



RELIABILT®

# SERIES 85

## IMPACT RATED SINGLE HUNG WINDOW

### STANDARD FEATURES

- Thermally broken aluminum frame with polyurethane poured in place and debrided to reduce thermal conductivity of aluminum frame
- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
- Sloped sill allows for proper water drainage to the exterior
- Sleek profile provides larger viewing area
- Interior glazing allows for easier glass replacement
- Side load removable bottom sash
- Block and tackle balance system
- Energy-efficient Warm Edge insulating glass
- Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit
- Dual lift rails on bottom sash for easy operation
- Frame depth 2-7/16"
- Integral nailing fin with a 1-3/8" setback for simple installation

### GLASS OPTIONS:

Low-E, Low-E<sup>SC</sup>, Low-E2+, LE2+<sup>SC</sup>, HP, HP<sup>SC</sup>, HP2+, HP2+<sup>SC</sup>

### GRILLE OPTIONS:

Color-coordinated grilles-between-the-glass (GBG) in 5/8" and 3/4" flat and 1-3/16" SDL with shadow bar

### PRODUCT CONFIGURATION:

Matching side lites, fixed panels, transoms, segmented transoms and a wide selection of architectural shapes.

### HARDWARE OPTION:

Safety vent latch to meet ASTM F2090 requirements

### COLOR OPTIONS:

White, Bronze, Black



### THERMAL PERFORMANCE

R Value	NFRC CERTIFIED			
	U Factor	SHGC	VT	
WARM EDGE				
7/8" Clear	1.69	0.59	0.55	0.65
7/8" Low-E	2.17	0.46	0.36	0.55
7/8" Low-E <sup>SC</sup>	2.22	0.45	0.33	0.43
7/8" HP Glass	2.38	0.42	0.36	0.55
7/8" HP <sup>SC</sup> Glass	2.44	0.41	0.33	0.43

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 7/8" IGU, impact glass (8mm with 3mm/.09mm/3mm laminated glass) over 3mm glass, no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

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## TESTING & PERFORMANCE DATA

- Rated in accordance with the International Residential Codes and meet impact requirements in U.S. Zone 2 (110-120 mph) and Zone 3 (120-140 mph).
- Passes ASTM E1886/1996 Large Missile Impact and Cycling Tests.
- Meets AAMA/WDMA/CSA 101/I.S.2/A440 standard.

## CROSS SECTIONS

