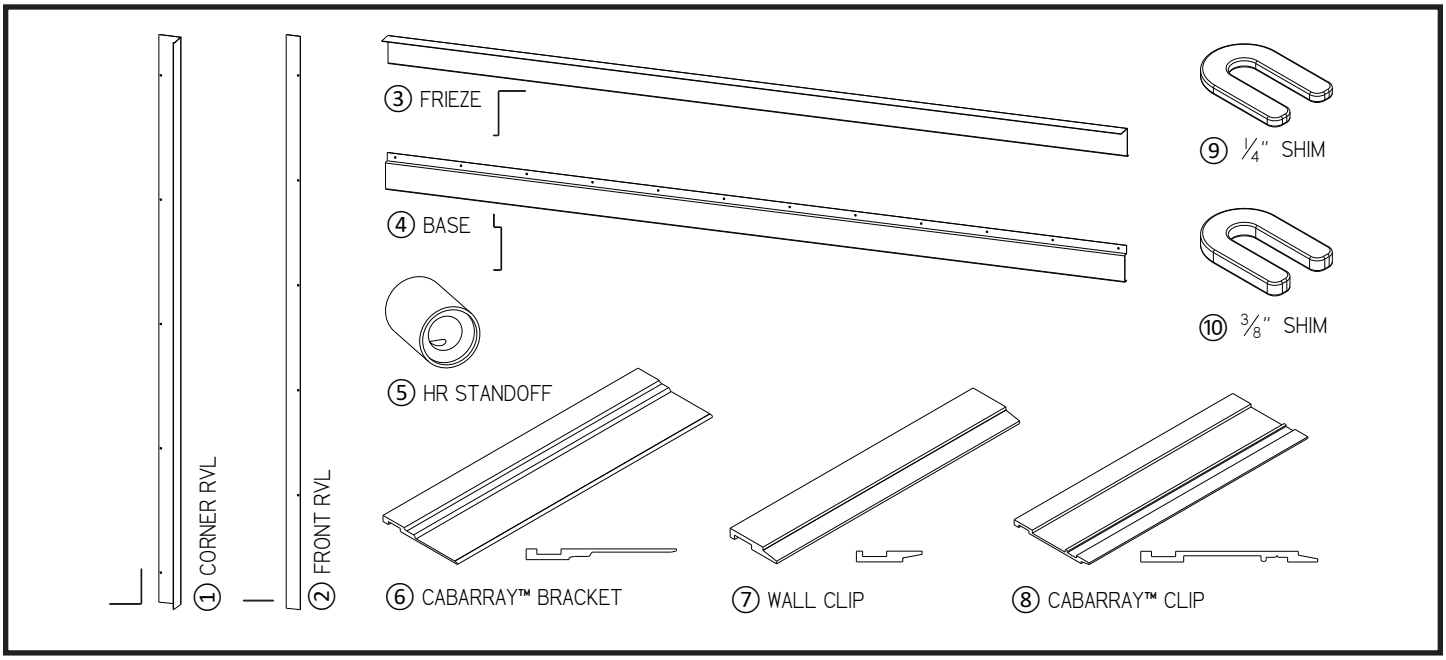
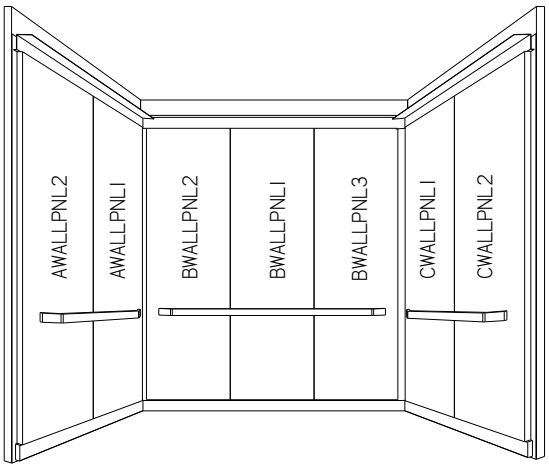
CabArray™ Bohemian Installation Guide

Assembly Components



Installation Sequence



1. Front corner reveals
2. BWall base
3. A and C wall base
4. BWall clips
5. A and C wall clips
6. BWall center and flanking panels
7. BWall corner reveals
8. BWall frieze
9. A and C wall panels
10. Handrail (if applicable)
11. Ceiling assembly (if applicable)

Important Reminders

- Refer to project drawings for accurate measurements and configurations
- Be mindful of cab squareness and make necessary adjustments
- Regularly check alignment and secure fitting throughout installation process

Safety First

Ensure all safety protocols are followed during installation, particularly when working with electrical components and at heights. We always recommend using International Union of Elevator Constructors for your elevator projects.

