Style, beauty and design flexibility – the best choice for your new home. Your windows should reflect your own distinct style whether looking inside or out on the world.

Your Manchester Series windows are designed and built to beautify your home inside and out. There should be no barriers to keep you from the sheer comfort of looking outdoors on a bright, sunny morning or peering through streetlight darkness at a blinding snowstorm. Your Manchester windows by Quaker will make your world the best place to be no matter what Mother Nature decides to deliver. You will no doubt appreciate the unequalled beauty and design of your Manchester Series making your windows on the world the best available.

Warranty/Company Information
Options & Features
Energy Star & NFRC

Our Warranty
Along with promising you the finest products available with quality workmanship and commitment to value, our warranty assures you of our willingness to stand behind all that we build. Manchester Series windows have one of the finest warranties available today. Ask your dealer for full warranty details or go to www.quakerwindows.com.

Our Company
More than 65 years of the same quality, commitment and dedication are guaranteed to you with your purchase of Quaker windows and doors. Founded in 1949 and based in Freeburg, Missouri, the Quaker family-owned corporation was built on a business philosophy of quality and customer satisfaction that continues today. Marge and Harold “Bud” Knoll dedicated themselves to building a business destined to be a leader in the window and door industry.

Their vision continues at Quaker today with the same high level of detailed workmanship, responsive service and extreme commitment to quality and value.

No shortcuts are ever taken in our manufacturing process. State-of-the-art equipment demands the highest standards of operation. Our commitment to you is a window and door product of unmatched quality and exceptional value.

We constantly strive to build on our reputation for quality along with our history and passion for continual improvement and product development. Quaker’s committed to making your new windows on the world the finest possible product available.
**SIZING**

<table>
<thead>
<tr>
<th>Style</th>
<th>S</th>
<th>S</th>
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<th>S</th>
<th>S</th>
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<tbody>
<tr>
<td>Standard</td>
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**HARDWARE**

<table>
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<tr>
<th>Feature</th>
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<tr>
<td>Cam Locks (white finish)</td>
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<tr>
<td>Cam Locks (beige finish)</td>
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</tr>
<tr>
<td>Cam Locks (sandstone finish)</td>
<td>O</td>
</tr>
<tr>
<td>Truth Encore® Crank Hardware (white finish)</td>
<td>S</td>
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<tr>
<td>Truth Encore® Crank Hardware (beige finish)</td>
<td>O</td>
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<tr>
<td>Truth Encore® Crank Hardware (sandstone finish)</td>
<td>O</td>
</tr>
<tr>
<td>Block &amp; Tackle Balancers</td>
<td>S</td>
</tr>
<tr>
<td>Brass Rollers</td>
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<tr>
<td>Limited Travel Device</td>
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<td>Egress Hardware</td>
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**WEATHERSTRIPPING**

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<tr>
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<td>Bulk Weatherstripping</td>
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**SCREEN**

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<thead>
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<th>Type</th>
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<tr>
<td>Screen Frame &amp; Window Vinyl Color Match</td>
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<tr>
<td>BetterVue™ Fireglass Mesh</td>
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<tr>
<td>Aluminum Mesh</td>
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<tr>
<td>Full Screen</td>
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<tr>
<td>Half Screen</td>
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**FACTORY ASSEMBLED COMBINATION UNITS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Options</th>
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<tr>
<td>Combination Units</td>
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</tr>
<tr>
<td>Bay Units</td>
<td>O</td>
</tr>
<tr>
<td>Bow Units</td>
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</tr>
</tbody>
</table>

**20 YEAR WARRANTY**

*Certain Limitations may apply.*

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**YOU** will find your Manchester Series windows can be functional on many fronts. Front-of-office efficiency and energy Star® performance levels are easier by adding one of Quaker’s optional glass packages (see page 10 for test data). Financed weatherstripping adds an extra shield against air infiltration. Immediately, you’ll appreciate all of the Manchester’s incredible utility features which make smooth operation and easy cleaning for normal. Stash it in on hung units. Venting units use Truth® Encore® hardware, which neatly tucks away to stay clear of Blinds. All sliding units operate effortlessly thanks to low-friction brass rollers.

**YOUR FAMILY** will quickly come to appreciate your Manchester Series windows for the extra protection factor essentially allowing safety and security concerns to become a thing of the past. Dual locks are standard on all of our larger hung and sliding sizes. Limited roof devices can be added too. You may also wish to choose tempered glass with safety from dangerous glass breakage. For added privacy in personal areas, Quaker offers obscure glass packages. Metal reinforcements provide extra strength and rigidity to prevent any concern of frame failure when Mother Nature erupts.

**YOUR BUILDER** will think for you the time and money savings that Manchester Series windows afford. Every Manchester window comes standard with an extruded nailing fin. An extruded J-Channel is standard on almost every style, including arch windows. Inside, pre-applied wood/umb extensions (stainable/paintable pre-finished) can be prepped for 4 9/16”, 6 9/16, or custom depths. Outside, embolden your home’s appearance by adding 3 1/2” or 5” vinyl casing around the circumference of your Manchester windows. For window combination units, wood jamb must be Quaker’s factory milled option.

**~ Want the Essential Upgrade? ~**

Quaker has two options based on where you live. Our VuPoint Series vinyl windows are Impact Tested for coastal regions. Meanwhile, our Crusader Series vinyl window meets US Department of Housing and Urban Development requirements, meaning they’re designed for high wind areas such as the Great Lakes Region and Plains States. Both series look just as good as our Manchester line, plus have all the options available too. So what you gain in strength you won’t lose back in curb appeal. The VuPoint is available as a Casement, Awning and Picture Window. Crusader windows are available in Single Hung, Double Hung, Casement, Horizontal Slider and Picture Windows.
The Features You Want Most In A Window...

