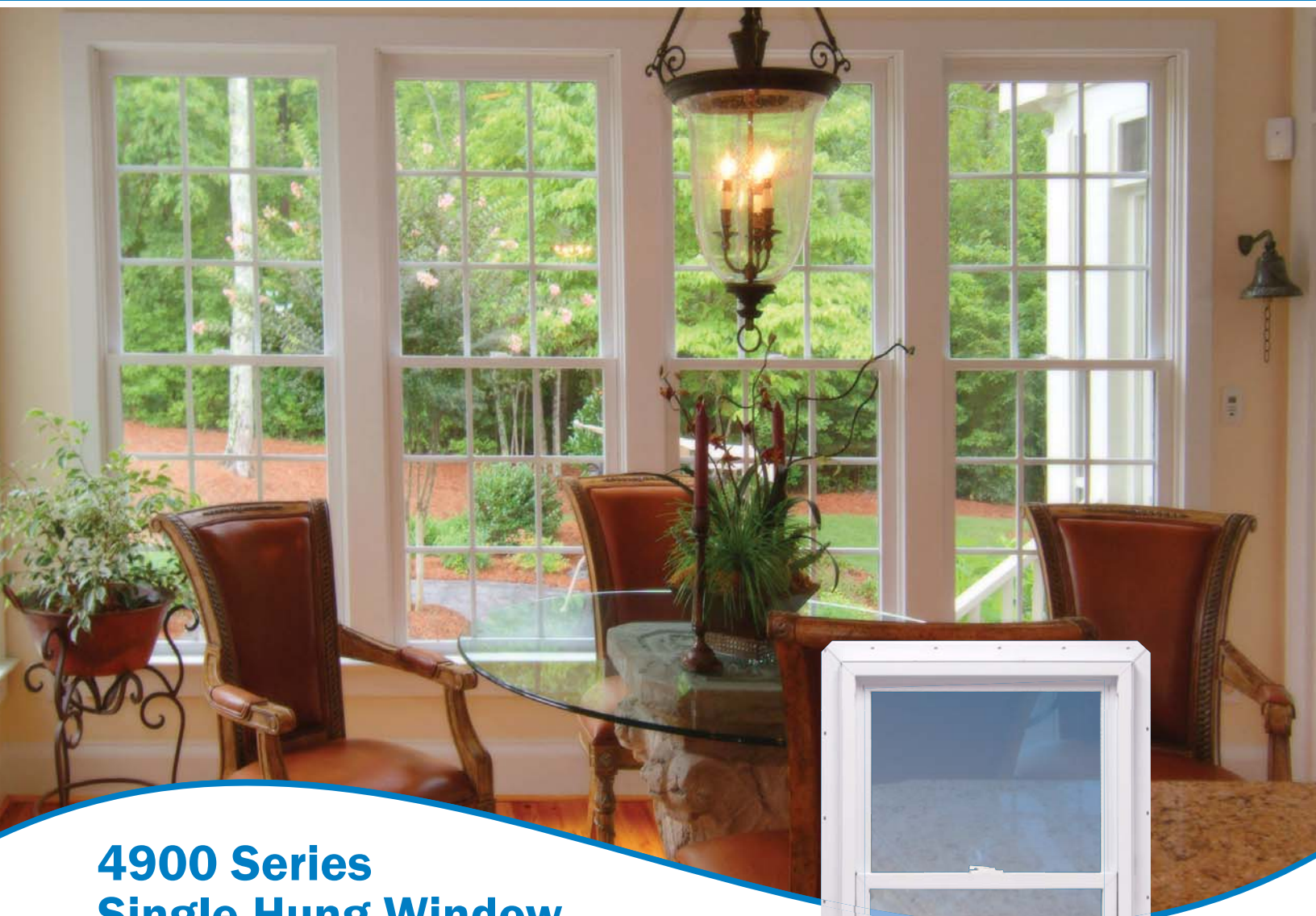
### NOTES:

 Egress Size:  
 Clear opening of 5.7 sq. ft. or greater  
 Clear opening width of 20" or greater  
 Clear opening height of 24" or greater

- Actual size is inside frame dimension, not including nailing fin
- Window elevations are shown with optional grille patterns. Grille patterns shown are standard grille patterns for appropriate window sizes

\* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.

