enjoy your view







series 450 double hung



- Insulated glass panels with optimum thermal air space featuring Warm-Edge spacer system.
- Beautiful, true brick mould exterior frame perimeter.
- Both sashes operate and tilt in for easy cleaning.
- Integrated J-Channel and nail fin simplify installation.
- Series 460 available without J-Channel.
- Block & tackle balance system.

- Double sash locks come standard with all windows 27 ¼" or higher.
- Continuous head and sill on twins and triples.
- Half screen standard.*
- DP 35 rating (available with DP 50 option).
- Available in double hung, picture window and architectural shapes.
- Matching slider #451 available in 2- and 3-Lite styles.
- Limited Lifetime Warranty.



True brick mould exterior.



Choose the optional wood jamb extension and factory mull for simpler installation, without extra labor or materials. (Both options available for most windows.)



Thanks to the integrated J-Channel design, you can easily install vinyl siding around windows — without extra labor or materials. (Standard on most windows.)





All Ellison Windows and Doors may be ordered to meet Energy Star requirements.

Note: Manufacturer reserves the right to substitute components as necessary for continued product improvement.

- * Screens are not meant to restrain a child
- from falling through an open window.
- ** Printing process may affect color shown. Please refer to actual window sample when selecting colors.





ELL450/12-13

∑ Options

\vdash

• Ultra Low-E / Argon Glass (may be required for Energy Star rating).

Featuring Our New

Low Profile Lock

- Low-E Glass with Argon Gas for additional efficiency.
- Low-E Glass.
- Dual push-button night vents.
 - Sash limiter to help prevent children from falling out a window.
 - 5%" or 34" flat, 5%" or 1" contoured, 1 %" Simulated Divided Lite (SDL), 5%" contoured valance grids available.
 - \bullet 3 $\%^{\prime\prime}$ flat casing with bull-nose.
 - Factory mulling of twins, triples and architectural shapes.
 - \bullet Paintable or stainable wood jamb extensions (4 $\%^{\prime\prime}$ and 6 $\%^{\prime\prime}).$
 - Custom sizes available.
 - Brass or brushed nickel locks.
 - Extruded full screen.
 - Charcoal aluminum mesh screen.