glassSTACKWALL

> Framed

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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

glassSTACKWALL > FRAMED (STAK-FD)
Top-hung, fully-framed glass panels that provide increased acoustic privacy performance and travel individually along an upper track and stack and store into a pre-designated parking area. Top tracks can be concealed into the ceiling for minimal look with the advantage of glass panels completely disappear from the opening or be left exposed.

<table>
<thead>
<tr>
<th>APPLICATIONS</th>
<th>Value-Added Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space division between offices, conference rooms or flex-space.</td>
<td>• Efficient hardware make system easy to operate</td>
</tr>
<tr>
<td>CONFIGURATIONS</td>
<td>• Easy to install with self-correcting components</td>
</tr>
<tr>
<td>Straight runs, corner applications, custom angles, multiple parking areas, parallel and fully concealed parking areas, mid-run access doors, fixed panels for wide openings.</td>
<td>• Wide-range of acoustic and privacy options at all seam and panel connections</td>
</tr>
<tr>
<td>Function</td>
<td>• Minimal look with thin, aluminum profiles</td>
</tr>
<tr>
<td>Individually movable glass panels divide and open space.</td>
<td>• Pre-engineered top structure support solution for taller spaces above finish ceiling (additional cost)</td>
</tr>
<tr>
<td>Acoustical Rating: Low-to-moderate due to panel gaps. Transparent or writable glass.</td>
<td>• System durability and long-term integrity</td>
</tr>
<tr>
<td>GLASS TYPES</td>
<td>• Turnkey integrated project services</td>
</tr>
<tr>
<td>Laminated, tempered monolithic, tempered laminated.</td>
<td><strong>VALUE-ADDED BENEFITS</strong></td>
</tr>
</tbody>
</table>

**GLASS FINISHES** — Refer to Finish Chart
CARVART laminated transparent glass design options available: 01 Core, 02 Color, 03 Pattern, 04 Metallic, 05 Textile, 06 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: 1-1/4” deep x 2-3/8”.
Vertical side rails: 5/8” individually or double 1-11/16” deep x 1-5/8” high.

**HARDWARE MATERIALS/FINISHES** —
Refer to Finish Chart
Satin anodized aluminum, brushed stainless aluminum, brushed nickel, polished chrome, antique satin chrome, black, antique black.

**WIDTHS — OVERALL MINIMUM/MAXIMUM RANGE** (inches):
Glass panels: Maximum 37”.
Maximum run lengths (operable or fixed panels): Unlimited.

**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.
Parking system and overall weights available upon request for client structural calculations.
Refer to CARVART for technical consultation.

**ADD-ON DESIGN OPTIONS** —
Per specification and upcharges apply
Mid-run panel access doors.
Various pull options.
Corner extrusion.
Various plastic/brush connection details for increased privacy.
Top-structural support available on request and for additional cost.
Lockable/Non-locking floor latch bolts available.

**CUSTOMIZATION**
Custom dimensions and parking areas per opening.

**INSTALLATION**
Simplified panel construction for easy assembly.
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

- Max 37" [914]
- See options page

TYPICAL VERTICAL SECTION

- 2" [51]
- 3 3/8" [86]
- 3 5/8" [92]
- 3 5/8" [92]
- 3 1/2" [89]
- 2 5/8" [67]
- 1 1/16" [27]
- 1 1/16" [27]
- 1 1/16" [27]
- 1 1/16" [27]
- 1 1/16" [27]

- Structural not by Carvart, consult structural engineer for adequate reinforcement
- Finished ceiling by others
- Fasteners by others
- Aluminum extrusion
- Finished ceiling (optional), track can be concealed as shown
- Finished aluminum fascia, various finishes available
- Carvart glass, consult sales & design team for options
- Finished floor by others
- Dust-proof strike
- Finished floor if applicable
- Sub floor if applicable

Max 37" [914] width based on panel size

1" [25] @ vertical wall profile

Options page
Options: Parking area configurations

PG-01
TYPICAL PARKING AREA

PG-02
PARKING W/ CONCEALED CORNER

PG-03
PARKING AREA (WIDE OPENING)

PG-04
PARKING W/ CORNER
(VARIED PANEL SIZE OPTION AVAILABLE)

PG-05
PARALLEL PARKING

PG-06
PARKING W/ CONCEALED CORNER AND PARALLEL OPTION
Options: Panel types

- **Stacking Panel**
- **Swing Panel** (At Parking Area)
- **Mid-Run Door Panel** (Integrated Hydraulic Closer in Header)
- **Fixed Swing Panel** (End Panel Only; Does Not Stack)
- **Fixed Panel**
Options: Panel headers

Typical Vertical Section

- ALUMINUM FINISH FASCIA
- CARVART GLASS
- FINISHED FLOOR BY OTHERS
- DUST-PROOF STRIKE
- SUB FLOOR IF APPLICABLE

Mid-Run Pivot Door Panel Section

- ALUMINUM FINISH FASCIA
- CARVART GLASS
- FINISHED FLOOR BY OTHERS
- DUST-PROOF STRIKE
- SUB FLOOR IF APPLICABLE

Finishes
- ALUMINUM FINISH FASCIA
- CARVART GLASS
- ALUMINUM EXTRUSION
- HYDRAULIC CLOSER
- FINISHED CEILING BY OTHERS
- FINISHED FLOOR BY OTHERS
- SUB FLOOR IF APPLICABLE

