

IMPACT RESISTANT WINDOWS & DOORS



SINGLE-HUNG WINDOWS

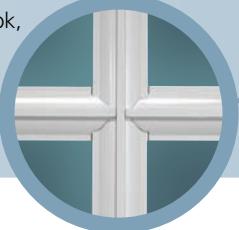
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THE ONLY THING BETTER THAN THE WAY IT LOOKS IS THE WAY IT LASTS.

CGI makes aluminum windows that look so much like wood you can't tell the difference. But as time goes on, they're going to look far, far better than wood.

That's because our windows eliminate the maintenance, swelling and decay issues associated with wood windows. They retain their beauty and elegance for many years to come. What's more, should you prefer a clean, crisp, contemporary look, we can oblige you there, too. Point is, whatever the design look you have in mind, you'll find CGI aluminum windows and doors to match.



NOBODY ELSE'S ALUMINUM WINDOWS MEASURE UP TO CGI'S.

Our heavy gauge aluminum is much thicker, which makes for much greater impact resistance and longevity. In fact, tests have proven that CGI windows can withstand winds of nearly 300 MPH. The competition's impact resistance doesn't begin to measure up to that.



THINK OF IT AS A SECURITY SYSTEM WITHOUT THE WIRING.

CGI windows provide round-the-clock protection against storms, high winds and even would-be intruders. High quality hardware adds considerably to the appearance as well as to the feeling of security.



S I N G L E - H U N G W I N D O W S



We go to extremes to please our customers.

Every window we make is the best you can get anywhere, but our huge edge over the competition may be best seen in the fact that we can offer single-hung windows as large as 120" tall by 42" wide. That's virtually unheard of in the industry.

Only CGI has the engineering expertise that makes a window like this possible. CGI also holds a patent for its single-hung windows that accounts for its smoother operation, ease of use and simpler maintenance. This product superiority, together with CGI's long-standing commitment to top quality and service, help assure outstanding customer satisfaction for many years to come.

SINGLE-HUNG PERFORMANCE

TEST TYPE	RESULTS
Air Infiltration	0.076 CFM @ 6.24 PSF
Maximum Water Resistance	without waterbar adaptor 12.0 PSF with waterbar adaptor 15.0 PSF
Uniform Static Load Test (Design Load) <i>Using waterbar adaptor</i>	@ 37 x 63 window (Ann/Ann Glass) +95 PSF / -95 PSF @ 36 x 60 window (HS/HS Glass) +100 PSF / -209.5 PSF @ 54 x 96 window (Temp/Temp Glass) +100 PSF / -120 PSF
Cyclic Design Load After Large Missile Impact <i>Using KeepSafe Maximum® Laminated Glass (In accordance with Miami-Dade County Protocols PA-201 & PA-203)</i>	@ 37 x 63 window (Ann/Ann Glass) +95 PSF / -95 PSF @ 36 x 60 window (HS/HS Glass) +100 PSF / -209.5 PSF @ 54 x 96 window (Temp/Temp Glass) +100 PSF / -120 PSF
Forced Entry Test	PASSED

There are less expensive ways of manufacturing a single-hung window, but they are less attractive, less durable options. CGI stays away from these alternatives. When you buy from us, you are buying the best there is. It's that simple.

MIAMI-DADE COUNTY APPROVED

Accepted for use by Florida Building Code
(high velocity hurricane zone)

MATERIAL

Heavy Gauge Aluminum Alloy



AVAILABLE FINISHES

- White ESP, Bronze ESP, Driftwood ESP* (L to R)
- Bone White Kynar® (meets AAMA 2605)
- Class 1 Clear Anodized (special order, minimum quantities apply)
- Custom colors (special order, minimum quantities apply)

* finishes shown may not be accurate representations.

AVAILABLE GLASS TYPE

- 3/8" thick (nominal) Vanceva® Storm Glass (impact resistant)

GLASS COLORS

Clear - Gray - Bronze - Solexia Green - Obscure

COMMODITY SIZES (In inches)

19 1/8 x 26	26 1/2 x 26	37 x 26	53 1/8 x 26
19 1/8 x 38 3/8	26 1/2 x 38 3/8	37 x 38 3/8	53 1/8 x 38 3/8
19 1/8 x 50 5/8	26 1/2 x 50 5/8	37 x 50 5/8	53 1/8 x 50 5/8
19 1/8 x 63	26 1/2 x 63	37 x 63 e	53 1/8 x 63 e
19 1/8 x 72	26 1/2 x 72	37 x 72 e	53 1/8 x 72 e
19 1/8 x 76	26 1/2 x 76	37 x 76 e	53 1/8 x 76 e

MODULAR SIZES (In inches)

24 x 24	30 x 24	32 x 24	36 x 24	42 x 24	48 x 24	54 x 24
24 x 36	30 x 36	32 x 36	36 x 36	42 x 36	48 x 36	54 x 36
24 x 48	30 x 48	32 x 48	36 x 48	42 x 48	48 x 48	54 x 48
24 x 60	30 x 60	32 x 60	36 x 60	42 x 60 e	48 x 60 e	54 x 60 e
24 x 72	30 x 72	32 x 72	36 x 72 e	42 x 72 e	48 x 72 e	54 x 72 e
24 x 84	30 x 84 e	32 x 84 e	36 x 84 e	42 x 84 e	48 x 84 e	54 x 84 e
24 x 96	30 x 96 e	32 x 96 e	36 x 96 e	42 x 96 e	48 x 96 e	54 x 96 e

All window dimensions shown are to tip of exterior 1/2" flange on frame.

e = Indicates windows that comply with egress opening requirements when properly located on wall opening.

STANDARD HARDWARE

- Pair of CGI egress self closing locks (sill mounted)
Note: one lock used on windows 28" wide or less
- Pair of concealed balances
- CGI Patented Carrier Slide System

OPTIONAL ITEMS

- Extruded double applied 1" colonial muntins
(in standard or custom grids) *N/A with insulated glass*
- Meeting rail mounted sweep locks and sill mounted pull handles
- 15 psf water bar adaptor
(requires sweep lock and pull handle option)
- Uneven size vent windows (Oriel)

STANDARD ACCESSORIES

- Extruded screen frame with fiberglass mesh
(retaining clips not required)
- Extruded snap-on glazing beads
- Stainless steel assembly screws
- 3 5/8" deep frame with 1/2" exterior flange
- Double and triple weatherstripping
- Balance covers and screen pocket covers

CUSTOM SIZES (In inches)

- Minimum available window width is 18"
- Minimum available window height is 24"
- Maximum available window width is 54"
- Maximum available window height is 120"
- Maximum over-all window area is 36 Sq Ft



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