Installation Instructions

NuLook Skeleton



NuLook SkeletonPlus



Amico

User Responsibility

The installation instructions provided are for Amico standard products. Slight modifications to the installations may be required. The product shipped to the job site may not be exactly as shown on the installation drawings. Refer to submitted shop drawings for project specifics where required. Consult with project manager regarding custom elements on your project.

IMPORTANT: PLEASE READ CAREFULLY PRIOR TO START

- Review and understand all instructions before commencing work.
- Headwall installation should conform to the local building codes.

All on-site preparations must be done prior to the delivery of the headwall units. Please contact Amico to confirm and review all information listed below. Failing to do so may result in discrepancies/misalignments during installation.

Please Note These Keywords and Symbols:

⚠ **WARNING:** Steps where extra care should be taken to prevent injuries and damage.

ⓘ **NOTE:** Steps that point out helpful information.

❗ **IMPORTANT:** Be sure to observe this instruction.

Preparation Before Installation

1. Review a copy of the final approved shop drawing(s) and/or submittal package. These documents will provide you with technical information specific to your installation, such as:
   - Equipment types and quantities
   - Room numbers and locations
   - Shop drawings of each unit type
   - Blocking locations

❗ **IMPORTANT:** Before installation of units, ensure rough-in opening meets dimensions in shop drawings.

⚠ **WARNING:** All wiring must be completed per the National Electrical Code and/or local electrical codes by a licensed electrician.

2. Some common tools not provided that may be required to complete the installation are:
   - Cordless drill/driver with common drill or drive bits
   - Hand tools (screwdrivers, wrenches, clamps, pliers, etc.)
   - Laser- or Bubble-level
   - Ladder(s)

Preparation Before Installation

Please choose the appropriate installation methods in this manual based on the product you have purchased.

NuLook Skeleton:

- Steps 1, 2, and 3A
- Pages 4-6
- Hardware 1

NuLook SkeletonPlus:

- Steps 1, 2, 3B, and 4
- Pages 4-11
- Hardware 2 and 3

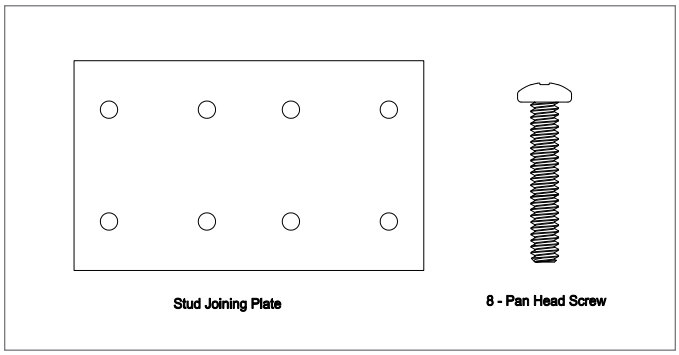
Hardware Provided by Amico

- Joining plates will be pre-installed on stud frame sections in locations recommended by Amico.
- 4 screws required per joining plate.

IMPORTANT: Joining plates labeled '**X**' in this instruction, fasten frame sections to building studs' rough opening. (2 screws shipped on unit and 2 screws provided by others, per plate).

IMPORTANT: Joining plates labeled '**Y**' in this instruction, fasten the Amico Stud Frames together. (Per plate, either 4 screws will be shipped on unit OR 2 screws shipped on unit with 2 screws shipped loose).

NOTE: Screws shipped loose can be found in nurse call or low voltage box with a red hardware tag.



Hardware 1: Joining Plate and Mounting Screws

NOTE: Joining plates may be rotated on units during shipping (see **Figure 1**).

