glassFOLDWALL

> Framed
With four unique movable wall products, CARVART offers a broad range of ways to section off a space.

CARVART’s movable wall products, glassSTACKWALL and glassFOLDWALL, (both available in Framed and Frameless) are unique space-dividing solutions designed to custom fit into an opening and operate easily for years to come. All CARVART movable wall products are engineered to install smoothly and efficiently. Each solution is custom dimensioned for each project opening and comes with a wide variety of design options to enable architects to configure the final design to a client’s exact needs and specifications.

Both Framed and Frameless designs have minimized frame detailing that can be combined with thousands of different CARVART glass possibilities, resulting in a tailored appearance in your space, privacy flexibility, acoustical barriers and high-quality performance. This translates into an overall design success that maximizes the visual connection between two adjoining areas.
## Specifications

**glassFOLDWALL > FRAMED (FOLD-FD)**

Folding framed walls are easy-to-operate privacy options where glass panels are connected via hinges that move the entire series as they are pulled along the top track. Glass panels are fully-framed which provide the highest acoustical isolation. The track of top-hung system can be concealed in the ceiling. Vertical profiles are available at the walls to further improve acoustic isolation.

### Value-Added Benefits

- Efficient hardware make system easy to operate
- Easy to install with self-correcting components
- Wide-range of acoustic and privacy options at all seam and panel connections
- Minimal look with thin, aluminum profiles
- Pre-engineered top structure support solution for taller spaces above finish ceiling (additional cost)
- System durability and long-term integrity
- Turnkey integrated project services

### Applications

- Space division between offices, conference rooms or flex-space.

### Configurations

- Straight runs, corner applications, custom angles and fixed panels for wide openings.

### Function

- Adjoining doors move in unison when pulled.

### Glass Types

- Laminated, tempered monolithic, tempered laminated.

### Glass Finishes — Refer to Finish Chart

- CARVART laminated transparent glass design options available: 01 Core, 02 Color, 03 Pattern, 04 Metallic, 05 Textile, 08 Gradient and 10 Covert.

### Surfaces

- Smooth glass.
- Etched glass.

### Glass Thickness — Refer to local code and structural requirements

- Accommodates 3/8” nominal up to 13/16” nominal.

### Hardware Dimensions

- Aluminum top track: 2-3/4” wide x 3” high nominal.
- Top/Bottom finish rails: 1-3/4” deep x 4-7/16” high.
- Vertical side rails: 5/8” individually or double 1-1/16” deep x 1-5/8” high.

### Hardware Materials/Finishes — Refer to Finish Chart

- Satin anodized aluminum, brushed stainless aluminum, brushed nickel, polished chrome.

### Maximum Range (inches):

- Glass panels: Maximum 37”.
- Maximum run lengths (operable or fixed panels): 5 Panels (Larger width and openings available depending on weight and configuration).

### Heights — Overall Minimum/Maximum Range (inches):

- Glass panels: Maximum 120” height above finished floors.

### Mounting Fasteners

- Final anchoring decision is client-directed or based on client structural consultant.
- Mounting fasteners and anchors to be supplied by others.
- CARVART advisory available.

### Weight & Structural Loads — Consult local engineer for structural codes and requirements

- Top rails for individual panels rated up to 220 lbs.
- Linear per foot weights based on final glass type.
- Overall weights available upon request for client structural calculations.
- Refer to CARVART for technical consultation.

### Add-On Design Options — Per specification and upcharges apply

- Various pull options.
- Corner extrusion.
- Various plastic/brush connection details for increased privacy.
- Top-structure available on request and for additional cost.
- Lockable/Non-locking floor latch bolts available.

### Customization

- Custom dimensions per opening.

### Installation

- Self-correcting rollers easily slot into top track.
- Pre-cut top track speeds up install.
- Top-track includes seam connectors for improved alignment.
- Requires trained and competent glazing or carpenter industry professionals.
- Installation instructions, assistance and training available at time of order.
- All hardware components, including doors, will be delivered knocked down and require assembly by a glazing industry professional. Certain glass and hardware finishes are available as pre-assembled products as called out in the glass and hardware finishes pages. Consult a CARVART agent for information on available pre-assembled components.

