

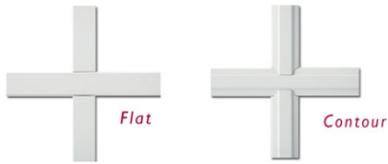
# Model 5100

New Construction

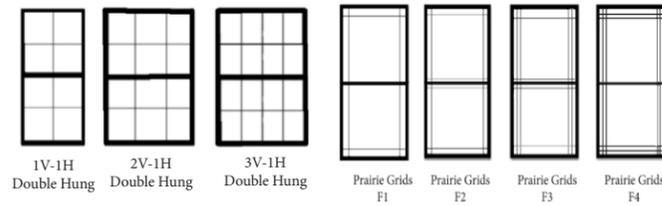
## Accessories, Options

### Grids:

Optional grids between glass add a distinctive look to your home's curb appeal and eliminate cleaning.



### Suggested Grid Patterns



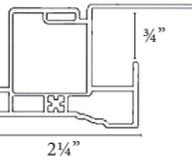
# New Construction Vinyl Windows

### Frame Accessory Options:



#### 2 1/4" Large Brickmold

A large traditional exterior brickmold window frame surround is factory cut to size and precision welded into one piece, then easily applied after window installation, creating a beautiful and maintenance free finish solution. It includes an integral j-channel around the entire perimeter to accept siding up to 3/4".



#### Dry Wall Return

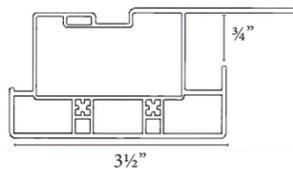
Factory applied accessory accepts 1/2" to 5/8" drywall to assure a quality and consistent drywall finish application.



Head View Exterior

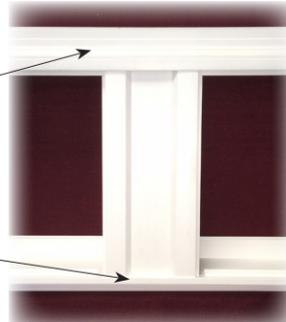
#### 3 1/2" New England Large Flat Casing

A classic large New England colonial exterior window frame surround is factory cut to size and precision welded into one piece, then easily applied after window installation, creating a beautiful and maintenance free New England casing finish solution. It includes an integral j-channel around the entire perimeter to accept siding up to 3/4".



#### Continuous Head & Sill

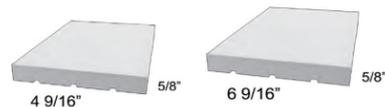
Twin and triple windows are elegantly fitted into one continuous master frame for ease of installation and weather tightness.



Sill View Exterior

#### Extension Jambs

Factory applied extension jambs available in 4 9/16", 6 9/16" and custom sizes to complete interior finish.



Sill View interior with Pine 6 9/16" extension jambs.

#### Bullnose Sill Trim

Bullnose Sill Trim is field applied with ease to finish the window sill when 3 1/2" flat casing or large brickmold are utilized.



