Installation Instructions

Power Columns





Regal Series

Amico

User Responsibility

The installation instructions provided are for the 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. See additional sheets for project specifics where required.

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.

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
    - Wiring diagrams and rough-in locations

⚠ **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)

3. Locate the power column from the shipping boxes that you wish to install. The contents of each shipping box are listed on the shipping documents. Based on your Power Column Design, please choose your frist step from one of the following:
    - **Type A Design** – No Access Panel at the Base of the Column
    - **Type B Design** – Access Panel at the Base of the Column

Type A Design – No Access Panel at the Base of the Column

1. Remove laminate panels from power column (using tool provided) by lifting panels vertically until resistance is felt, then rotate bottom of panel out and pull down (See **Figure 1**). Be careful not to drop panels.

NOTE: Please refer to the Panel Removal/Handling on last page for tool provided to remove panels.

2. Anchor base of column to floor (hardware by others). Note that the base does not have to be removed to complete this step (See **Figure 2**).

3. **Skip to page 6** for the rest of installation.

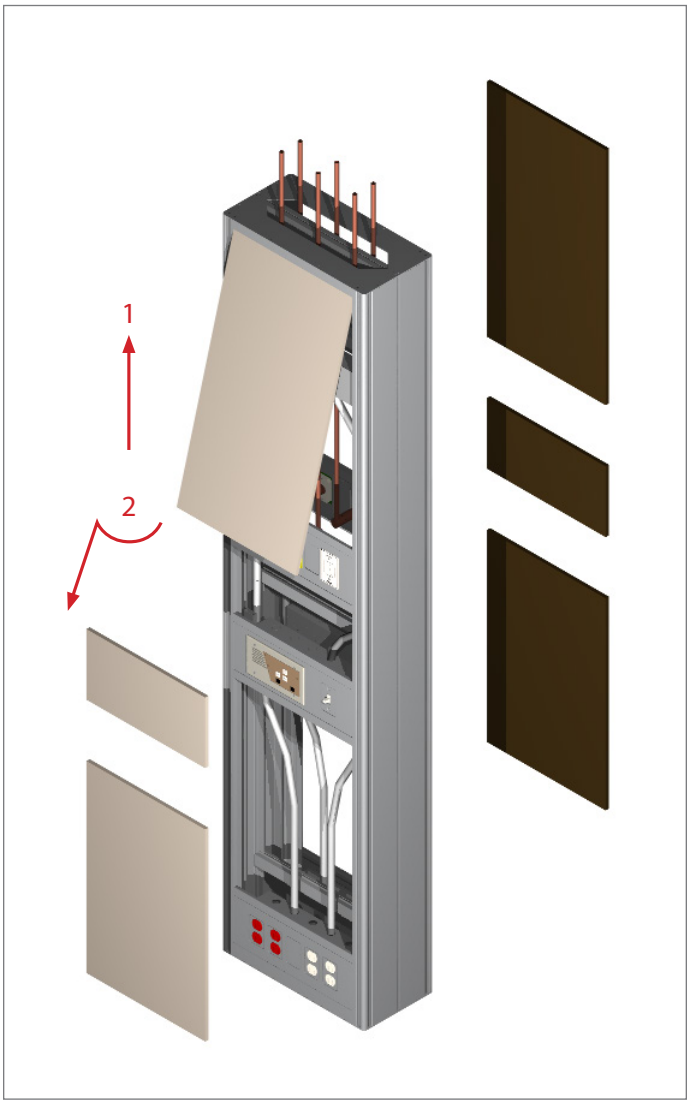


Figure 1

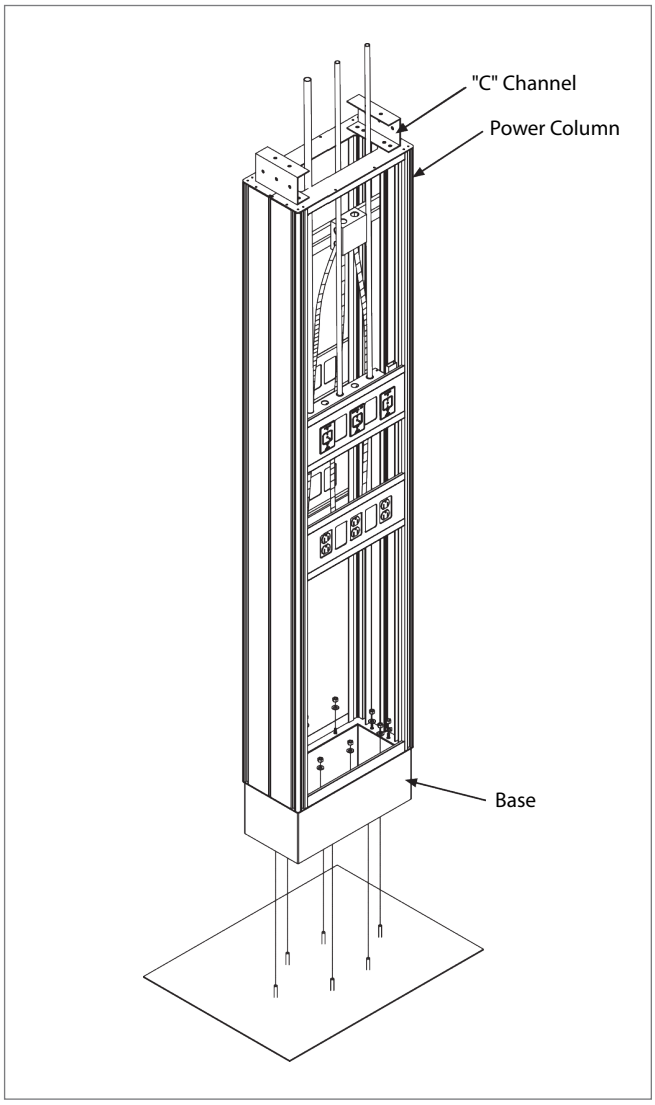


Figure 2

Type B Design – Access Panel at the Base of the Column

1. Remove the screws to the bottom access panel at the base of the column and anchor the base of column to floor (hardware by others). See **Figure 3**.

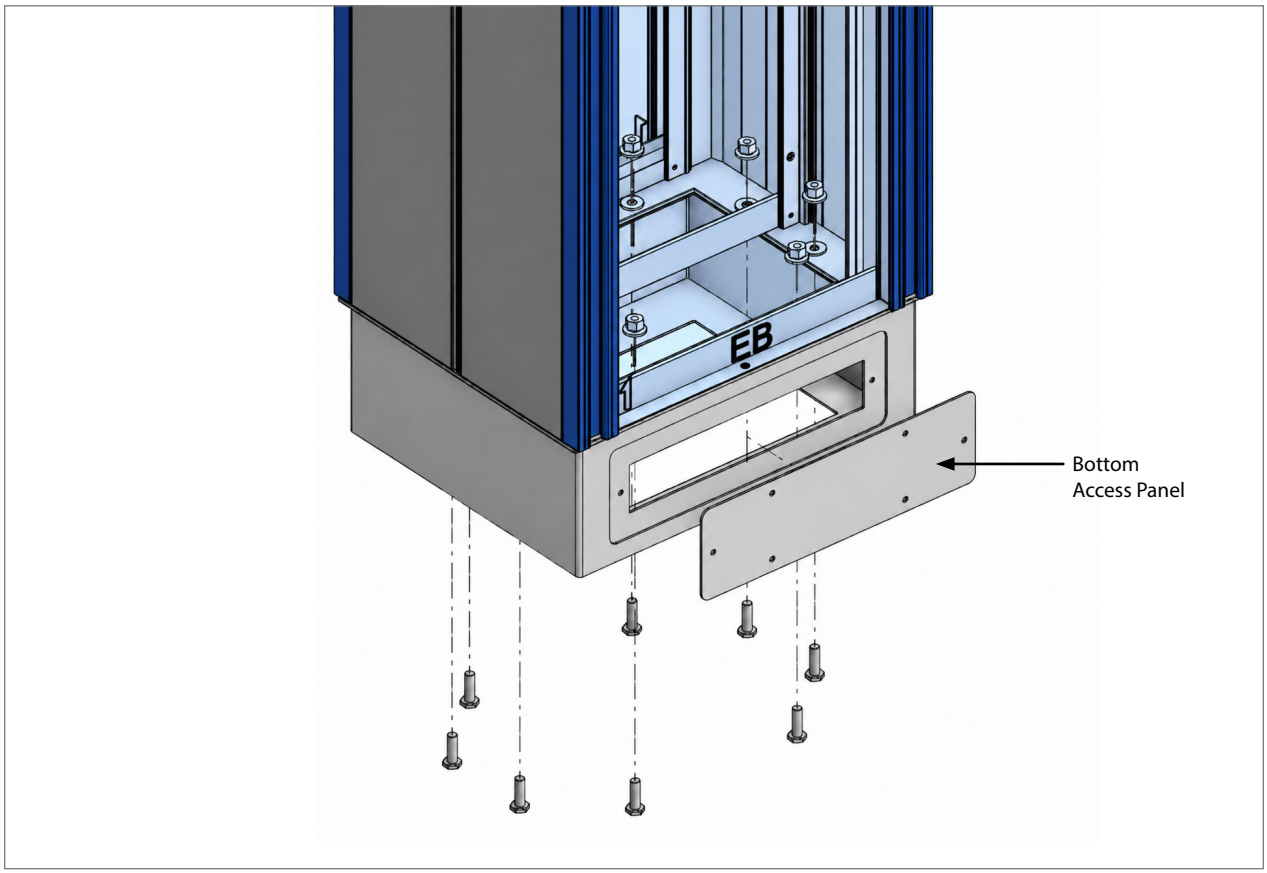


Figure 3

2. Re-install the bottom access panel.

NOTE: For power columns with a Type B design, please see Panel Removal/Handling on last page for how to remove all panels.