# 4900 Series Premium New Construction Single-Hung Window



## 4900 Series Single-Hung Window

### Features & Benefits:

- All the same energy efficient features of the 2900 Series single-hung window
- Made to match popular wood double-hung window sizes
- Allows window openings to be framed to one set of sizes
- Offers the flexibility to install an affordable single-hung or upgrade to our premium 3000 Series double-hung window
- Helps avoid costly reframing to switch from a single-hung to a double-hung window



The Silver Line® 4900 Series single-hung window offers all the benefits of our premium single-hung window but in popular wood double-hung window sizes. It offers greater flexibility when designing and building a home by framing a house for our affordable single-hung windows but leaving the option to upgrade to our premium 3000 Series double-hung window. The 4900 Series single-hung window offers all the great features of the durable and attractive 2900 Series single-hung window but adds the option of flexibility.

# 4900 Series New Construction Single-Hung Window Sizes - Nominal, Actual and Rough Opening Sizes

		Nominal Size	1/8	2/0	2/4	2/8	3/0	3/4	3/8
		Actual Size	21 3/4"	25 3/4"	29 3/4"	33 3/4"	37 3/4"	41 3/4"	45 3/4"
		Rough Opening*	22 1/4"	26 1/4"	30 1/4"	34 1/4"	38 1/4"	42 1/4"	46 1/4"
2/10	36 3/4"	37 1/4"							
3/2	40 3/4"	41 1/4"							
3/10	48 3/4"	49 1/4"							
4/2	52 3/4"	53 1/4"							
4/6	56 3/4"	57 1/4"							
5/2	64 3/4"	65 1/4"							
5/6	68 3/4"	69 1/4"							
6/2	76 3/4"	77 1/4"							

**NOTES:**

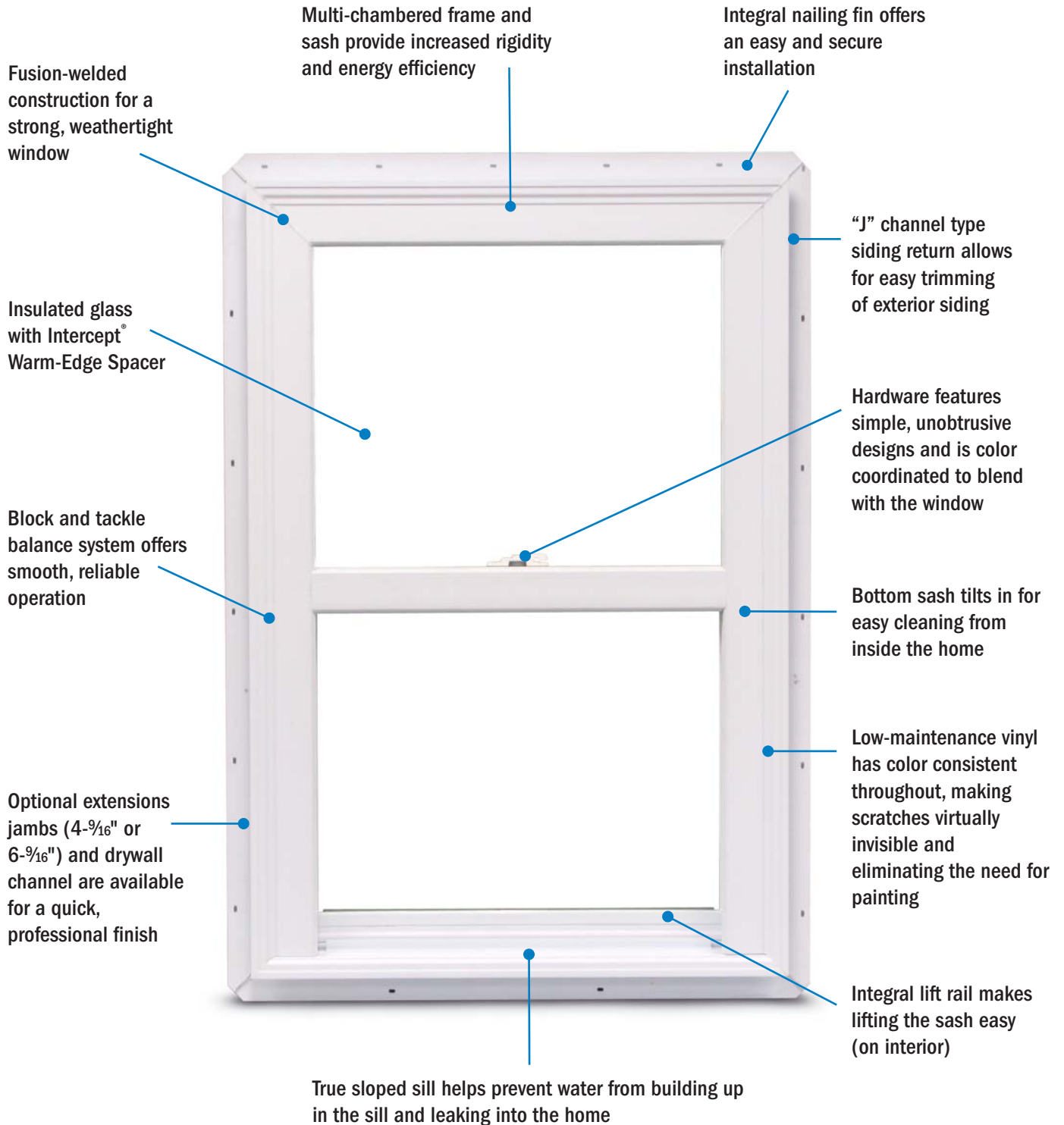
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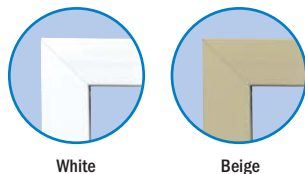
# 2900/4900 Series Single-Hung Window Features