Standard Features

1. Integral nail fin
2. ¾˝ Insulated glass with warm edge spacer
3. Block and tackle balance system for all hung models
4. Operating sashes on all hung units tilt in for convenient cleaning
5. Fin-sealed weatherstripping
6. Fusion welded corners on frame and sash
7. Attractive exterior with simulated brickmold appearance
8. Easy screen removal
9. Single-lever locking system on venting units
10. Truth® Encore® hardware on venting styles

Available colors: (see page 8)
Hardware colors: (see page 4)
Glass options: (see page 4)
Grids: (see page 9)
Painted exterior colors: (see page 8)
• Metal reinforcements inside all vital sash rails
• Highest quality, pure vinyl
• Warranty is one of the industry’s best

See your dealer for full warranty information or go to www.quakerwindows.com

*Extruded J-Channel not available on venting units

Extruded J-Channel*
Bay and Bow units open up any room, offering the perfect combination of timeless beauty and solid, long-lasting construction.

White  
Beige  
Sandstone  
Satin Creme  
Dark Oak Wood Grain  
Toffee  
Holly  
Redwood  
Chestnut  
Earthtone  
Dark Bronze  
Black  
Metallic Grey

In addition to 3 vinyl colors, Manchester Series windows offer the choice of painted exterior colors. Get White, Sandstone, or Beige for the interior and add one of our 32 painted exterior colors.

It's perfect in that it offers vinyl's thermal efficiency with the beautiful exterior expressions only found with aluminum clad windows.

With a heat-reflective paint finish, Manchester painted vinyl windows are so durable and maintenance-free, that they carry a 10-year warranty against cracking, peeling, chalking, blistering, flaking, delaminating or significant discoloration.

Fuse your Manchester windows into your home’s surroundings by choosing our Dark Oak Wood Grain option. Available on the interior only, you can mix it with a white vinyl exterior or choose one of our painted exterior colors for a stunning look.

Got a special exterior color in mind? The Manchester Series can provide custom painted exterior colors to match your home's facade.

Bay & Bow units open up any room, offering the perfect combination of timeless beauty and solid, long-lasting construction.

Flat muntin – single color  
Flat muntin – two-tone  
Contoured muntin – single color & two-tone

Simulated Divided Lites

 Truly enhance your Manchester windows with Simulated Divided Lites (SDL). SDL’s, with their 3-dimensional feel, simulate early window architecture, which used individual glass panes (divided lites) for a decorative and distinct impression. By combining SDL’s with the Manchester’s exterior brickmold appearance, you’ll create a wood window look without the painting and staining associated with wood windows.

Custom Colonial Queen Anne Grid Designs

Choose one of Quaker’s standard designs, or opt for a “personal” or specific look.

Available In Different Variations

• 13”, 30” or 45”  
• 3, 4 or 5 unit configurations  
• Hung or venting combinations  
• Available with almost every option offered

Internal Decorative internal muntins add a touch of class to your Manchester windows. Because they are inside the glass, they are dust and maintenance-free.

Colors shown may not accurately reflect actual color. Ask your Quaker dealer for an actual color sample.

With a heat-reflective paint finish, Manchester painted vinyl windows are so durable and maintenance-free, that they carry a 10-year warranty against cracking, peeling, chalking, blistering, flaking, delaminating or significant discoloration.

Got a special exterior color in mind? The Manchester Series can provide custom painted exterior colors to match your home’s facade.
Quaker Window Products And The NFRC

The National Fenestration Rating Council (NFRC) is a non-profit, public/private organization created by the window, door, and skylight industry to measure and compare the energy performance of windows, doors, and skylights. The NFRC provides ratings on window, door, and skylight performance and enables consumers and builders to make informed decisions about the energy efficiency and comfort of their homes. Quaker Window Products supports the NFRC and encourages the use of NFRC-rated products.

The NFRC Label Rates
- **SOLAR HEAT GAIN COEFFICIENT**: Evaluates how well a window reduces heat gain due to the sun's energy. Lower values are better.
- **CONDUCTANCE**: Measures how well a window transfers heat through the glass. Lower values indicate better energy performance.
- **TRANSMITTANCE**: Evaluates the amount of light that passes through a window. Higher values indicate better lighting conditions.

The NFRC Does Not
- **Not validate performance**: The NFRC does not validate the performance of a product as it is the responsibility of the manufacturer to ensure their products meet the established standards.
- **Set minimum performance standards**: The NFRC sets voluntary performance standards, but manufacturers are not required to meet these standards.
- **Establish a testing, certification, or enforcement process**: The NFRC provides guidelines and testing protocols, but does not enforce these standards. It is up to the manufacturer to ensure compliance.
- **Enforce these standards**: The NFRC does not have the authority to enforce these standards. It is up to the consumer to verify compliance.

ENERGY PERFORMANCE RATINGS

- **ENERGY STAR®** is the trusted symbol of energy efficiency as it identifies highly efficient products. Quaker is proud to have been an ENERGY STAR® partner since 2001.
- **ENERGY STAR® qualified products** help you save energy, save money, and help the environment by performing well and reducing pollution.
- **ENERGY STAR® certified products** must meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA).
- **ENERGY STAR® performance is based on Residential NFRC sizes**: Quaker uses NFRC sizes to determine performance ratings.

For more info about the NFRC, go to www.nfrc.org.
“Let your windows on the world reflect who you are – inside and out – they should be Quaker.”