New Construction
Vinyl Windows
Look to our own Hancock Classics™ premium vinyl windows and doors for one of the best values you can find — windows and doors that will last a lifetime.

We’re proud to offer premium vinyl, new construction windows at an exceptional value. You’ll appreciate our low-maintenance windows, which add beauty, warmth, durability, and value to your project.

They reflect the same proven commitment to customer service, integrity, and quality our business has had for years.

Manufactured exclusively for us by Mathews Brothers, with meticulous engineering and efficient manufacturing technology, Hancock Classics offer the features and benefits usually found only on the most expensive windows.

Select from double or single hung, twin or single vent slider, picture windows, casements, awnings, bay and bow windows, and patio doors. No matter what your project calls for, there’s a Hancock Classics style that will harmonize beautifully.

What’s more, your windows will be thermally efficient and easy to clean and operate. Designed with a balance system that never needs adjustment, Hancock Classics are backed by one of the industry’s strongest warranties, our exclusive Classics Plus™ Warranty.
New Construction Vinyl Windows

Classics Plus™ Lifetime Limited Warranty
The Hancock Classics Plus™ Lifetime Limited Warranty covers it all — for life! Even more remarkable, if a factory defect needs repair within the first five years, we will even provide the labor required.

GENERAL SCOPE
- Covers labor for five years and materials for a lifetime
- Transferable to a second owner up to 20 years
- Features a standard commercial warranty of 20 years
- The best warranty in the business

Classics Plus™ Protection

LENGTH OF COVERAGE
Very simply stated: we warrant that all of our high performance vinyl windows, including Sealed Insulating Glass Units, will be free from manufacturing defects during the lifetime of the original purchaser so long as the original purchaser retains ownership of the property in which the windows were installed. Period.

CLASSICS PLUS PROTECTION
It has been shown that the vast majority of all window warranty claims are made within the first three years of installation. Therefore, all Hancock Classics windows and doors are covered by our exclusive Classics Plus protection, assuring you of the maximum protection for a period of five years following the date installation has been completed. This valuable feature provides additional security to you, and warrants that Mathews Brothers Company (MBC), at no charge, will repair or replace at its option any window proven to be defective during the initial five-year period following initial installation. Simply put, if a manufacturing defect is discovered during the Classics Plus period, MBC will provide reimbursement up to 100% of the cost of the products and labor required to repair or replace the defective window.

Please review our Lifetime Limited Warranty disclaimer for complete details. Remember, the only reason our warranty can be this good is because of the quality of windows it covers.

Hancock Lumber Since 1848 / Mathews Brothers Since 1854
Standing behind the Hancock Classics products are two Maine-based companies dating back to the 19th century. Imagine that, companies who have forged ahead through 150+ years of technology and innovation, recessions and depressions, generations of family ownership — and are still standing strong today with flourishing businesses. In fact, Mathews Brothers is America’s oldest window company. Hancock Lumber is proud to be connected to another long-standing, Maine company whose values and ethics mirror its own.

www.HancockLumber.com/windows
When you consider energy efficiency, perhaps the most critical part of any window is the insulating glass system. It makes sense that the insulating glass system should be made of glass that has the largest surface area. When you understand these regional differences, it only makes sense: the glass has the largest surface area.

You Invisible Barrier
When you consider energy efficiency, perhaps the most critical part of any window is the insulating glass system. It only makes sense: the glass has the largest surface area.

Windows Can Help
To understand how windows can help, you must first understand that energy is lost through windows in three major ways: conduction, convection and radiation.

Conduction
The framing of all Hancock Classics windows is made from vinyl, a natural insulator. To prevent energy loss through conduction, all insulated glass units utilize Duralite® “warm edge” technology. Using a low-conductance spacer, this method assures maximum resistance to energy flow.

Convection
Energy can also be lost through natural convection currents that can form within the insulating glass. That’s why Hancock Classics glass is 3/4” thick, shown by government testing to be the optimum dimension to prevent these convection currents.

Radiation
Radiation occurs when long wave heat energy moves toward cold areas. The most effective barrier to radiation is an optimal special Low-E (low-emissivity) coating, a standard part of our glass.

This special coating actually reflects the long wave radiation back to its source. This is important to understand, as radiation affects energy consumption, no matter what part of the country you call home.

Solar Gain vs. Heat Loss
The concerns of home owners in the North are quite different than those in the South. In the North, where heating is a concern, glass must allow maximum solar gain, while preventing heat loss. Conversely, Southern home owners are concerned with unwanted solar heat gain, when long wave radiation raises cooling costs. When you understand these regional differences, it makes sense that the insulating glass system should be manufactured to address those concerns.