This high performing window is loaded with value-added features.



## Color

These Silver Line® vinyl windows are available in white and beige. The color is consistent throughout the frame and sash, making scratches virtually invisible.



## Energy Efficient Glass Options

All Silver Line windows and doors are available with energy efficient, dual-pane glass options to achieve the level of comfort and energy savings you are looking for. This window offers:

**LoE2 Glass** – Designed to efficiently and transparently reflect heat, this glass helps keep your home warmer in the winter and cooler in the summer. This can help reduce your energy bills while still ensuring exceptional clarity.

**LoE3 Glass** – This highly efficient glass helps reflect even more heat, resulting in increased comfort and energy savings year-round.

**Argon Gas Fill** – An odorless, non-toxic gas that helps reduce heat loss, helping to save on heating costs.

## ENERGY STAR®



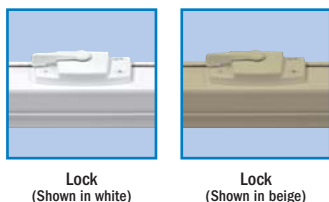
**PARTNER OF THE YEAR**

Andersen Corporation, including its subsidiary Silver Line Building Products LLC, earned the 2010 ENERGY STAR® Partner of the Year award.

When shopping for windows, look for windows that have the ENERGY STAR® label. These windows are deemed to be energy efficient by the U.S. Department of Energy. This window meets ENERGY STAR version 5.0 qualifications in all 50 states with optional LoE3 glass and Argon gas.

## Hardware

Color coordinated to match the window and designed to provide easy operation.

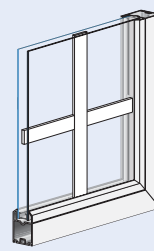


\* Available with flat grilles only

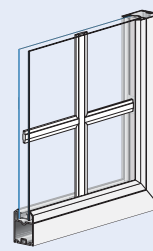
Printing limitations prevent exact color duplication. See your Silver Line supplier for actual color samples. Silver Line does not warrant that inert gas infills (such as Argon gas), sealed in the insulated glass unit at the point of manufacture, will not dissipate over time. Silver Line reserves the right to change product designs, specifications, details and pricing at any time without prior notification.

## Grilles and Patterns

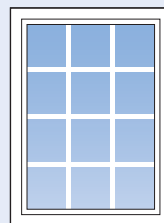
Our grilles-between-the-glass options are specially designed to enhance your home's décor and make cleaning your windows a breeze. Grilles are available in several different patterns that are sure to add style to any home.



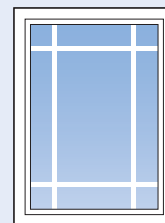
Flat



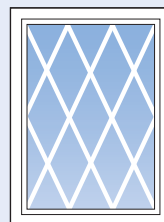
Contour



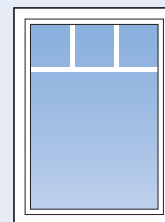
Colonial



Prairie



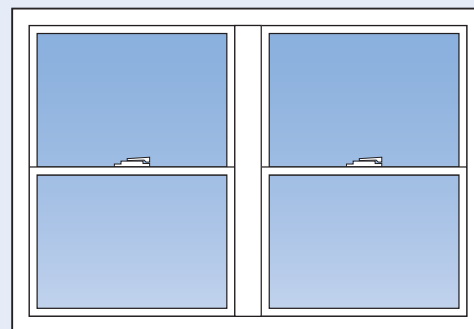
Diamond\*



Valance

## Continuous, One-Piece Frame

Twin, triple and combination windows are offered with a continuous, one-piece frame and common intermediate jambs. This provides a more attractive window that is easier to handle and install. The continuous frame feature also reduces labor by eliminating the mulling of separate windows at the job site.



