

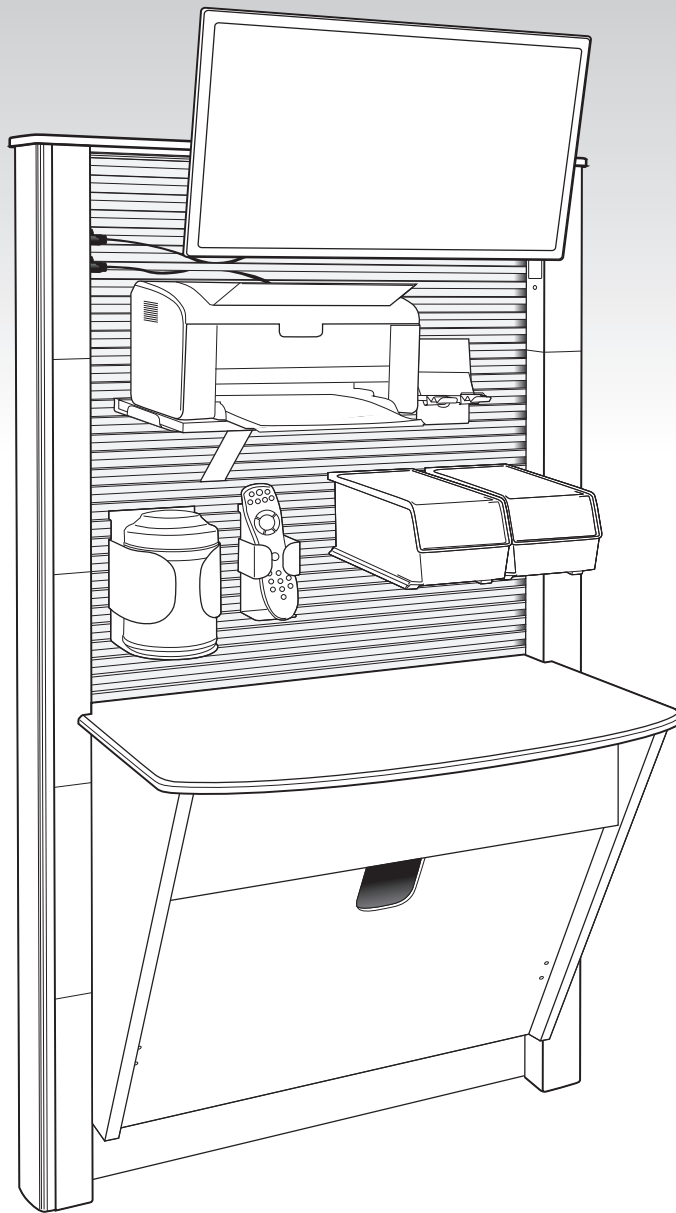


ergonomic products

Performance Without Compromise™

Specification and Installation Guide

C2E1 ESSENTIAL WORKCENTER™



Shown with accessories, sold separately

Product ID: **C2E1**
950-101 Manual version: **D**



Thank you for purchasing the Ergonomic Products Essential WorkCenter.™

Years of research by dentists, engineers and designers have made this a uniquely effective product in the industry. We stand behind our equipment, and genuinely believe it to be the best available on the market.

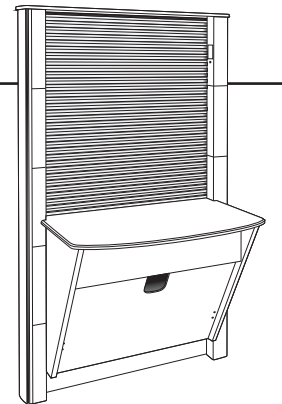
Should you have any questions regarding the product's installation or use, please don't hesitate to call our customer service specialists at **1-866-ERGO-4-US**. We may also be reached via email at **equip@ergonomic-products.com**.

We hope you enjoy the benefits and quality of your new equipment and look forward to handling your future needs as you and your practice continue to grow!

- The Ergonomic Products Team

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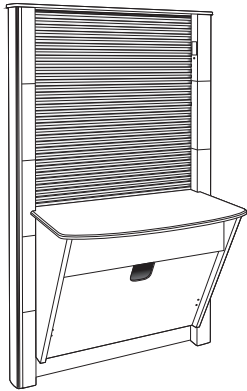
This manual contains the complete assembly instructions for your new Essential WorkCenter. Please read this information carefully before installation to familiarize yourself with the product, site specifications, installation instructions and required tools.

QUESTIONS?

