RELIABILT®

SERIES 85
SINGLE HUNG WINDOW

STANDARD FEATURES

- Thermally broken aluminum frame with polyurethane poured in place and debridged 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
- Optional Warm Edge Plus spacer

GLASS OPTIONS:

Low-E, Low-E^{SC}, Low-E2+, LE2+^{SC}, HP, HP^{SC}, HP2+, HP2+^{SC}

GRILLE OPTIONS:

Color-coordinated grilles-between-the-glass (GBG) in 5/8", 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 F2090-2008 requirements

COLOR OPTIONS:

White, Bronze, Black

THERMAL PERFORMANCE

		NFRC CERTIFIED		
	R Value	U Factor	SHGC	VT
WARM EDGE				
3/4" IGU Clear	1.61	0.62	0.65	0.67
3/4" IGU Low E	2.08	0.48	0.31	0.57
3/4" IGU Low E^{SC}	2.13	0.47	0.24	0.44
3/4" IGU Low E 2+	2.33	0.43	0.30	0.55
3/4" IGU Low E^{SC} 2+	2.33	0.43	0.23	0.43
3/4" IGU HP	2.27	0.44	0.31	0.57
3/4" IGU HP^{SC}	2.27	0.44	0.24	0.44
3/4" IGU HP 2+	2.50	0.40	0.30	0.55
3/4" IGU HP^{SC} 2+	2.50	0.40	0.23	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: 3/4" IGU, 3mm glass and no grilles.

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