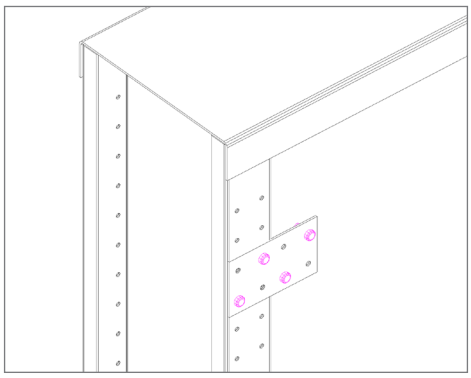


Figure 1: Rotated Installation of Joining Plates During Shipping

Installation

Based on your headwall, choose step 1 of installation to follow:

Step 1A – Installation of Single Stud Frame Section.

Step 1B – Installation of Multiple Stud Frame Sections.

Step 1A – Installation of Single Stud Frame Section

IMPORTANT: Please refer to the dimensions indicated on shop drawings.

1. Insert stud frame section into rough-in opening (see **Figure 2**).
2. Level stud frame section using tabs detailed below (see **Figure 2**).
3. Once level, ensure unit is plumb and secure it to the left and right building studs at plate locations labeled '**X**', using hardware provided by others (see **Figure 2**).

   IMPORTANT: Panel gaps may appear if stud frame sections are not level and plumb.
4. Positively mount the stud frame section to floor and rough opening header (hardware provided by others).

   IMPORTANT: Do not force the base of the unit into any uneven or irregular surfaces in the floor.
5. Connect medical gases and electrical services per project specific details from the approved shop drawings.

   WARNING: Make the necessary high-voltage and low-voltage electrical connections by a licensed electrician.

   NOTE: Medical gases and electrical to terminate as per shop drawings.
6. Insulate and/or detail wall cavity as per project plans and specifications (provided by others).
7. As required by site condition, seal around outside of headwall where drywall imperfections may be (provided by others).

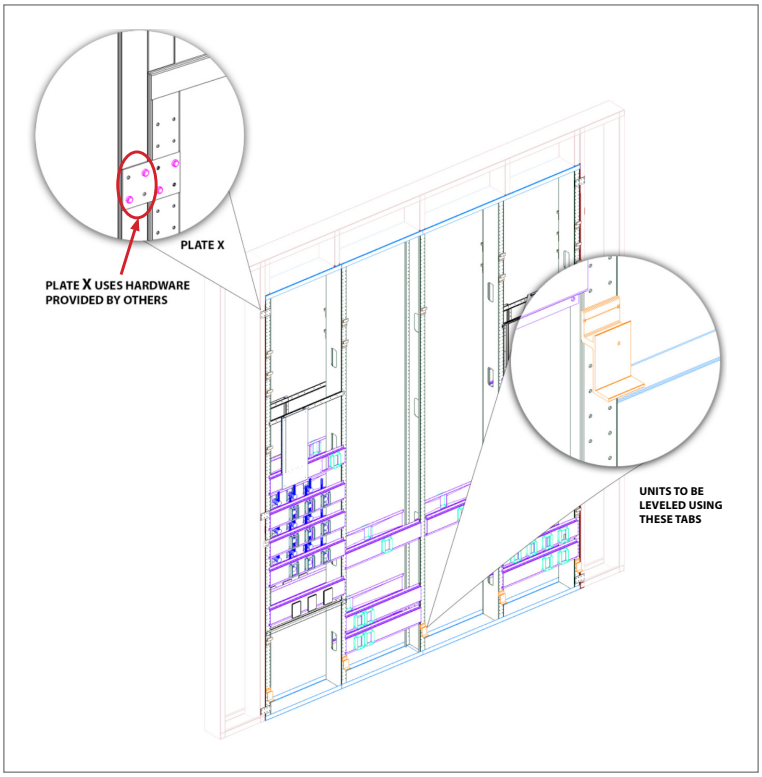


Figure 2: Single Stud Frame Installation Diagram

Step 1B – Installation of Multiple Stud Frame Sections

IMPORTANT: Please refer to the dimensions indicated on shop drawings.

1. Insert stud frame sections into rough-in opening from left-to-right (see **Figure 3**).
2. Connect the stud frame sections at plate locations labeled '**Y**' using provided hardware found in nurse call or low voltage box (see **Figure 3**).
3. Level all stud frame sections using tabs detailed in **Figure 2**.
4. Once level, ensure units are plumb and secure them to the left and right building studs at plate locations labeled '**X**', using hardware provided by others (see **Figure 3**).