3. **Continue to page 6** for the rest of installation.

4. Structural bracket(s) and hardware to attach to the Amico column are to be supplied and installed by others (see **Figure 4**). Amico provides two "C" channels attached to the column to mate with this structural support (see **Figure 5**).

NOTE: Refer to **Table 1** to determine dimensions for "A".

Power Column Size	Dimension for "A"
9" x 9"	7.000" (178 mm)
12" x 9.875"	9.875" (251 mm)
19" x 9.875"	16.875" (429 mm)
28" x 9.875"	26.375" (670 mm)

Table 1

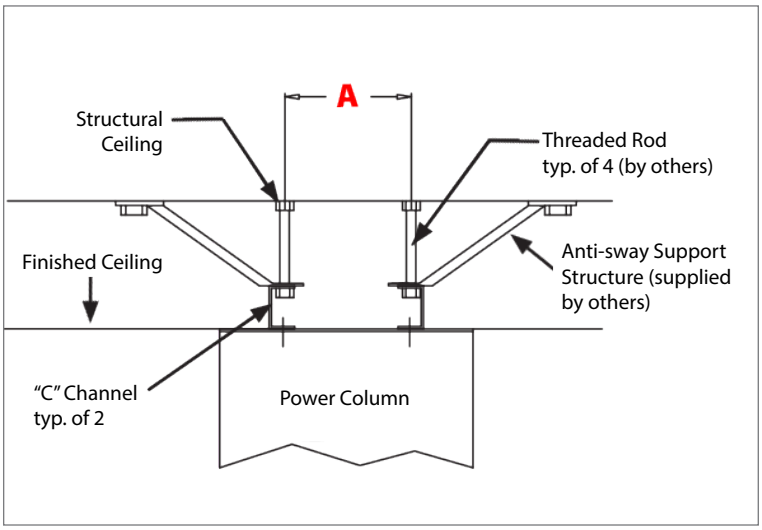


Figure 4

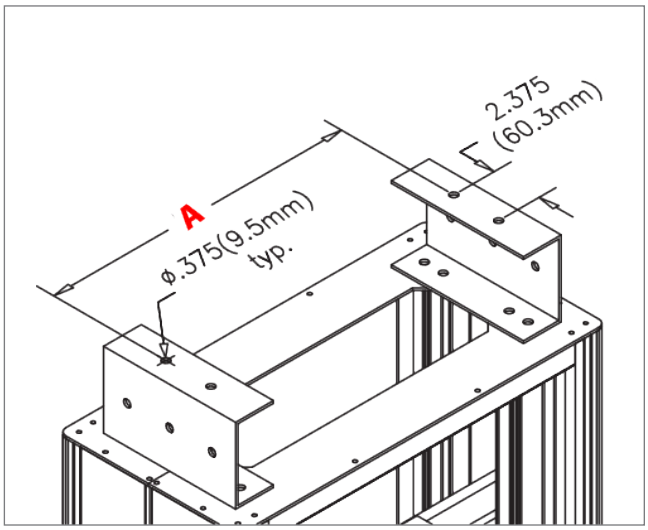


Figure 5

5. All line voltage devices within the column are pre-wired to dedicated junction boxes, located as per shop drawings (either inside the column, or located outside the column via conduit). Connect normal and emergency power at these junction boxes.

6. Amico provides a low voltage termination box and conduits, located as per shop drawings, to the low voltage devices within the column. Low voltage devices are supplied, installed, and wired by others.

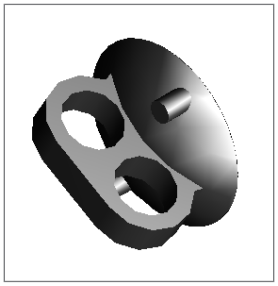
7. All medical gas and vacuum outlets within the column are manifolded to a single point connection for each gas at the top of the column to facilitate installation. Appropriate contractor to connect to hospital supply at this point, following applicable building code(s).