Dimensions
- Varies (Max 120°)
- 23/8" [60]
- 15/16" [33]
- 3/8" [10]
- 2 3/8 " [60]
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.
Features: Pulls and Closers

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

Ladder Pulls

- Single-sided non-locking
- Single-sided locking
- Back-to-back locking

Closer Configurations

- 24” non-locking
- 36” non-locking
- 48” locking or non-locking
- 72” locking or non-locking
- 72” ceiling configuration

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
- 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

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

Detail at wall 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.

**Pre-Assembled Components**
Easy-to-install top track: parking areas, removable maintenance piece and lengths of top track come pre-cut and assembled making it easy and fast to install.

**Self-Guided Hardware**
All hardware is self-guided to prevent any incorrect installation or operation.
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

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
# Glass Walls > Movable > Finishes

## COREglass
- 01 Pure
- 02 Warm
- 03 Cool

## COLORglass
### Transparent
- Laminated:
  - WL04
  - WL05
  - WL06
  - WL24
  - WL25
  - WL26

### COREglass Colors
- C057
- C058
- C060
- C028
- C029
- C030
- C031
- C032
- C038
- C039
- C040
- C043

### COLORglass Colors
- C045
- C046
- C047
- C048
- C049
- C050
- C052
- C053
- C054
- C055
- C056
- C059

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- C152

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## Glass Walls > Movable > Finishes

### Pattern Glass

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Etch</th>
<th>Texture</th>
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</thead>
<tbody>
<tr>
<td>01 Shine</td>
<td>05 Beam</td>
<td>09 Mirage</td>
</tr>
<tr>
<td>07 Vision</td>
<td>08 Glisten</td>
<td>10 Diffuse</td>
</tr>
<tr>
<td>20 Orb</td>
<td>21 Laser</td>
<td>11 Illusion</td>
</tr>
<tr>
<td>20 Orb</td>
<td>21 Laser</td>
<td>12 Prism</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30 Lustre</td>
</tr>
<tr>
<td></td>
<td></td>
<td>31 Fractal</td>
</tr>
</tbody>
</table>

### Metallic Glass

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Screen</th>
<th>Mesh</th>
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<tbody>
<tr>
<td>01 Gauze</td>
<td>01 Stainless Steel</td>
<td>01 Stainless Steel</td>
</tr>
<tr>
<td>02 Copper</td>
<td>02 Copper</td>
<td>02 Copper</td>
</tr>
<tr>
<td>03 Gold</td>
<td>03 Gold</td>
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<tr>
<td>08 Glisten</td>
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<td>10 Diffuse</td>
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<td>30 Lustre</td>
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<tr>
<td>31 Fractal</td>
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### Textile Glass

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Linen</th>
<th>Stria</th>
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<tbody>
<tr>
<td>01 Optical White</td>
<td>01 Natural</td>
<td>01 White</td>
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<tr>
<td>02 Copper</td>
<td>02 Copper</td>
<td>02 Copper</td>
</tr>
<tr>
<td>03 Gold</td>
<td>03 Gold</td>
<td>03 Gold</td>
</tr>
<tr>
<td>04 Bronze</td>
<td>04 Bronze</td>
<td>04 Bronze</td>
</tr>
<tr>
<td>10 Pearl</td>
<td>02 Greige</td>
<td>02 Warm</td>
</tr>
<tr>
<td>01 Champagne</td>
<td>03 Charcoal</td>
<td>03 Cool</td>
</tr>
<tr>
<td>02 Gold</td>
<td>04 Steel</td>
<td>04 Copper</td>
</tr>
</tbody>
</table>

### Gradient Glass

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Ombre</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 Dot</td>
<td>02 Ombre</td>
</tr>
<tr>
<td></td>
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</table>

### Covert Glass

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>007</td>
<td>MFSA Satin Anodized Aluminum</td>
</tr>
<tr>
<td>M</td>
<td>MFPA Polished Aluminum</td>
</tr>
<tr>
<td>DB5</td>
<td>MFBA Black Anodized Aluminum</td>
</tr>
<tr>
<td>Q</td>
<td>MFBB Blackened Aluminum</td>
</tr>
<tr>
<td></td>
<td>MFBN Brushed Antique Nickel</td>
</tr>
<tr>
<td></td>
<td>MFNK Brushed Satin Nickel</td>
</tr>
</tbody>
</table>

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**Hardware:**

- MFSA Satin Anodized Aluminum
- MFPA Polished Aluminum
- MFBA Black Anodized Aluminum
- MFBB Blackened Aluminum
- MFBN Brushed Antique Nickel
- MFNK Brushed Satin Nickel

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Views

Shown in order of lowest to highest translucency

T (Transparent)

T.W (Translucent W)

T1 (Translucent 1)

T.2 (Translucent 2)

T3 (Translucent 3)

T4 (Translucent 4)