# Model 5100

New Construction

OUTSTANDING ENERGY EFFICIENCY  
STRENGTH • BEAUTY • VALUE



# Model 5100

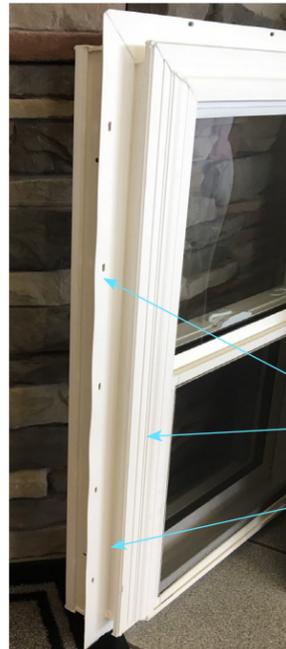
New Construction

## Features, Styles, Balance

# Model 5100

New Construction

## Glass/Glazing Process



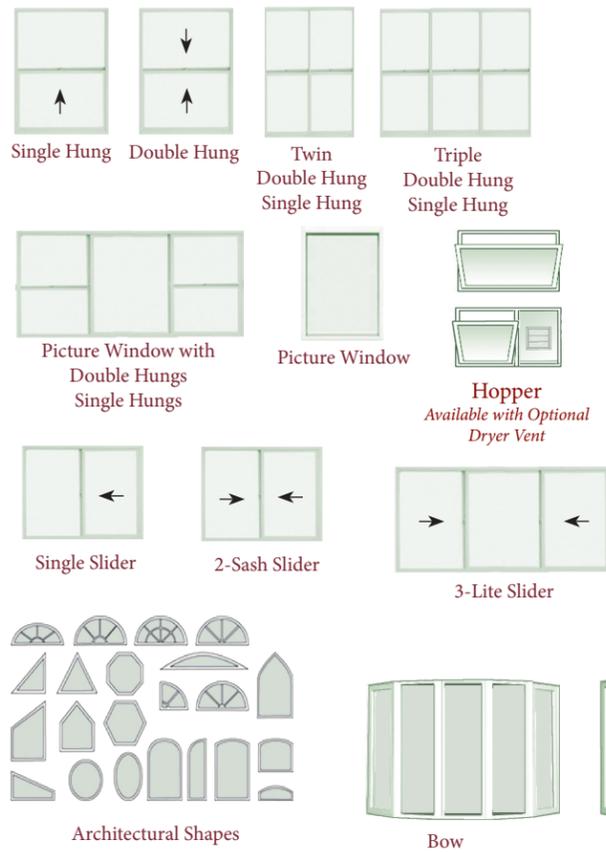
Model 5100 New Construction Vinyl Windows feature state-of-the-art materials and precision manufacturing details to create added value and a beautiful appearance.

### Model 5100 Single & Double Hung Features:

- Fully welded frame & sash with pre-punched nail fin
- New Light Lift™ SP Sash Balance System
- Duralite™ warm edge insulated glass spacer system
- Full lift handle
- True sloped sill
- 3/4" insulated glass
- Optional Low E/Argon gas
- Optional flat or contour grids between glass
- Exterior glazed with dual wall tower technology
- Night latches (Double Hung only)
- White; optional custom painted exteriors
- Beautiful brickmold design exterior profile
- Half screen or full screen option
- Standard and custom sizes
- Optional 4 9/16", 6 9/16" and Custom Extension Jambs in finished white composite, primed white and clear pine
- Optional PG-50 (Performance Grade)
- More glass, more light
- Limited Lifetime Warranty

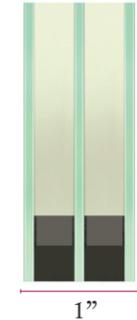


### Window Styles:



For Casement/Awning applications use InSight Model 6800.

### Glass Packages:



### Whole Window NFRC\* Certified Dual Energy Saver Glass Packages

	U-Factor:	SHGC:(1)
Double Hung/Slider Low E + clear; argon	.27	.30
South Glass Pack Low E South + clear; argon	.27	.22

Don't be fooled by companies that promote center-of-glass U-Factors. Accept only NFRC certified Whole Window U-Factors.

### Triple Fuel Saver Glass Package\*

Double Hung & Slider Low E + Low E + clear; argon + argon	.21	.24
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Bringing Glazing Technology to a Whole New Level

### InDuraClean Water Filtration System:

- Step 1:** Sophisticated multistage water purification system.
- Step 2:** The purified water is then deionized to remove small mineral deposits.
- Step 3:** Deionized water is additionally subjected to ultraviolet light to kill bacteria.
- Result:** Minimal water usage to conserve natural resources, minimal detergent use, exceptionally clean glass panes that aggressively adhere to the DuraLite spacer to assure the very best insulated glass seal.

### InDuraClean Glass Sealing Clean Room:

- Step 1:** The clean room filters air to remove dust and other pollutants.
- Step 2:** Technicians wear specialized gloves and surgical masks.
- Step 3:** Positive pressurization forces filtered air from the clean room.
- Step 4:** Climate is controlled for glass spacer application while keeping technicians comfortable.
- Step 5:** Air is dehumidified for optimal spacer application.
- Result:** The cleanest glass and best insulated seal possible.

### OptiGas® Fill Equipment:

- Interstate has a 95% argon gas fill rate—an industry best.
- The OptiGas advanced, precise gas filling system allows individual insulated glass units to reach optimal energy saving U-factors.
- OptiGas measures the actual amount of argon gas flowing into each insulated glass unit to precisely control the gas fill, assuring optimal thermal performance and energy efficiency.



ENERGY STAR qualified in all 50 states



InDuraClean Glass Sealing Clean Room



OptiGas

\* National Fenestration Rating Council

\*Glass Package values are determined utilizing 2.3 mm single strength glass panes. Values can vary depending on use of different glass thicknesses, grid options, tempered glass and other glass options and sash/frame structural reinforcement. Other thermal values are possible by special glazing, framing and grid applications. Consult Interstate.

(1) SHGC, Solar Heat Gain Coefficient is the fraction of incident solar radiation admitted through a window, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed in a number between 0 and 1. The lower the window's Solar Heat Gain Coefficient, the less solar heat it transmits.