8. If installing power column Type A, re-insert laminate panels removed in **Step 1**.

Panel Removal/Handling

Access Panels

1. Use the provided suction cup to remove the access panels (**Figure 6**). Be careful not to drop the panels.



Part #: W-X-LIFTER-0475

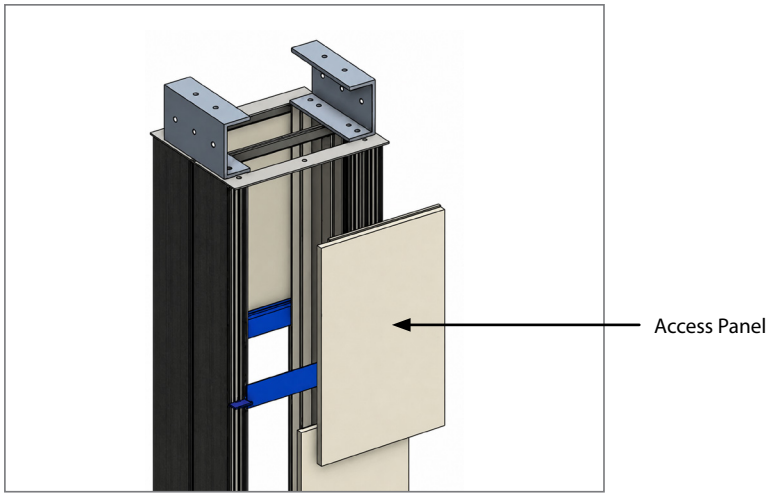


Figure 6

Panels with Vertical Rails and Services

1. Remove vertical rails, where applicable:
    - Remove Insert Strip
    - Remove Screws
    - Remove Rails
2. Remove device cover plates where applicable.
3. Remove panels using the provided suction cup.

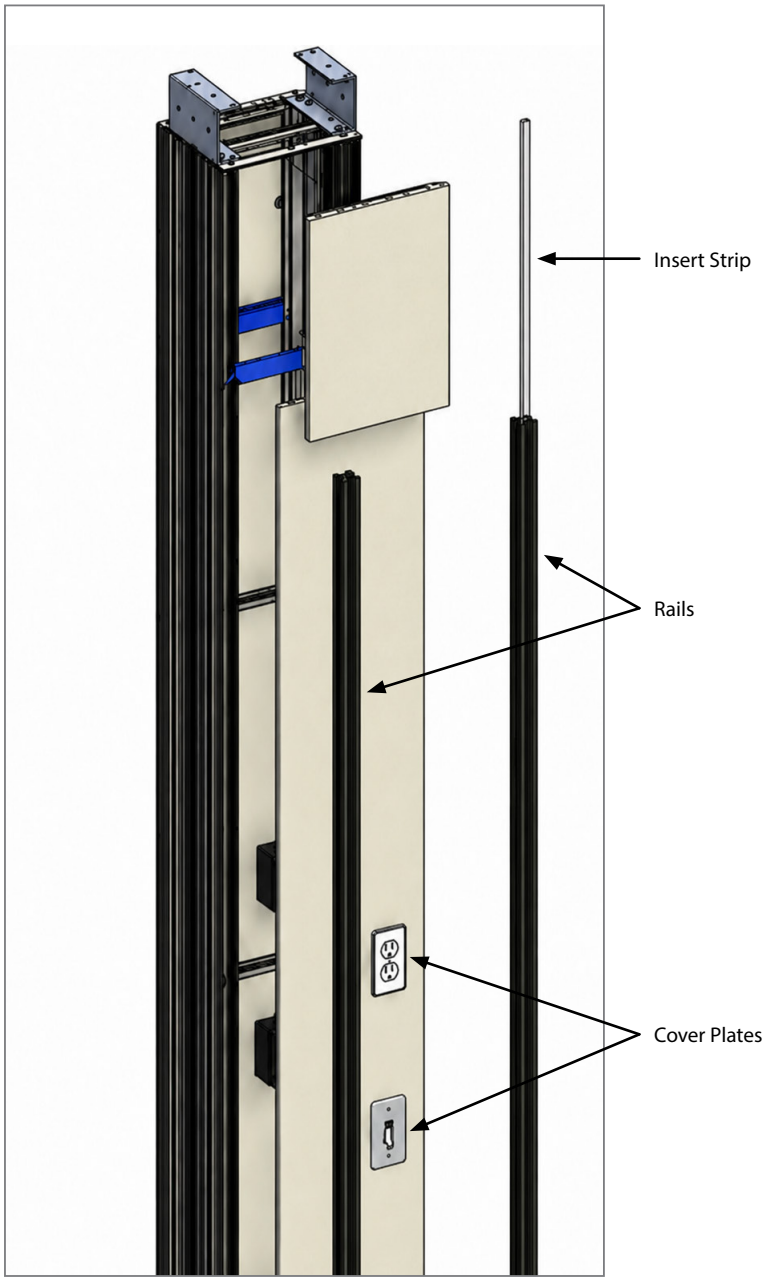


Figure 7

⚠ WARNING FOR ALL PANELS:

- 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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