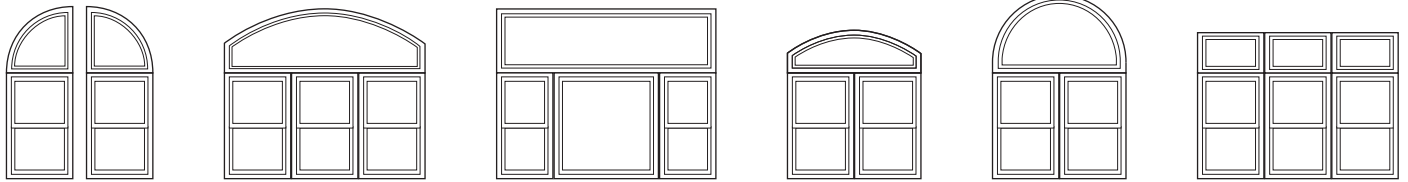
## Finishing Accessories

A special groove on the interior of this window allows for various accessories to be easily attached for a quick and professional finish. If you are trimming your windows with molding, we offer factory installed clear or primed wood extension jambs: 4-9/16" for 2 x 4 walls or 6-9/16" for 2 x 6 walls. For drywall applications we offer a snap-in return for a clean finish.



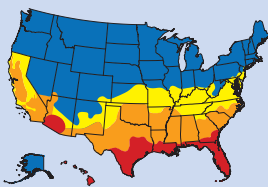
## Design Flexibility

Our complete product line of single-hungs, picture windows, transoms and geometric shapes can be combined in many ways. With so many window styles and sizes available, the design possibilities are virtually endless. The Silver Line mulling system features strong, durable mullions, allowing you to stack windows in numerous configurations.



For more information on Silver Line® windows and doors visit us at [www.silverlinewindows.com](http://www.silverlinewindows.com) or call us at 800.234.4228

Performance labels provide the U-Factor and SHGC ratings of a product. The lower the U-Factor, the more you'll save on heating bills. A low SHGC rating will help save on cooling costs. This window has been tested and certified to NFRC standards for energy efficiency.



Glass Type	Glass Thickness	No Grilles			Grilles		
		U-Factor	SHGC	ENERGY STAR	U-Factor	SHGC	ENERGY STAR
Clear	2.2mm	0.48	0.64	-	0.48	0.57	-
	3.0mm	0.49	0.62	-	0.49	0.56	-
LoE2	2.2mm	0.34	0.34	-	0.34	0.31	-
	3.0mm	0.35	0.34	-	0.36	0.30	-
LoE2 w/ Argon Gas	2.2mm	0.30	0.34	■ ■	0.30	0.30	■ ■ ■
	3.0mm	0.31	0.33	■	0.32	0.30	■ ■
LoE3	2.2mm	0.34	0.26	■ ■	0.34	0.23	■ ■
	3.0mm	0.34	0.26	■ ■	0.36	0.23	■
LoE3 w/ Argon Gas	2.2mm	0.30	0.25	■ ■ ■ ■	0.30	0.23	■ ■ ■ ■
	3.0mm	0.30	0.25	■ ■ ■ ■	0.30	0.23	■ ■ ■ ■

Thermal data shown is for products with standard glass construction required to meet published Performance Grade or Design Pressure ratings. Select sizes and/or configurations also require insulating foam. To ensure you receive ENERGY STAR qualified performance, Silver Line will include insulating foam in these sizes and/or configurations at a modest charge.

This window has been tested to the AAMA/WDMA/CSA 101/I.S. 2/A440 standard for product performance. A product only achieves the resulting Performance Grade (PG) or Design Pressure (DP) rating if it complies with all the requirements in the standard (i.e. structural loading, air infiltration resistance, water penetration resistance, etc.). A higher PG or DP rating indicates the product has passed higher performance requirements to the AAMA/WDMA/CSA 101/I.S. 2/A440 testing standard.

Type	Size	Rating
Single	38" x 66"	DP 50
	44" x 74"	DP 35
	48" x 84"	DP 20