### Hardware Warranty

- 1-year limited warranty.

For more info, contact CARVART Sales Advisory Team at quotes@carvart.com or call us at 212 675 0030.
Functionality

CLOSED

PARTIALLY OPEN

OPEN
Details

TYPICAL FRONT ELEVATION

- **Option to install above ceiling line for concealed look**
- **Dust-proof strike, GC to coordinate floor drilling**
- **Closing pin (lock & non-lock options available)**
- **Side fixed profile @ wall, optional for improved acoustic isolation**

TYPICAL HORIZONTAL SECTION

- **See options page**
- **Max 37” @ vertical wall profile**

TYPICAL VERTICAL SECTION

- **Structural not by Carvart, consult structural engineer for adequate reinforcement**
- **Finished ceiling by others**
- **Milled aluminum extrusion**
- **Finished ceiling (optional), track can be concealed as shown**
- **Finished aluminum fascia, various finishes available**
- **Hinge**
- **Carvart Glass, consult sales & design team for options**
- **Finished floor by others**
- **Sub floor if applicable**

TYPICAL FRONT ELEVATION

- **TYPICAL HORIZONTAL SECTION**
- **TYPICAL VERTICAL SECTION**
- **Varies (max height = 120")**
- **Option to install above ceiling line for concealed look**
- **Dust-proof strike, GC to coordinate floor drilling**
- **Closing pin (lock & non-lock options available)**
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Options: Panel types

- **Fixed Panel**
- **Fixed Swing Panel** (End panel only; does not stack)
- **Stacking Panel**
- **Fixed**

**Options:** Panel types

- **Stacking Panel**
- **Fixed Panel**
- **Fixed Swing Panel** (End panel only; does not stack)
Options: Structural support (above glassWALL systems)

- Pre-engineered, easy-to-install top support can be coordinated and provided for additional cost.
- Ideal for tall spaces where super-structure is far above finish ceiling.
Options: Pulls and Closers

Ladder pulls available in:
- Multiple finishes (see chart)
- ADA configurations
- Locking/non-locking

Closers

Hydraulic door header @ mid-run panel door

Hydraulic floor closer @ fixed swing panels

Typical floor bolt

Typical locking bolt
Options: Connections

Depending on the desired level of acoustic privacy, CARVART offers a range of seals and connection options.

- Standard brushes at header/top rail
- Brushes with added acoustic plastic strip at header/top rail
- Rubber insert at header/top rail

- Standard brushes at bottom rail
- Brushes with added acoustic plastic strip at bottom rail

- DETAIL AT WALL WITH BRUSHES
- DETAIL AT WALL WITH GASKETS
- DETAIL AT WALL WITH GASKETED VERTICAL CHANNEL

STANDARD PANEL-TO-PANEL CONNECTION WITH GASKETS
CORNER DETAIL
Design appeal and detailing

- All finish profiles and hardware are specifically engineered to keep sight-lines and design aesthetic minimal
- Aluminum fascia’s conceal all clamping and hardware, available in various finishes
- Lightweight and optimized hardware solutions keep system efficient and easy to operate
- Create unique appearance with CARVART glass options

MINIMAL EXPOSED TOP AND BOTTOM RAIL
1-9/16" (D) X 4-7/16" (H)

MINIMAL EXPOSED SIDE PROFILES
11/16" (D) X 1-1/4" (H)

MINIMAL TOP AND BOTTOM PROFILES
1-1/4" (D) X 2-3/8" (H)
Ease of Installation

SIMPLE PANEL ASSEMBLY

All hardware components come individually packed per panel and come with individual panel assembly instructions that are labeled to match the shop drawings for easy set up and assembly.
Life cycle maintenance

**LOW LABOR COST**
Conventional systems have much higher labor costs due to complex installation methods. CARVART glassRAILING products are designed to be light-weight and ergonomic to facilitate easy installation.

**EASY TO REPLACE**
Intermediate panels are removable and replaceable due to dry-glazed system.

**DURABILITY AND HIGH CYCLE TESTING**
All CARVART movable walls are cycled-tested to hundreds of thousands of cycles and rated for weights far beyond the maximum panel size.

