



Series 800 Replacement Double Hung Windows THERMAL PERFORMANCE DATA

| Window Series | Test Method | Glazing Type | U-Value | SHGC | Visible Light Transmittance | Energy Star Compliance |
|-------------------------------------|----------------|-------------------------------------|----------------|-------------|-----------------------------|------------------------|
| 800 Double Hung | NFRC 100-97 | Clear Glass | 0.47 | 0.60 | 0.62 | |
| | | LowE Glass | 0.34 | 0.30 | 0.55 | |
| | | LowE Glass w/ Argon | 0.30 | 0.30 | 0.55 | Yes |
| | | Ultra LowE Glass | 0.33 | 0.28 | 0.49 | Yes |
| | | Ultra LowE Glass w/ Argon | 0.30 | 0.28 | 0.49 | Yes |
| | | Triple LowE Glass w/ Krypton | 0.20 | 0.26 | 0.45 | Yes |
| | | LowE Glass w/ Grids | 0.34 | 0.27 | 0.49 | |
| | | LowE Glass w/ Argon and Grids | 0.30 | 0.27 | 0.49 | Yes |
| | | Ultra LowE Glass w/ Grids | 0.33 | 0.25 | 0.44 | |
| | | Ultra LowE Glass w/ Argon and Grids | 0.30 | 0.25 | 0.44 | Yes |
| | | 800 Slider | NFRC 100-97 | Clear Glass | 0.47 | 0.58 |
| LowE Glass | 0.34 | | | 0.29 | 0.54 | |
| LowE Glass w/ Argon | 0.30 | | | 0.29 | 0.54 | Yes |
| Ultra LowE Glass | 0.34 | | | 0.27 | 0.48 | |
| Ultra LowE Glass w/ Argon | 0.30 | | | 0.27 | 0.48 | Yes |
| Clear Glass w/ Grids | 0.47 | | | 0.52 | 0.54 | |
| LowE Glass w/ Grids | 0.34 | | | 0.26 | 0.48 | |
| LowE Glass w/ Argon and Grids | 0.30 | | | 0.26 | 0.48 | Yes |
| Ultra LowE Glass w/ Grids | 0.34 | | | 0.25 | 0.43 | |
| Ultra LowE Glass w/ Argon and Grids | 0.30 | | | 0.25 | 0.43 | Yes |
| 800 Fixed Lite | NFRC 100-97 | | | Clear Glass | 0.45 | 0.64 |
| | | LowE Glass | 0.31 | 0.32 | 0.59 | Yes |
| | | LowE Glass w/ Argon | 0.27 | 0.32 | 0.59 | Yes |
| | | Ultra LowE I.G. | 0.31 | 0.30 | 0.53 | Yes |
| | | Ultra LowE Glass w/ Argon | 0.27 | 0.30 | 0.53 | Yes |
| | | Clear Glass w/ Grids | 0.45 | 0.57 | 0.60 | |
| | | LowE Glass w/ Grids | 0.31 | 0.29 | 0.53 | Yes |
| | | LowE Glass w/ Argon and Grids | 0.27 | 0.29 | 0.53 | Yes |
| | | Ultra LowE Glass w/ Grids | 0.31 | 0.27 | 0.47 | Yes |
| | | Ultra LowE Glass w/ Argon and Grids | 0.27 | 0.27 | 0.47 | Yes |



| Climate Region | U-Factor | Solar Heat Gain Coefficient (SHGC) |
|--|----------|------------------------------------|
| Northern [†] | < = 0.30 | No Requirement |
| [‡] - Equivalent Performance Alternatives | = 0.31 | > = 0.35 |
| | = 0.32 | > = 0.40 |
| North/Central | < = 0.32 | < = 0.40 |
| South/Central | < = 0.35 | < = 0.30 |
| Southern | < = 0.60 | < = 0.27 |



STRUCTURAL PERFORMANCE DATA

| Window Series | Test Method | Window Size | Air Infiltration @ 25 MPH | Water Resistance | Structural Test Pressure | DP Rating |
|--------------------|-------------------|------------------|---------------------------|------------------|--------------------------|-----------|
| 800 Double Hung | AAMA/WDMA/CSA | 40 x 63 | 0.08 | 3.75 psf | 37.5 psf | DP-25 |
| | 101/I.S.2/A440-05 | 36 x 60 | 0.08 | 4.5 psf | 45 psf | DP-30 |
| 800 Slider | AAMA/WDMA/CSA | 69 x 48 | 0.18 | 5.25 psf | 45 psf | DP-30 |
| | 101/I.S.2/A440-05 | 84 x 42 (3 lite) | 0.29 | 3.0 psf | 30 psf | DP-20 |
| 800 Fixed Lite | AAMA/WDMA/CSA | 48 x 48 | 0.01 | 7.5 psf | 75 psf | DP-50 |
| | 101/I.S.2/A440-05 | | | | | |