A High-Performance Window Series
Exclusively From Vytex Windows
The Vytex Potomac-hp Series is one of the world's most efficient window systems; providing up to R-6 performance. One of the strongest welded window lines in the industry, Vytex Potomac-hp Series windows are manufactured from the highest-grade materials and tested to meet or exceed industry standards. They’re virtually maintenance-free, and will keep their like-new beauty and performance year after year.

Why Choose Vytex®?

Quality, style, and savings deliver real value—VytexValue™

Only Vytex Windows gives you Cut Above™ savings and style, with state-of-the-art energy-saving technologies that decrease your energy costs and custom design options that enhance the beauty and value of your home.
The Vytex Potomac-hp Series is one of the world’s most efficient window systems; providing up to R-6 performance. One of the strongest welded window lines in the industry, Vytex Potomac-hp Series windows are manufactured from the highest-grade materials and tested to meet or exceed industry standards. They’re virtually maintenance-free, and will keep their like-new beauty and performance year after year.
Seamless operation of integrated tilt latch and lock with the simple swing of a lever.

Constant Force balance system gives you fingertip window operation.

Magnetic insert compresses sash to frame for a tighter seal.

Welded sash and frame corners mean durability and dependability.

Special formula PVC never needs painting, makes cleaning a snap, and prevents scratching or denting.

Both sashes tilt in for easy cleaning.

Constant Force balance system allows years of easy, carefree window operation.

Integral interlock keeps windows closed tight for added security and weatherproofing.

VyCore™ Foam insulation in frame and sash provides maximum insulating performance.

Triple weatherstripping at all sealing locations decreases air and water infiltration.

Elegant, sculpted exterior for superior curbside appeal.

Full 1” sealed Insulated Glass Unit for increased insulating power.

Integrated sash lock and tilt system provides ease of use and greater forced entry resistance.

Magnetic seal virtually eliminates drafts, keeping your home comfortable.

DP R-65—198 mph wind load (200% stronger than industry minimum)
Add beauty, comfort, and style to your home.

The modern design and durability of our Potomac-hp Series Windows gives you the advantage of easy, convenient cleaning. The tilt-in sashes of our window make cleaning a breeze. Vytex engineers have virtually eliminated home window maintenance. You’ll never need to paint or scrape again. Unique thermal construction and the highest quality materials reduce your heating and cooling bills. Potomac-hp insulated glass windows keep you warmer in the winter and cooler in the summer.
features

Welded sash and frame corners means durability and dependability

Special formula PVC never needs painting, makes cleaning a snap, and prevents scratching or denting

Both sashes lift out for easy cleaning

Integral interlock keeps windows closed tight for added security and weatherproofing

VyCore™ Foam insulation in frame and sash provides maximum insulating performance

Triple weatherstripping at all sealing locations decreases air and water infiltration

Brass rollers provide long-lasting, reliable operation

Elegant, sculpted exterior for superior curbside appeal

Full 1” sealed Insulated Glass Unit for increased insulating power

Available in two-lite and three-lite configurations

DP R-45—164 mph wind load (175% stronger than industry minimum)
Vytex Potomac-hp Series two-lite slider windows open easily from both sides. Our two-lite sliders are engineered to operate smoothly time after time, year after year. Our three-lite slider windows give you a wide-open view and slide easily on brass rollers. They complement the decor of any style home.
Vytex windows | Potomac hp Series®

CASEMENT & AWNING

features

Welded sash and frame corners means durability and dependability

Special formula PVC never needs painting, makes cleaning a snap, and prevents scratching or denting

Casement windows open to a 90-degree angle, allowing easy cleaning

Low-profile, single lever, multi-point locking system for secure and easy operation

VyCore™ Foam insulation in frame and sash provides maximum insulating performance

Elegant, sculpted exterior for superior curbside appeal

Full 1” sealed Insulated Glass Unit for increased insulating power

DP C-65—198 mph wind load (200% stronger than industry minimum)

OPERATING HARDWARE

Casement windows open to a 90-degree angle, allowing easy cleaning.

MULTI-POINT LOCKING SYSTEM

Low-profile, single lever, multi-point locking system for secure and easy operation.

CASEMENT HANDLES

Folding handle offers smoother, more contemporary, integrated look when nested. Reduces interference with blinds and drapery.
Casements offer a wide viewing area with maximum ventilation. They add character to the decor of your home. They’re stylish and unsurpassed in beauty and durability. The Vytex Casement Series features a low-profile folding handle, full 90-degree opening for easy cleaning, and enhanced security with a multi-point locking mechanism.
Bow windows available in three, four, five, and six-lite configurations

Bay windows constructed with double-hung or casement end units

1/4" all-threaded steel rods between struts tie head and seat boards together for added strength

Insulated seat board helps increase energy savings

Bay & Bow window interiors feature rich, hand-selected birch or oak veneer, ready for paint or stain

MULLION CONSTRUCTION

1/4" all-threaded steel rods between struts tie head and seat boards together for added strength.

BIRCH & OAK VENEER

Bay & Bow window interiors feature rich, hand-selected birch or oak veneer, ready for paint or stain.