   IMPORTANT: Panel gaps may appear if stud frame sections are not level and plumb.
5. Positively mount stud frame sections to the floor and rough opening header (hardware provided by others).

   IMPORTANT: Do not force the base of the unit into any uneven or irregular surfaces in the floor.
6. Connect medical gases and electrical services per project specific details from the approved shop drawings.

   WARNING: Make the necessary high-voltage and low-voltage electrical connections by a licensed electrician.

   NOTE: Medical gases and electrical to terminate as per shop drawings.
7. Insulate and/or detail wall cavity as per project plans and specifications (provided by others).
8. As required by site condition, seal around outside of headwall where drywall imperfections may be (provided by others).

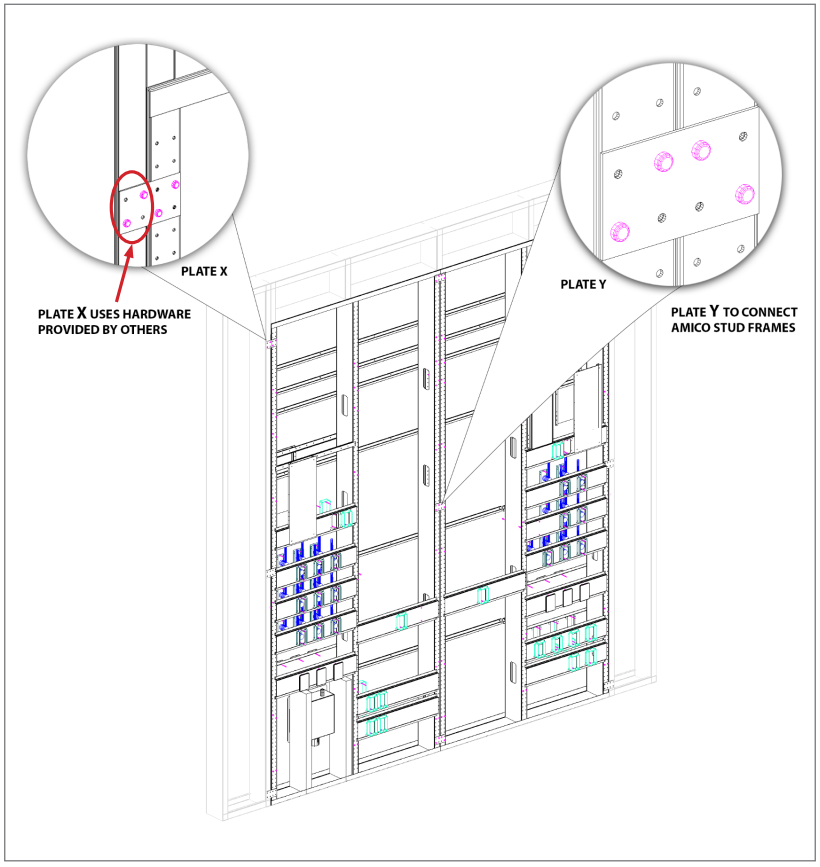


Figure 3: Multiple Stud Frame Installation Diagram

Step 2 - Drywall Installation (Provided by Others)

1. Cut/install drywall around the extension rings, mounting guides, and gas brackets.
2. Tape and paint to desired finish.

ⓘ For NuLook **Skeleton**, finish with **Step 3A**.

ⓘ For NuLook **SkeletonPlus**, DO NOT install outlet and receptacle cover plates, **skip to page 7**.

