

Vinyl Window Performance Data

Series	Operating Style	Glazing	U-Factor	R-Value	Solar Heat Gain	Visible Transmittance	Air Leakage	Condensation Resistance
600 SH (R5)	Single Hung	Triple Pane Low E, Krypton	0.18	5.6	0.24	0.43	0.14	70
600 SH	Single Hung	Double Pane Low E, Argon	0.29	3.4	0.30	0.55	0.14	56
600 DH (R5)	Double Hung	Triple Pane Low E, Krypton	0.18	5.6	0.23	0.42	0.27	72
600 DH	Double Hung	Double Pane Low E, Argon	0.29	3.4	0.29	0.53	0.27	56
600 DH-R	Double Hung Reinforced	Double Pane Low E, Argon	0.30	3.3	0.28	0.46	0.27	60
600 HS (R5)	Slider	Triple Pane Low E, Krypton	0.17	5.9	0.24	0.43	0.28	73
600 HS	Slider	Double Pane Low E, Argon	0.29	3.4	0.30	0.55	0.28	59
600 FW (R5)	Picture Window	Triple Pane Low E, Krypton	0.17	5.9	0.25	0.45	0.07	67
600 FW	Picture Window	Double Pane Low E, Argon	0.29	3.4	0.31	0.57	0.07	62
1400 C (R5)	Casement	Triple Pane Low E, Krypton	0.17	5.9	0.19	0.34	0.02	82
1400 C	Casement	Double Pane Low E, Argon	0.27	3.7	0.24	0.43	0.02	64
2100 SD (R5)	Sliding Door	Triple Pane Low E, Krypton	0.16	6.3	0.24	0.43	0.12	68
2100 SD	Sliding Door	Double Pane Low E, Argon	0.28	3.6	0.30	0.54	0.12	61

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- **U-Factor** measures how well a product prevents heat from escaping a home or building. U-Factor ratings generally fall between 0.20 and 1.20. The lower the U-Factor, the better a product is at keeping heat in. Tax Credit requires U-Factor to be 0.30 or lower. R-5 windows require 0.22 or lower.
- **R-Value:** The inverse of the U-Factor. Measures insulating value of a window. R-5 windows require 5.0 or higher.
- **Solar Heat Gain Coefficient (SHGC)** measures how well a product blocks heat from the sun. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.
- **Visible Transmittance (VT)** measures how much light comes through a product. VT is expressed as a number between 0 and 1. The higher the VT, the higher the potential for day lighting.
- **Air Leakage (AL)** expresses the heat loss and gain occurred by infiltration through cracks in the window assembly. The lower the AL, the less air will pass through cracks in the window assembly.
- **Condensation Resistance (CR)** measures how well a product resists the formation of condensation. CR is expressed as a number between 1 and 100. The higher the number, the better a product is able to resist condensation.
- **Tax Credit:** All Newtec products listed here are eligible.

The performance information listed above is for new products and is intended to be used for reference only. It is not complete and to be updated from time to time. Depending on the components, accessories, and options chosen, the actual rating could vary. Confirm ratings for specific products with your supplier or Newtec at (773) 869-9888. When ordering, please specify the glass option, as it may not come standard with the window.