



# FoldUp™ Window – Double Hung Version

(Patent Pending)

## SPECIFICATIONS

1. **Description** - This premium quality custom window is manufactured to look like a traditional double hung window when closed, with two offset sash. Instead of sliding vertically open however, the window is uniquely hinged at the meeting rails and folds inward and upward toward the ceiling, opening almost the entire frame opening. The lift is balance assisted, and the sash will hold open in any position.

### 2. Sizing

- a. Like all HeartWood products, sizing is completely customizable in terms of height, width, and frame depth.
- b. Individual sash components can also be made narrower, wider, or thicker within certain limits. Unless otherwise noted, sash thickness is 2”.
- c. **LIMITATIONS:** Weight limit for both sash combined is 120 lbs. Height limit is 84” for the sash opening. Because of the weight limitation, width limits will vary with height, but widths up to 90” can be accommodated.

### 3. Materials

- a. *Frame and sash* - made of solid premium-grade wood, with no finger joints. The following are some commonly available species:
  - i. Genuine Mahogany
  - ii. Utile (Sipo)
  - iii. ¼-sawn White Oak
  - iv. Eastern White Pine
  - v. VG Douglas Fir
  - vi. Spanish Cedar (PG only)
- b. *Glass* – various single and double glazed options available, including various Low E coatings and argon if desired. Bronze spacer standard but other options available. Putty glazing available on single glass. Tempered, laminated, leaded, and other decorative glass available upon request.
- c. *Muntins* – True Divided Lite (TDL) and Simulated Divided Lite (SDL) available as needed, including all HeartWood’s standard profiles. Custom profiles available at an additional charge.
- d. *Casings* – Solid wood (no finger joints) exterior or interior trim can be added upon request in either HeartWood’s standard profiles, or custom profiles (additional cost).

- e. *Hardware* – Interior hinges and sash locks are made of solid brass and available in a wide choice of finishes. Exterior hinges are currently available only in stainless steel, though powder coating is available in some applications for an additional cost.

#### 4. Construction

- a. Mortise & tenon joinery used throughout
- b. All joints bonded with Type 1 waterproof polymeric adhesives
- c. All frames are glued and screwed with corrosion-resistant countersunk screws
- d. All glazing is wet-glazed

#### 5. Screens and Storms

- a. Fixed screens can be added to the exterior similar to any double hung window with either wood or aluminum frames. Screen choices include standard or “Better Vue” fiberglass, aluminum, or bronze wire.
- b. Motorized roll screens available and are especially effective in situations where several windows are mulled together.

#### 6. Finishing – various finishing options available utilizing ICA Aborea waterborne finish system or top quality latex finishes from Benjamin Moore or Sherwin Williams. Options include:

- a. Unfinished in/out
- b. Primed in/out
- c. Primed out/unfinished in
- d. Primed and painted out/unfinished in
- e. Primed and painted out/primed in
- f. Primed and painted out/stained in
- g. Primed and painted the same color in/out
- h. Primed and painted out/in with different colors

#### 7. Testing – As of the date of this publication, air and water testing have been performed in accordance with AAMA/WDMA/CSA101/I.S.2/A440-05.

- a. Air: .04 scfm/ft<sup>2</sup> @ 1.6 lbs/ft<sup>2</sup> test pressure, .11 scfm/ft<sup>2</sup> @ 6.4 lbs/ft<sup>2</sup> test pressure
- b. Water: cyclic pass at 11.25 lbs/ft<sup>2</sup>, static (15 min continuous) pass at 9.75lbs/ ft<sup>2</sup>

#### 8. Warranty – HeartWood standard warranty applies

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