Low-E Glass
Low-E insulated glass provides the best year-round performance and decreased energy costs. In the winter, by reflecting heat back into the home, Low-E glass helps keep homes warmer providing improved comfort and reduced condensation. Low-E glass blocks most of the harmful UV rays and the majority of the sun’s infrared heat, so homes will stay cooler in the summer and interior furnishings fade less. That’s why Hancock Classics glass systems are tailored for maximum energy efficiency for the climate we serve. We produce each of our insulated glass units to be specifically engineered to lower your energy bills, and reduce noise transmission.

National Fenestration Rating Council
The National Fenestration Rating Council (NFRC) is a nonprofit, public/private organization created by the window, door, and skylight industry. It is composed of manufacturers, suppliers, builders, architects and designers, specifiers, code officials, utilities, and government agencies. The NFRC has developed a window energy rating system based on whole product performance.

The NFRC label provides the only reliable way to determine the window energy properties and to compare products. The NFRC label appears on all products certified to the NFRC standards and on all window, door, and skylight products which are part of the ENERGY STAR® program. At this time, NFRC labels on window units give ratings for U-factor, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VT).

ENERGY STAR®
Hancock Lumber is proud to offer our customers products that have earned the government’s ENERGY STAR® label.

ENERGY STAR is a government-backed program that helps consumers identify the most energy-efficient products. Learn more at www.energystar.gov.
Hancock Classics New Construction Windows are specifically designed to meet the discerning needs of architects, builders, homeowners, and the changing needs of the residential building industry. The result is a high-performance series of vinyl windows that features aesthetically integrated window styles, strength, and durability.

**Features**
- Highest quality vinyl for a lifetime of trouble-free performance
- Full 3¼" jamb depth chambered frame for maximum structural integrity
- Fusion-welded frames and sashes for extra strength and durability
- ¾" insulated glass with Duralite® warm edge spacer technology
- Low-E coating system helps control heat transfer
- Meets ENERGY STAR® requirements
- Better View screen

**Window Systems**
- Single-hung, double-hung, slider, and fixed windows come with a double-wall, integral J-channel designed into the frame, eliminating the cost of an add-on J-channel while providing a pleasing “beveled” exterior look
- Full range of geometric shapes and transoms provide a wide range of architectural choices
- Available in colonial, prairie, and custom grille patterns with flat or contour shaped muntin bars

**Bay/Bow**
- Bay/Bow windows offer Low-E glass, and insulated head and seat board

**Color Options**
- Our windows come standard in white, with optional desert sand interior/exterior. Additional exterior colors are available. Check with our sales representative for the latest color choices or custom color availability.

**Grille Options**
- A full array of custom grille patterns is available. Please consult with our local representative.

**Defining Features**
1. Double-wall, integral J-channel designed into the frame, eliminating the cost of an add-on J-channel while providing a pleasing “beveled” exterior look.
2. Heavy walled PVC framing acts as a natural insulator.
3. Dead air spaces within the frame and sash profiles further resist energy flow.
4. Closed cell compression seal at sloped sill resists air and water penetration.
5. Fin seal weatherstripping at sill further reduces air infiltration.
6. 3/4-inch insulating glass provides optimum energy efficiency.
7. “Warm edge” low conductance spacer resists energy flow through the edge of glass.
8. Water management grooves channel moisture away from insulated glass sealant.
9. Dual hollows at lift rail add strength and insulation.
10. High Performance Glass utilizes Low-E coating specifically engineered for local requirements.
11. Direct set back bedding bonds glass to sash, reducing air and water infiltration potential.
12. Rigid screen pocket on sill reduces “screen rattle,” even on windy days.

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**Hancock Classics**

<table>
<thead>
<tr>
<th>Window Feature</th>
<th>Poor Solution</th>
<th>Minimum Solution</th>
<th>Optimum Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interlocking Sash</td>
<td>No weatherstripping or interlock at meeting rail</td>
<td>Weatherstripping at meeting rail, no interlock</td>
<td>Weatherstripped interlocking sashes</td>
</tr>
<tr>
<td>Glass Package</td>
<td>Single glazed, possibly with storm windows</td>
<td>¼&quot; clear insulating glass, inefficient metal spacer</td>
<td>¼&quot; Low-E glass with warm edge nonconductive spacer</td>
</tr>
<tr>
<td>Glass Spacer</td>
<td>None</td>
<td>Heat conductive metal</td>
<td>Duralite® composite</td>
</tr>
<tr>
<td>Locks/Keeper</td>
<td>Single “sweep arm” lock, keeper is part of frame</td>
<td>Pop-nailed “sweep arm” lock, keeper attached to rail</td>
<td>Screwed in “Cam-Action” lock, keeper screwed to rail</td>
</tr>
<tr>
<td>Frame/Sash Material</td>
<td>Screwed together wood or aluminum</td>
<td>Screwed together vinyl or clad wood</td>
<td>Fusion welded vinyl for maximum strength and integrity</td>
</tr>
<tr>
<td>Warranty</td>
<td>None or limited</td>
<td>20 years, but for parts only</td>
<td>Lifetime, with initial 5-year coverage for labor</td>
</tr>
</tbody>
</table>