*For further assistance or queries, please call **773-588-1731**, check our website **www.cabworks.com** or contact your sales representative.*

Preparation

Hoistway Interference

Confirm no objects will be damaged with use of drills, cutting tools, or fasteners through the cabshell wall.

Installation Kits

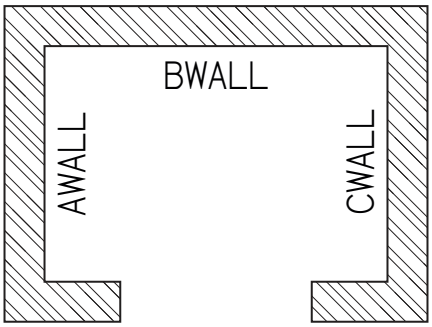
Hardware for installation in standard metal or wood cabshells is provided and labeled by assembly item - not for all conceivable installation circumstances. Our goal is to make installations as seamless as possible, if there is something we can do to help, please let us know!

Preparatory Videos

CabArray™ Bohemian Installation

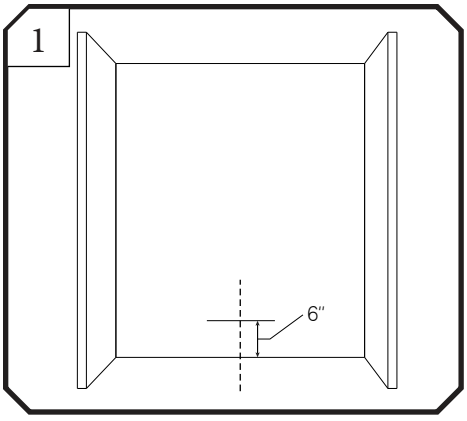
Wall Labeling

CabArray™ follows an ABC labeling system for wall panel installation



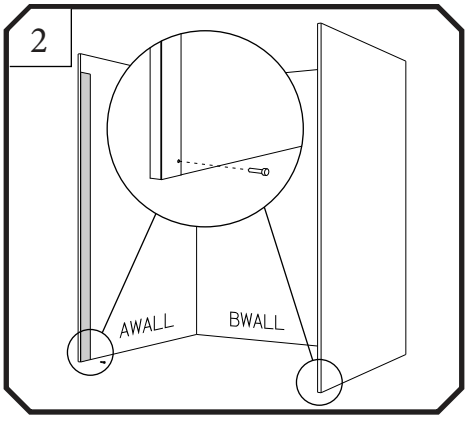
Installation Instructions

NOTE: Ensure ventilation slots are behind the base location. If not, drill or cut holes following ASME 17.1 code



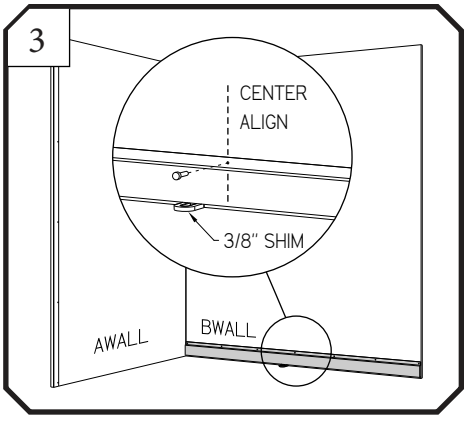
Measure and Mark

- Find BWALL center point and mark near the bottom about 6" AFF (Above Finish Floor)
- Cabshell walls can be bowed or damaged, causing installation problems as panels interlock. Identify dents or bows with a level and mark the depth. Insert shims as needed.



Front Corner Reveals

- Install AWALL and CWALL front corner reveals ②
- Clean and prepare wall for use of adhesives (not required but may eliminate vibrations)
- Attach reveals to cabshell walls with fasteners



Attach Backwall Base

- **BWALL BASE ④ must be installed first, before other bases, clips or panels**
- **Ensuring base is placed accurately AFF, plumb and level is critical to remaining installation**

- Place 3/8" air gap shim ⑩ on finished floor or even with top of the sill
- Place BWALL BASE on top of shim, center align with BWALL and attach

NOTE: Out of square cabs can cause spacing issues. Installing a shim behind backwall base can close gaps to ensure a high quality installation.