Step 3A - Outlet Installation

ⓘ **NuLook Skeleton only.**

1. Install outlet and electrical cover plates. NuLook Skeleton is now completely installed.

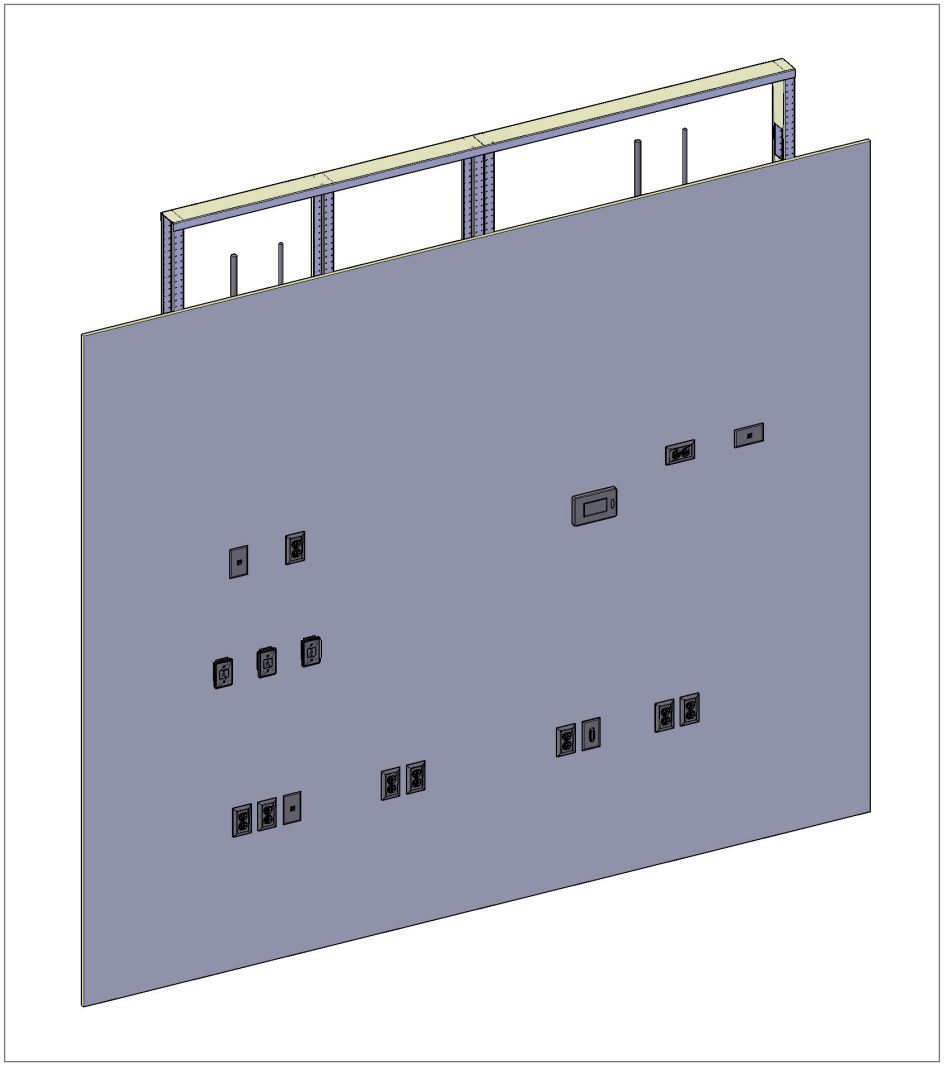


Figure 4: Completed Skeleton Frame

Installation - NuLook SkeletonPlus Only

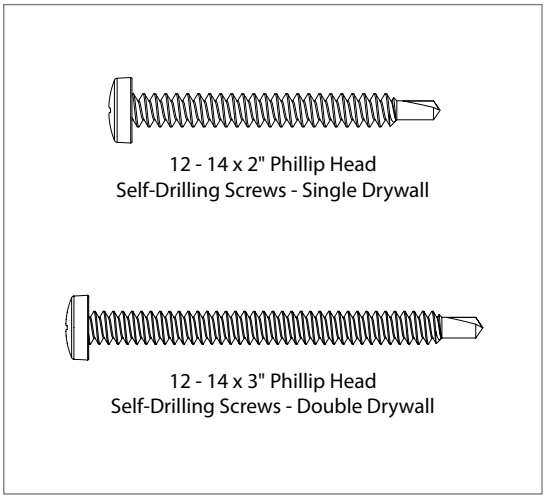


ⓘ **NuLook SkeletonPlus only.**

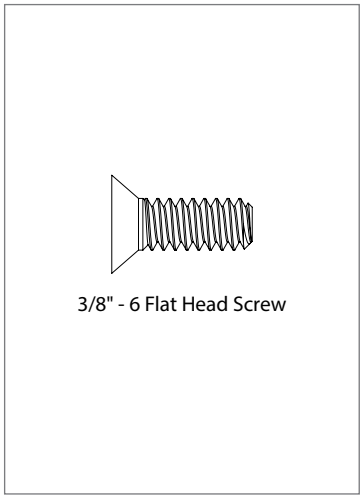
ⓘ Before proceeding, ensure you have completed **Step 1** and **Step 2**.

Hardware Provided by Amico

ⓘ **NOTE:** Screws shipped loose can be found in nurse call or low voltage box with red hardware tag.



Hardware 2:
Hardware for Positive Mounting of Frame on Single/Double Drywall



Hardware 3:
Hardware for Top Trim Installation



Step 3B - Panel Frame Installation

ⓘ NuLook SkeletonPlus only.

1. Remove panels.

   IMPORTANT: See **Page 11** for panel removal and handling.

   NOTE: Frames are shipped with the panels and rails attached and labeled for easy identification.

2. Install the middle frame in place.

   IMPORTANT: The Center Frame is self-aligned vertically and horizontally by resting the mounting brackets on guide plates at top and bottom areas.