This chart states solutions with other window brands. By choosing Hancock Classics, you benefit from the optimum solution for new windows in your home.
**Single & Double-Hung Features**

**Single-Hung**
- Patented built in J-channel is recessed into frame
- Fixed meeting rail interlocks with operating sash to minimize air infiltration
- Moveable sash tilts in for easy cleaning
- Heavy gauge vinyl frame extrusion for strength & durability
- Sloped sill drains water away from house

**Double-Hung**
- Deep pocketed head with compression seal weatherstrip
- Top and bottom sash tilt in for easy cleaning
- Top and bottom sash interlock at meeting rails for added security and to minimize air infiltration
- Composite cam lock and keeper

**CASEMENT WINDOW FEATURES**
- Specially designed airtight seal, cuts off the maximum amount of air flow while increasing tightness
- Heavy wall reinforced construction, allows for slim line look while insuring maximum strength and durability
- Multi-point lock
- Low profile curved lock, lies flat out of the way of window treatments
- Low torque operator, crank requires 33% less operating force
- Airtight operator cover included
- Optional: fold down handle with nesting cover
- Optional: add on J-channel (not shown)

**Pediment Features**
Increase visual interest and value to your windows by adding a traditional crosshead to your exterior casing. This architectural feature is truly a stunning improvement that can be used with or without casing. Made with weather-resistant vinyl for a lifetime of beauty, style, and elegance.

**MidCoast Baptist Church, Brunswick, Maine**
Single-Hung (widths 20” to 48”)

Call out sizes are calculated in inches.

†Meets single egress of:
- clear openable area 5.7 sq. ft;
- clear openable width 20 inches;
- clear openable height 24 inches.

Additional egress sizes may be available with modification.

Double-Hung (widths 20” to 48”)

Call out sizes are calculated in inches.

†Meets single egress of:
- clear openable area 5.7 sq. ft;
- clear openable width 20 inches;
- clear openable height 24 inches.

Additional egress sizes may be available with modification.

†Not available in all regions.
Picture Windows

<table>
<thead>
<tr>
<th>Rough-Opening</th>
<th>15&quot;</th>
<th>16&quot;</th>
<th>18&quot;</th>
<th>20&quot;</th>
<th>24&quot;</th>
<th>26&quot;</th>
<th>28&quot;</th>
<th>30&quot;</th>
<th>32&quot;</th>
<th>36&quot;</th>
<th>38&quot;</th>
<th>40&quot;</th>
<th>42&quot;</th>
<th>44&quot;</th>
<th>46&quot;</th>
</tr>
</thead>
</table>

Grille patterns for 60-inch and 66-inch picture windows and transoms will vary:
- Casement picture windows are 5 lites high;
- Single hung and double hung picture windows are 4 lites high.

Bay and bow windows are custom manufactured to fit your specifications.

Bay windows are made of windows at 30° and 45° angles

Bow windows are made of windows at 10° and 15° angles

Samples shown as viewed from outside

Transom

<table>
<thead>
<tr>
<th>Rough-Opening</th>
<th>32&quot;</th>
<th>36&quot;</th>
<th>38&quot;</th>
<th>40&quot;</th>
<th>42&quot;</th>
<th>44&quot;</th>
<th>46&quot;</th>
<th>48&quot;</th>
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</thead>
<tbody>
<tr>
<td>Expired Option</td>
<td>22 1/4&quot;</td>
<td>22 7/8&quot;</td>
<td>25 1/4&quot;</td>
<td>25 7/8&quot;</td>
<td>28 1/4&quot;</td>
<td>28 7/8&quot;</td>
<td>31 1/4&quot;</td>
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Both Picture Windows and Transom call out sizes are calculated in inches.