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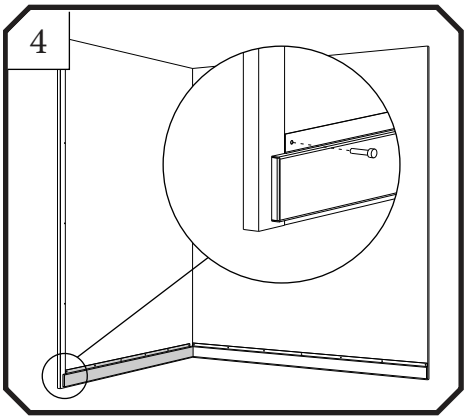
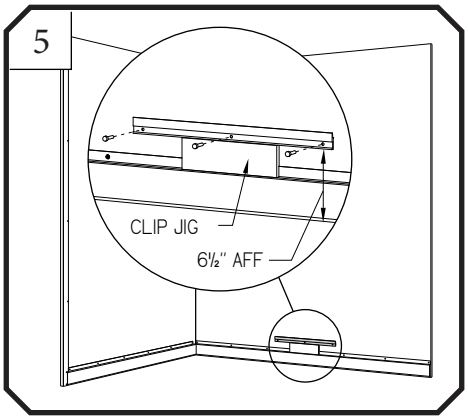
NOTE: If cabshell is bowed, shim CabArray™ clips to stop rattling and ensure proper panel alignment



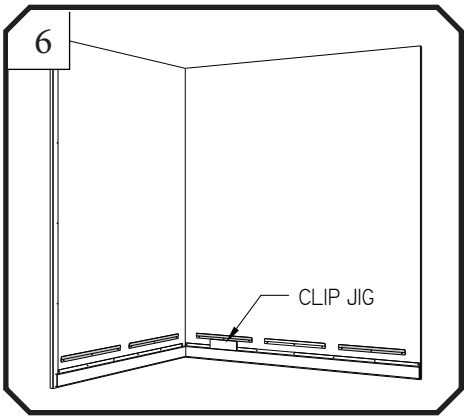
Attach Sidewall Bases

- Repeat for AWALL BASE and CWALL BASE
- Press against sidewall and slide towards front until approximately 1/16” from the front wall



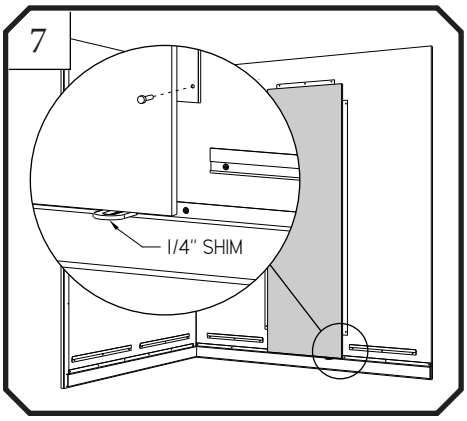
Install Backwall Clips

- Place wall clip ⑦ on top of clip jig to set correct height. The clip jig rests directly on top of CabArray™ base ④ ledge
- Center align clip with BWALL and fasten to the cabshell. The number of wall clips is determined by panel design and shown on provided drawings.



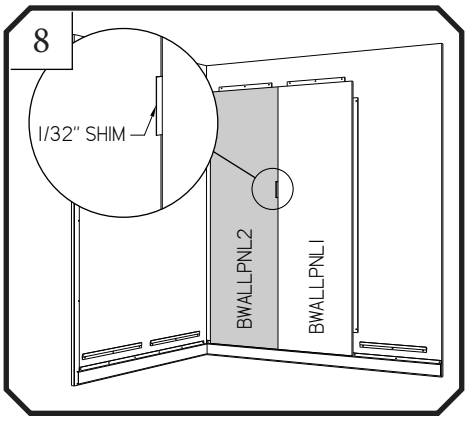
Install Sidewall Clips

- Follow the same procedure for sidewall clips according to provided project drawings



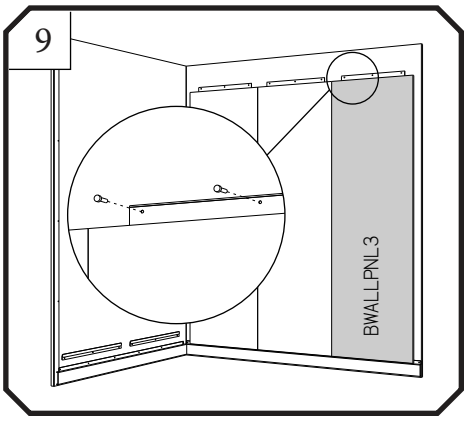
Backwall Center Panel

- Slide BWALLPNL1 down, engaging bottom row panel clips with wall clips
- Use 1/4” shim ⑨ to maintain 1/4” gap between top of base and bottom of panel
- Center panel on the backwall
- Fasten wall panel brackets to cabshell along both sides of the panel