**CLEANING AND MAINTENANCE**
Virtually no maintenance outside of cleaning once the system is in place and installed. Profiles have minimum reveals and crevices to collect dirt and grime.
Project management coordination

**COORDINATION AND SHOP DRAWINGS**
- CARVART offers full scheduling coordination and phasing for custom project delivery

**HARDWARE OPTIONS**
- Full range of coordination and shop drawing/engineering services
- Dedicated project managers are assigned to each project for maximum success
- Provide full range of hardware options for infinite design and site conditions
- Multiple design options

**GLASS DESIGN AND DEVELOPMENT**
- Glass design and development services integrate standard and custom glass selections with available hardware options

**POST-DELIVERY SERVICES**
- Installation training that is specific to project and product
- Project-specific service levels (including phased deliveries and shipping)
- Project logistics can ship by floor or designated area
<table>
<thead>
<tr>
<th>COREglass</th>
<th>COLORglass Translucent Whites Laminated</th>
<th>COLORglass COREglass</th>
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<tbody>
<tr>
<td>01 Pure</td>
<td>WL04</td>
<td>C004</td>
</tr>
<tr>
<td>02 Warm</td>
<td>WL05</td>
<td>C005</td>
</tr>
<tr>
<td>05 Cool</td>
<td>WL06</td>
<td>C006</td>
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</table>

**COLORglass Transparent Laminated**

C057 C058 C060 C028 C029 C030 C031 C032 C038 C039 C040 C043

C045 C046 C047 C048 C049 C050 C052 C053 C054 C055 C056 C059

C061 C062 C063 C064 C065 C066 C068 C069 C070 C071 C072 C074

C075 C076 C077 C078 C079 C080 C081 C082 C083 C084 C085 C086

C087 C089 C091 C094 C095 C096 C098 C100 C101 C102 C103

C104 C105 C107 C109 C110 C111 C112 C115 C116 C118 C119

C120 C121 C122 C124 C126 C127 C128 C129 C132 C133 C134 C135

C136 C141 C142 C144 C145 C146 C147 C149 C150 C151 C152
### Glass Walls > Movable > Finishes

#### Pattern Glass

<table>
<thead>
<tr>
<th>Pattern Glass</th>
<th>Etch</th>
<th>Texture</th>
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<tbody>
<tr>
<td>O1 Shine</td>
<td>05 Beam</td>
<td>09 Mirage</td>
</tr>
<tr>
<td>O7 Vision</td>
<td>08 Glisten</td>
<td>10 Diffuse</td>
</tr>
<tr>
<td>O2 Glisten</td>
<td>20 Orb</td>
<td>11 Illusion</td>
</tr>
<tr>
<td>O3 Glisten</td>
<td>21 Laser</td>
<td>12 Prism</td>
</tr>
<tr>
<td>O4 Glisten</td>
<td>08 Glisten</td>
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<tr>
<td>O5 Glisten</td>
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<td>31 Fractal</td>
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#### Metallic Glass

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<tr>
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<th>Stainless Steel</th>
<th>Copper</th>
<th>Gold</th>
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<tbody>
<tr>
<td>O1 Gauze</td>
<td>02 Copper</td>
<td>03 Gold</td>
<td></td>
</tr>
<tr>
<td>O2 Gauze</td>
<td>02 Copper</td>
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<tr>
<td>O3 Gauze</td>
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<tr>
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#### Textile Glass

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<thead>
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<th>Optical White</th>
<th>Pearl</th>
<th>Natural</th>
<th>Greige</th>
<th>Charcoal</th>
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<th>Warm</th>
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<td></td>
<td>01 Natural</td>
<td>02 Greige</td>
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#### Gradient Glass

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<tr>
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<tr>
<td>O2 Gradient</td>
<td>02</td>
<td>Ombre</td>
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<tr>
<td>O3 Gradient</td>
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#### Covert Glass

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<thead>
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<th>007</th>
<th>M</th>
<th>DB5</th>
<th>Q</th>
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<th>MFBA Black Anodized Aluminum</th>
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<th>MFBN Brushed Antique Nickel</th>
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Views

Shown in order of lowest to highest translucency:

T (Transparent)

T.W (Translucent W)

T1 (Translucent 1)

T2 (Translucent 2)

T3 (Translucent 3)

T4 (Translucent 4)