Call out sizes are calculated in inches.
*Applicable only for single operating slider.
†Meets single egress of:
clear openable area 5.7 sq. ft; clear openable height 74 inches; clear openable width 20 inches.
### Extended Arch (Fixed) and Eyebrow

| Series | Clear Openable Area (sq ft) | Clear Openable Width (in) | Clear Openable Height (in) 
|--------|-----------------------------|---------------------------|-----------------------------
| A      | 5.7 sq ft                   | 20 inches                 | 24 inches                  
| B      | 9.3 sq ft                   | 24 inches                 | 24 inches                  
| C      | 14.2 sq ft                  | 30 inches                 | 24 inches                  
| D      | 19.7 sq ft                  | 30 inches                 | 30 inches                  
| E      | 27.0 sq ft                  | 36 inches                 | 30 inches                  
| F      | 37.3 sq ft                  | 42 inches                 | 36 inches                  
| G      | 50.0 sq ft                  | 48 inches                 | 42 inches                  

**Call out indicates width expressed in inches and shoulder height (series code). Custom sizes available.**

### Casement/Fixed/Casement

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<th>粗略开口</th>
<th>15-1/2&quot;</th>
<th>16-1/2&quot;</th>
<th>17-1/2&quot;</th>
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</tbody>
</table>

**Call out is calculated in inches.**

†††Requires egress hardware

Call out indicates width expressed in inches and shoulder height (series code). Custom sizes available.
ARCHITECTURAL SHAPES & SIZES

Circle

- Diameter
- Circumference

Semi-Circle

- Diameter
- Width

Oval

- Width
- Height

Half-Oval

- Width
- Height

Quarter-Round

- Width
- Height

Elliptical

- Width
- Height

Octagon

- Width
- Height

ARCHITECTURAL DETAILS

Single-Hung Window

- Low profile sill shown
- Dimensions

Choose a model or right-hand size as viewed from the outside looking in.
Double-Hung Window

1. 2.452" x 2.050"
2. 1.000" x 2.240"
3. 1.250" x 3.800"
4. 3.130" x 3.800"
5. 3.290" x 3.800"

Double Slider Window

1. 2.118" x 2.500"
2. 3.652" x 2.062"
3. 1.605" x 2.250"
4. 1.125" x 1.125"
5. 2.772" x 2.665"

Single Slider Window

1. 3.125" x 3.800"
Hancock Classics Vinyl Siding Patio Doors

A statement of beauty with the confidence of security, the Hancock Classics door was designed with maximum glass area to capture the light, while conquering the elements. Through modern, computer-aided design engineering, the door possesses exceptional strength while minimizing frame area. Fusion welded corners keep the sash panels straight and true.

Doors see much more operational use over their lifetime than windows. The Hancock Classics patio door’s operation allows moveable panels to glide smoothly with minimum effort. The panels lock simply and securely with the highest quality hardware.

Standard Door Features:
- Tempered clear insulating Low-E glass
- Color matched die cast handle sets
- Integral nailing flange and integral J-channel
- Fusion welded joints
- Heavy-duty Better View™ insect screen

Optional Features:
- Grilles: Colonial or Prairie style available in matching White or Desert Sand
- Argon gas in air space
- Polished Brass, Oil Rubbed Bronze, or Satin Nickel keyed or non keyed handle
- Stainless steel rollers for door panel
- Desert Sand color with matching handle sets
- Exterior keylock

Standard Sizes and Configurations (custom sizes available)

<table>
<thead>
<tr>
<th>TWO PANEL DOORS</th>
<th>THREE PANEL DOORS</th>
<th>FOUR PANEL DOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE5068</td>
<td>60 x 80</td>
<td>59.5 x 79.5</td>
</tr>
<tr>
<td>RE6068</td>
<td>72 x 80</td>
<td>71.5 x 79.5</td>
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<tr>
<td>RE8068</td>
<td>96 x 80</td>
<td>95.5 x 79.5</td>
</tr>
<tr>
<td>RE50611</td>
<td>60 x 82.5</td>
<td>59.5 x 82</td>
</tr>
<tr>
<td>RE60611</td>
<td>72 x 82.5</td>
<td>71.5 x 82</td>
</tr>
<tr>
<td>RE80611</td>
<td>96 x 82.5</td>
<td>95.5 x 82</td>
</tr>
</tbody>
</table>
Stability & Longevity
When you make an investment in a building project with Hancock Lumber, you know that we will be available in the future to answer questions, solve problems, and stand behind our products. When it comes to building materials, we believe it is an advantage to be able to buy from someone you know and trust. Make us part of your team!

Hancock Classics New Construction Windows
available at any Hancock Lumber location!