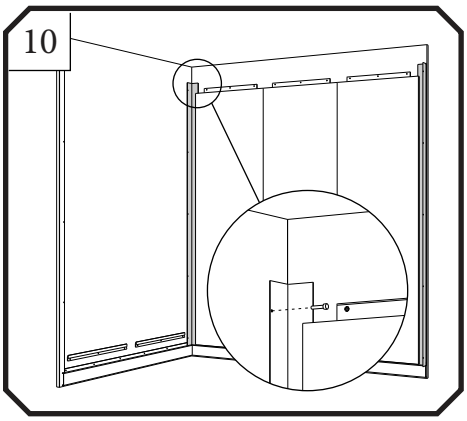
Align Backwall Flanking Panels

- Push BWALLPNL2 down along the wall and toward BWALLPNL1 to engage with wall clips
- Hold shim appropriate to design’s panel spacing between panels prior to attaching to the wall, creating perfect reveal spacing for every panel
- Typical panel spacing is 1/32” - refer to project drawings



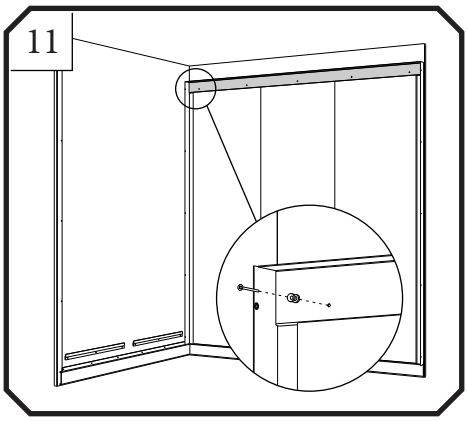
Attach Backwall Flanking Panels

- Secure CabArray™ brackets along the sides and top of panel using fasteners
- Repeat for BWALLPNL3 ensuring correct alignment and clip engagement with BWALLPNL1



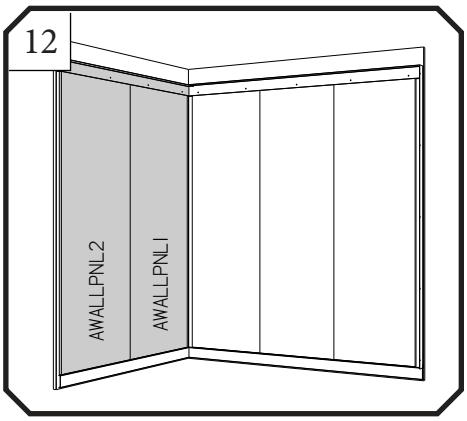
Backwall Corner Reveals

- Install L-shaped corner reveals ①
- Tuck reveal behind backwall panels and attach to sidewalls using fasteners



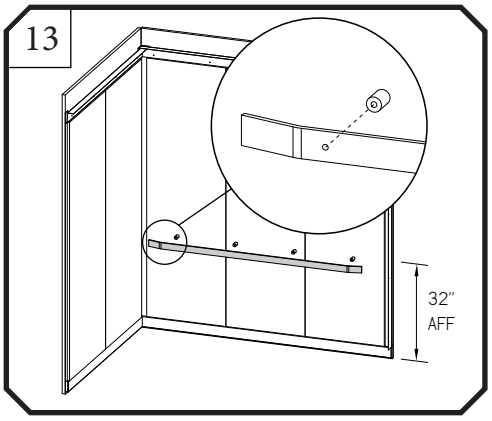
Backwall Frieze

- **Install BWALL frieze ③ prior to all side panels**
- Rest BWALL frieze on top of backwall panel and secure using decorative screws through pad studs
- Pad studs can be attached using thru-bolts, threaded inserts, or self-tapping screws as appropriate for specific project conditions



Sidewall Panels

- Repeat process for AWALL and CWALL panels, beginning with each respective PNL1 adjacent to backwall



Handrail / Kickrail Installation

- If handrails or kickrails are included in your project, complete all panel installations before attaching
- If panels are not predrilled, mark hole locations on panels and run a pilot bit through the panel and the cabshell wall **(make sure nothing is behind the shell wall at these locations)**
- Attach the standoff back through the panel and into the cabshell with fasteners, set screw pointing down when tightening
- Slide handrails into standoffs and secure set screws
- Typical handrail height is 32" AFF (above finished floor) to top of handrail - confirm height with project drawings