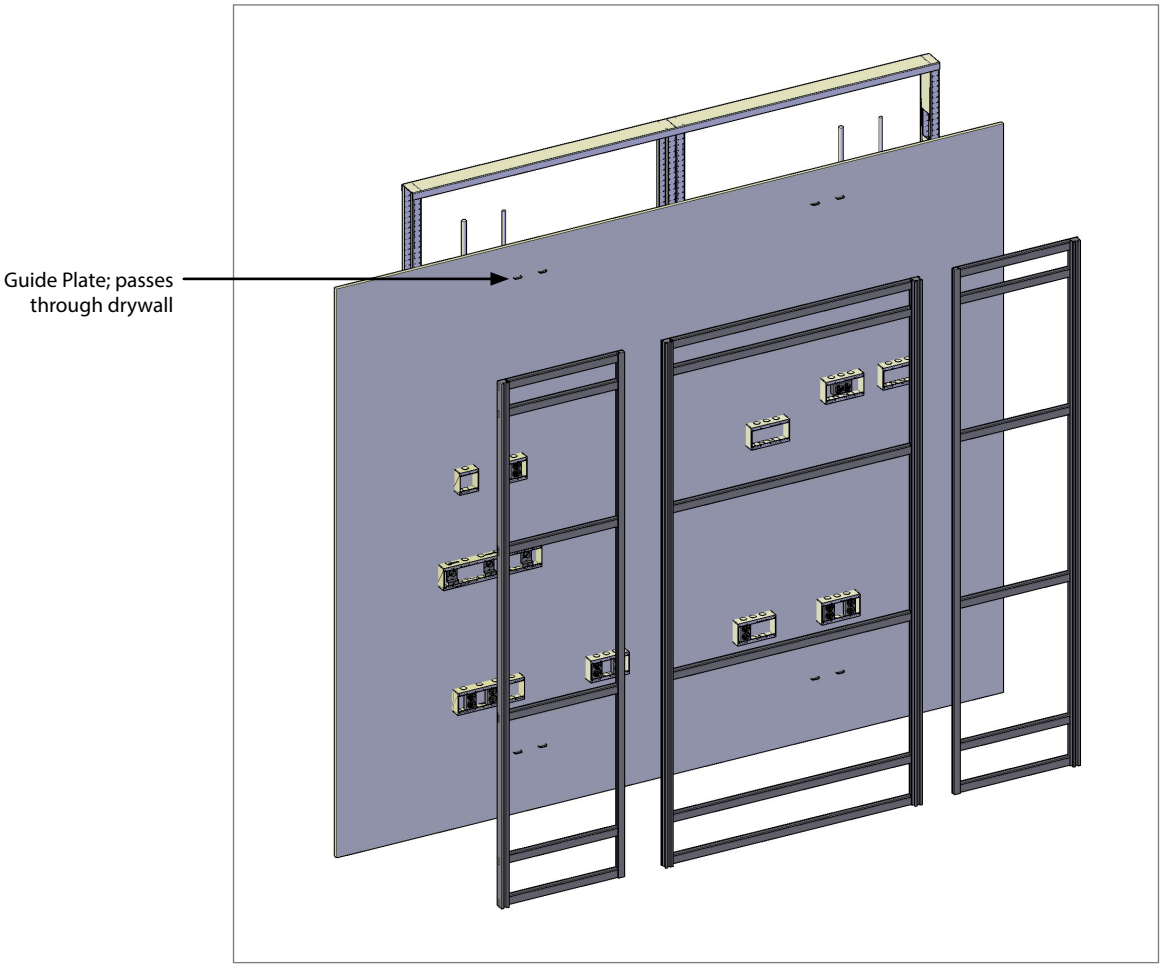


Figure 5

Installation - NuLook SkeletonPlus Only



3. Temporarily set the frame on the wall by resting it on guide plates.

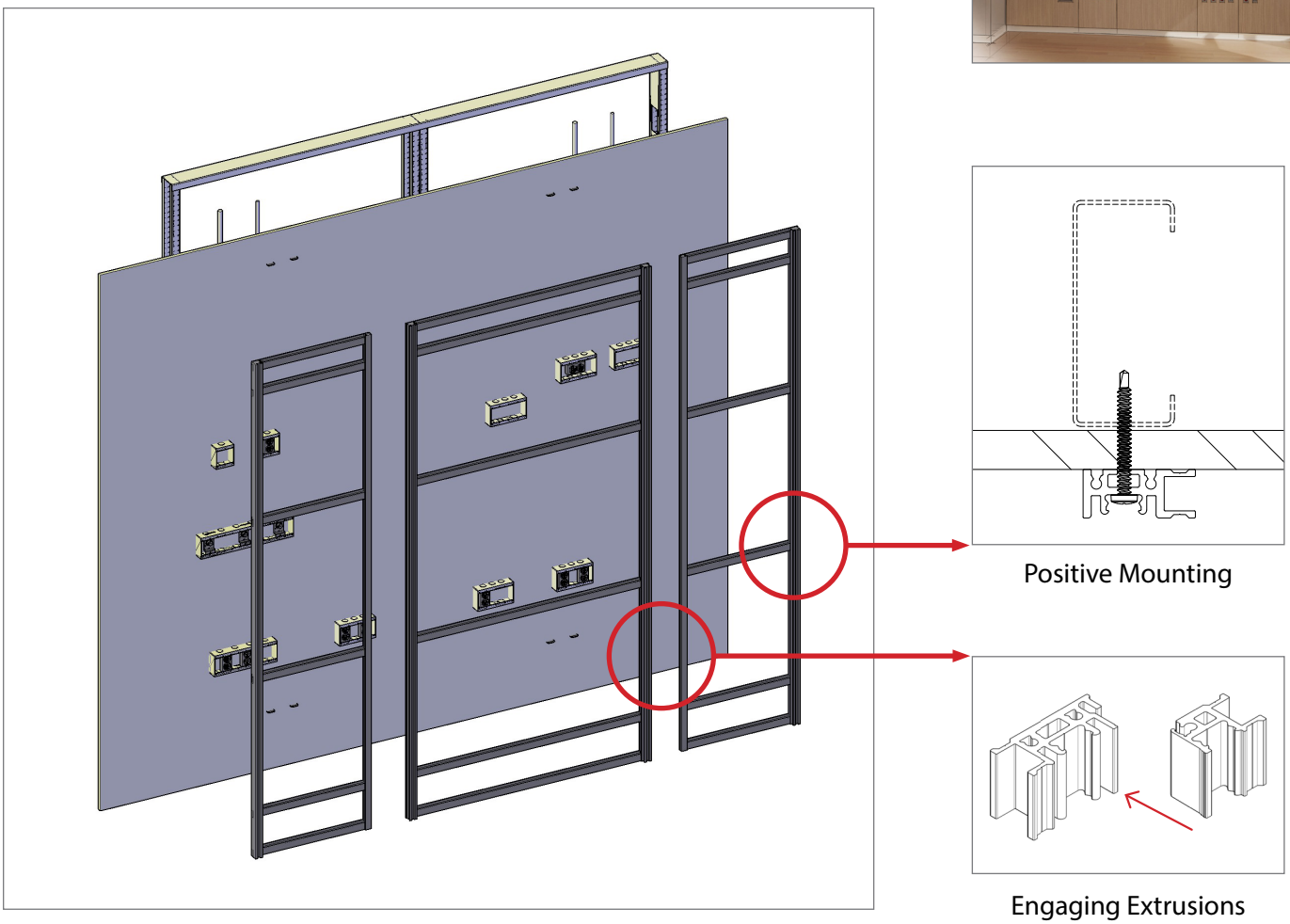


Figure 6

4. Install the left frame by engaging the extrusions as shown above.

   NOTE: Make sure the frame rest on an overhang bottom plate of middle section frame.

5. Repeat step 4 for the right frame.

   NOTE: Make sure the bottom plates are aligned within the sections.

6. Proceed with positive mount screws (**Hardware 2**) using holes provided in the frame at top, bottom, and vertical extrusions.

   NOTE: All required holes are predrilled and colour indexed.



Step 4 - Install Panels, Rails, and Device Cover Plates

NuLook SkeletonPlus only.

1. Attach all removed items:
   - Panels
   - Loose devices, cover plates, and gas outlets

   IMPORTANT: Do not overtighten the medgas cover plates.

2. Reinstall the rails.

   IMPORTANT: (If Applicable) Install the Vertical Rails onto the Frames with screws provided. Reinsert the vinyl strip into the track to cover the screws (Must use the hardware provided to reinstall the rails).