GARDEN WINDOWS

Potomac hp garden windows add a bright, new dimension to window design.
Potomac-hp Bay & Bow windows are a masterpiece of energy-efficiency. Unique construction makes it easy for you to maintain the comfort level inside your home in every season. And because Potomac-hp Bay & Bow windows are so durable, your home’s new look will last a lifetime.
Only the Potomac-hp Series offers you your choice of three complete high-performance, energy-saving glass packages:

**Energy Saver Plus-hp**
- Double-paned with one pane of high-performance Low-E glass.
- Argon gas-filled insulated glass unit (IGU).
- VyCore™ Foam insulated frame and sash.
- Super Spacer® Warm Edge Spacer System

**Energy Saver Max-hp**
- Triple-paned with two panes of high-performance Low-E glass.
- Argon gas-filled insulated glass unit (IGU).
- VyCore™ Foam insulated frame and sash.
- Super Spacer® Warm Edge Spacer System

**Energy Saver Ultimate-hp**
- Triple-paned with two panes of high-performance Low-E glass.
- Krypton gas-filled IGU—12 times more dense than air.
- VyCore™ Foam insulated frame and sash.
- Super Spacer® Warm Edge Spacer System

Vytex Low-E glass regulates your home’s temperature to help keep you cool when it’s hot and warm when it’s not. Can’t bear the heat? Can’t stand the cold? No worries—inside, life is good. Get comfortable—it’s time for your glass to go to work.
Spacer Comparison

The Vytex SuperSpacer® spacer system outperforms all other spacer systems.

Outside 0°F ± 2°F
Inside 70°F ± 2°F

Super Spacer® Premium and Premium Plus - butyl

43.7°F/6.5°C

Intercept® ULTRA - butyl 39.2°F/4.0°C

Cardinal XL Edge™ 34.8°F/1.5°C

Aluminum Spacer 25.2°F/-3.77°C

Simulations performed by Enermodal Engineering Ltd. using Window 5.2 and Therm 5.2 as per NFRC100-2001.

Outside temperature 0° F, inside temperature 70° F. Low-e glass Cardinal Low-e/two.superior 272. Air spaces .500” wide, 90% argon /f_ill. IGU’s 24” x 48”. The secondary butyl used with Intercept® was 0.035” thick. Temperature results shown are average temperatures. The conductivity used for Super Spacer® Premium was 0.102. Super Spacer® is a registered trademark of Quanex Building Products. Intercept® is a registered trademark of GED Integrated Solutions. XL Edge™ is a trademark of Cardinal Glass Industries.

(EIG10005w - EIG906wk/EIG10009W)
Overall Window U-value

The lower the U-value, the greater your protection from heat loss through your windows.

<table>
<thead>
<tr>
<th>Frame Material</th>
<th>Overall U-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl with Clear Double-pane</td>
<td>0.46</td>
</tr>
<tr>
<td>Vytex Energy Saver HP</td>
<td>0.27</td>
</tr>
<tr>
<td>Vytex Energy Saver Ultimate HP</td>
<td>0.20</td>
</tr>
<tr>
<td>Vytex Energy Saver Max HP</td>
<td>0.17</td>
</tr>
</tbody>
</table>

R-value for Window Frame Materials

The higher the R-value, the higher the insulation value of the window—and the greater the comfort and energy efficiency of your home! (Note: Data represents performance for a 12” piece of frame material.)

<table>
<thead>
<tr>
<th>Frame Material</th>
<th>R-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-wall Vinyl</td>
<td>2.5</td>
</tr>
<tr>
<td>Wood</td>
<td>4.4</td>
</tr>
<tr>
<td>Vinyl multi-chambered</td>
<td>16.2</td>
</tr>
<tr>
<td>Vytex with Vycore TM Foam</td>
<td>32.4</td>
</tr>
</tbody>
</table>

Laminated Glass

VyGuard™ Laminated Glass from Vytex

*the latest technology in glass safety and security!

**Safety** — The PVB interlayer absorbs the energy of a sudden impact and resists penetration, minimizing the risk of injuries and improving home security. Although the glass may break, the glass fragments remain firmly bonded to the interlayer.

**Sound Reduction** — VyGuard absorbs sound and reduces sound transmission by as much as 30% over a typical insulated glass unit.

**Environmental Protection** — In the event of a severe storm, VyGuard helps protect your home from interior damage.
As an ENERGY STAR® partner, Vytex® uses the latest advances in window and glass technology to maximize the performance and efficiency of your window investment. With an exclusive line of energy-saving features, our Potomac-hp Series windows can help your home stay warmer in the winter and cooler in the summer—and dramatically reduce your energy costs.
VyCoat™ Exterior Coating System
Add durability and long-lasting beauty with this environmentally friendly, low-maintenance color coating system.

INTERIOR COLORS
Special formula PVC never needs painting, makes cleaning a snap, and prevents scratching or denting.
Available in white and beige.

EXTERIOR COLORS

COLOR OPTIONS

OPTIONAL INTERIOR WOOD GRAIN LAMINATES

(colors are as true as printing inks allow and may differ from actual product colors.)
GRID DESIGN

Traditional Grids

DIAMOND

PRAIRIE

COLONIAL

Additional patterns available

Grid Details

FLAT

CONTOUR

SIMULATED DIVIDED LITE (SDLs)
The Industry’s **strongest** WARRANTY and **highest quality** TESTING PROCESS

**OUR WARRANTY**

No more worries. Your windows are covered forever.* Look at the terms of our Limited Lifetime Warranty. Lifetime coverage for the sash and frame, and lifetime coverage for the locks and other hardware. But that’s not all. Vytex **Potomac-hp** Series windows come with a lifetime glass breakage warranty as well. A warranty this strong demonstrates Vytex’s confidence and it’s your assurance of value now and in the future.

*Covers material only. Labor and delivery are not included.

**OUR TESTING FACILITY**

Our certified on-site testing facility ensures our windows perform at the highest industry fenestration standards.
Vytex Windows is a two-time Crystal Achievement Award Winner from Window & Door Magazine as well as a consistent member of the “Top 100 Manufacturers”.

Clearly, a Cut Above™