



## GLOSSARY OF TERMS

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### **Argon**

An odorless, colorless gas used to replace air between glass panes. Being heavier than air, it slows heat loss.

### **Awning Window**

A window hinged along the top. Rain can't get in when the window is open.

### **Balance**

A spring or weight that holds the sash in any vertical location.

### **Bay Window**

A combination of three windows that extends outward from the wall, generally joined at 30- or 45-degree angles.

### **Bow Window**

A combination of three to five windows that extend outwards from the house to create a semi-circle or arc.

### **Cam Lock**

The device that pulls the sash together when being closed.

### **Casement Window**

A window hinged on the side and that opens outward like a door for superior ventilation.

### **Chambers**

Tiny spaces within a North Star sash or frame that act like insulating air pockets and add strength.

### **Double-glazing**

Two layers of glass separated by an air space.

### **Double Hung**

A window with two operating sashes that slide vertically. Single hung has one moving sash.

### **Energy Ratings**

A laboratory tests the energy-saving performance of a window and assigns a rating of how effectively the window controls energy loss.

### **Extruded screen**

Not to be confused with roll-formed screens. Extruded screening is pressed through a form.

### **Fusion welding**

Joining materials by melting with extreme heat. Separate parts take on the characteristic of one solid piece.

### **Grills**

Decorative bars installed between panes to create the look of smaller panes.

### **Heat Gain**

The amount of heat gained from sunlight. A low number on a performance test indicates a superior ability to block out heat.

### **Hopper**

A bottom-hinged sash that opens inward.

### **Horizontal Slider**

A window in which the sash moves horizontally.

### **J-channel**

Extension on the outside of a new window that makes it easier to install siding.

### **Lite**

A pane of glass.

### **Low-e Glass**

Glass with a transparent coating that allows light to pass through but reflects infrared or heat.

### **Mullion**

The vertical or horizontal bar connecting two or more windows.

### **Nailing Flange**

An extrusion attached to the window and used to attach the unit to the opening.

### **Patio door**

Glass door that slides on rollers to open and close.

### **Picture Window**

Window with no moving sash.

### **R-value**

Resistance. Measures how well a material impedes heat flow. Bigger is better with this number.

### **Sash**

The frame around a pane of glass.

### **Super Spacer®**

The silicone spacer around the interior perimeter of North Star windows. Keeps panes the right space apart and boost energy savings.

### **U-value**

Measurement of heat transmitted through a material. The lower the number, the better the insulating quality.

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