

BUILDER SERIES

W I N D O W S



4810F SINGLE HUNG



MORE VALUE. MORE PERFORMANCE. MORE SOLUTIONS.

If you're looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It's energy-efficient and offers a variety of material choices, most of which are virtually maintenance free and can withstand the toughest tests, including the test of time. Plus, with our service and support you'll be able to get the job done the right way on time and on budget.





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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 available in 2 $\frac{7}{16}$ "
- Integral nailing fin with a 1 $\frac{3}{16}$ " setback for simple installation



4810F SERIES THERMAL PERFORMANCE

		NFRC CERTIFIED		
		U Factor	SHGC	VT
R Value				
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
WARM EDGE				
3/4" IGU Low E	2.13	0.47	0.31	0.57
3/4" IGU Low E ^{SC}	2.13	0.47	0.24	0.44
3/4" IGU Low E 2+	2.38	0.42	0.30	0.55
3/4" IGU Low E ^{SC} 2+	2.38	0.42	0.23	0.43
3/4" IGU HP	2.27	0.44	0.31	0.57
3/4" IGU HP ^{SC}	2.33	0.43	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

OPTIONS

GLASS OPTIONS:

Low-E, Low-Esc, Low-E2+, Low-Esc2+, HP, HP^{SC}, HP2+, HP^{SC}2+, obscure and tempered

GRILLE OPTIONS:

Color-coordinated grilles-between-the-glass; 1 $\frac{3}{16}$ " SDL w/ 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:



NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.



SINGLE HUNG SELECTION GUIDE

SERIES	NAIL FIN SETBACK	R50	HIGH WIND ZONE	FLORIDA APPROVED	CONSTRUCTION TYPE		
					WOOD SIDING	BRICK	EIFS
4810F	1 $\frac{3}{8}$ "						

1. Low E glass options available including solar cooling glass for warm climates.
2. Optional HP glass combines Low-E with argon gas fill for high performance.
HP options include solar cooling and inside surface Low-E options.
3. Impact Rated units are available in select sizes and configurations.
4. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.