3. Install top trim (**Hardware 3**).

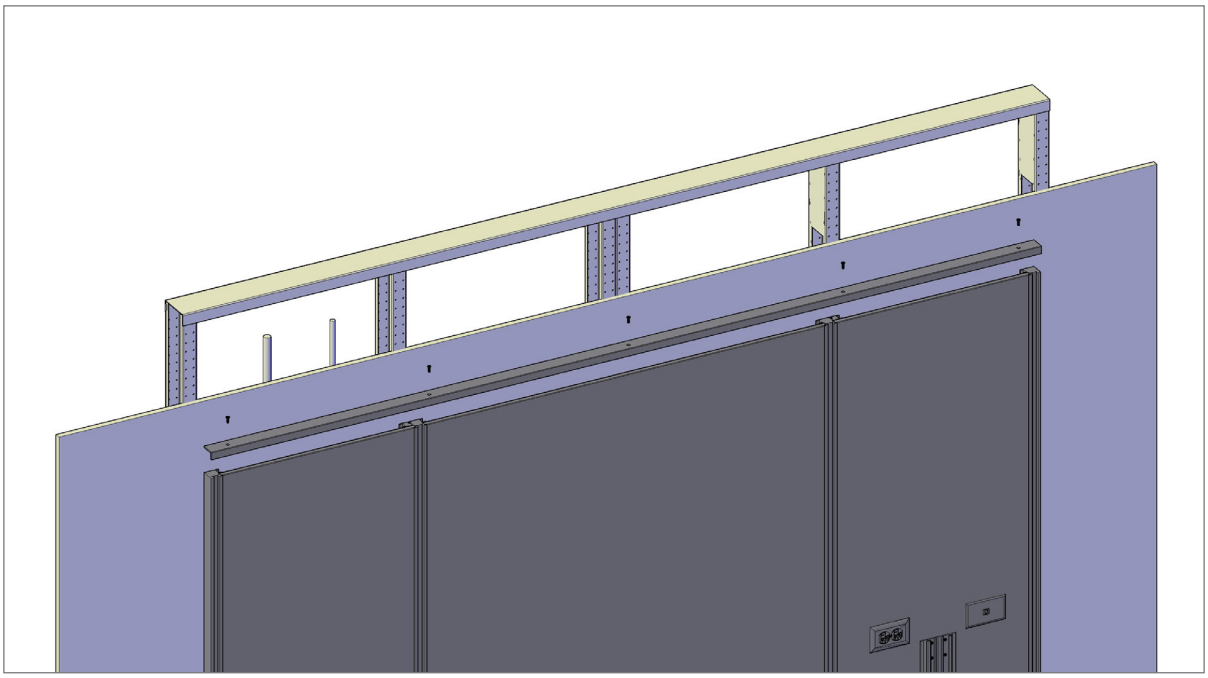


Figure 7

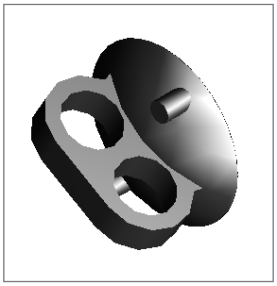
Panel Removal/Handling



NuLook SkeletonPlus only.

Panels

1. Use the provided suction cup to remove all panels. Be careful not to drop the panels.



Part #: W-X-LIFTER-0475

Panels with vertical rails and services

1. Remove vertical rails, where applicable:
   - Remove Bottom Plate or Top Plate
   - Remove Insert Strip
   - Remove Screws
   - Remove Rail
2. Remove device cover plates where applicable.
3. Remove panels (using the provided suction cup).

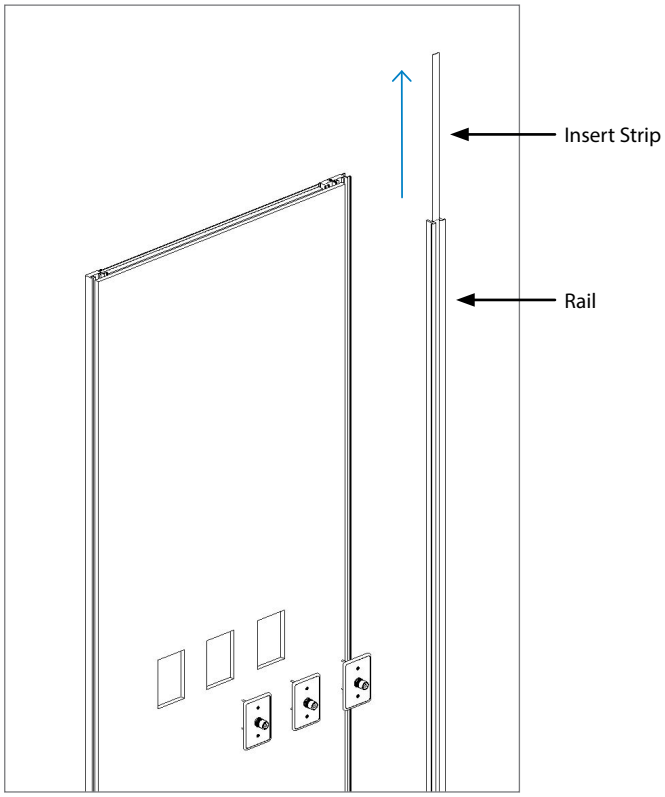


Figure 8

WARNING:

- Stack panels face to face to prevent damage.
- Keep panels as flat as possible when handling or storing.
- Do not drag panels on other panels in order to prevent scratching or scuffing.
- Panels must be stored on a dry surface (never directly on the floor or directly on concrete).
- It is desirable to keep the panels in a controlled environment where the HVAC system is operating.

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ACA-IM-NULOOK-SKELETON-SKELETONPLUS 08.29.2025