**Call our Customer Service Specialists at:
1-866-ERGO-4-US.**



1 - SPECIFICATIONS and SITE PLANNING



USE & FEATURES

- Ample Corian® Counter space
- Extensive Slatwall allows custom arrangement of Product and Supplies

VARIANT/OPTION NOTATIONS

Typical installation will include a water feed, though the WorkCenter may be used with self-contained water systems as well.

BASIC UTILITY REQUIREMENTS

Plumbing

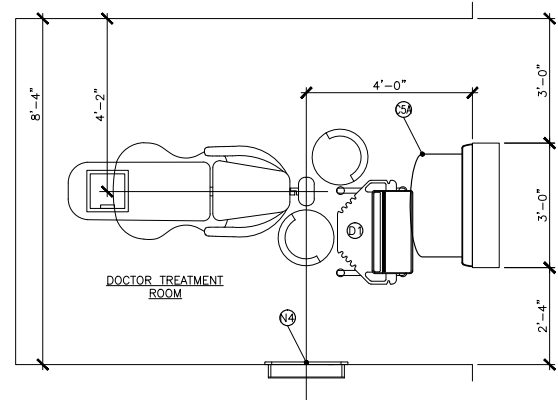
- Vacuum
- Air
- Cold water / Dental water feed line (if option selected)

Electrical

- 120v feed
- CAT 5 or better data

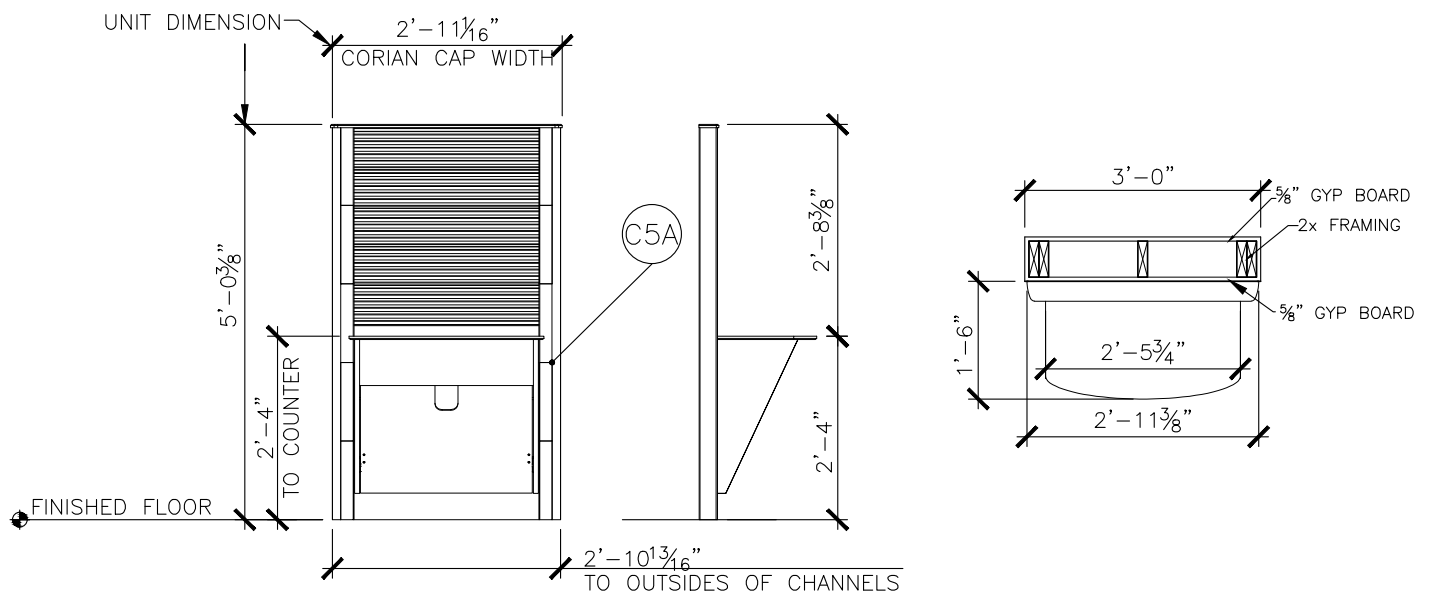
IDEAL LOCATION CONFIGURATION

EP's Essential WorkCenter is designed to be used with a range of umbilical-connection Work Stations, including the EP Meridian, the EP Horizon and others. It may be positioned as a Headwall for dual-entry operatories (shown right), or as a low-profile solution for toe-entry and dedicated hygiene rooms.



DIMENSIONS

NOTE: All Height Dimensions are referenced away from the FINISHED FLOOR ("AFF"). When planning the Rough Opening, it is critical to measure from the installed Finish Floor, or account for its eventual depth if it is not yet installed.

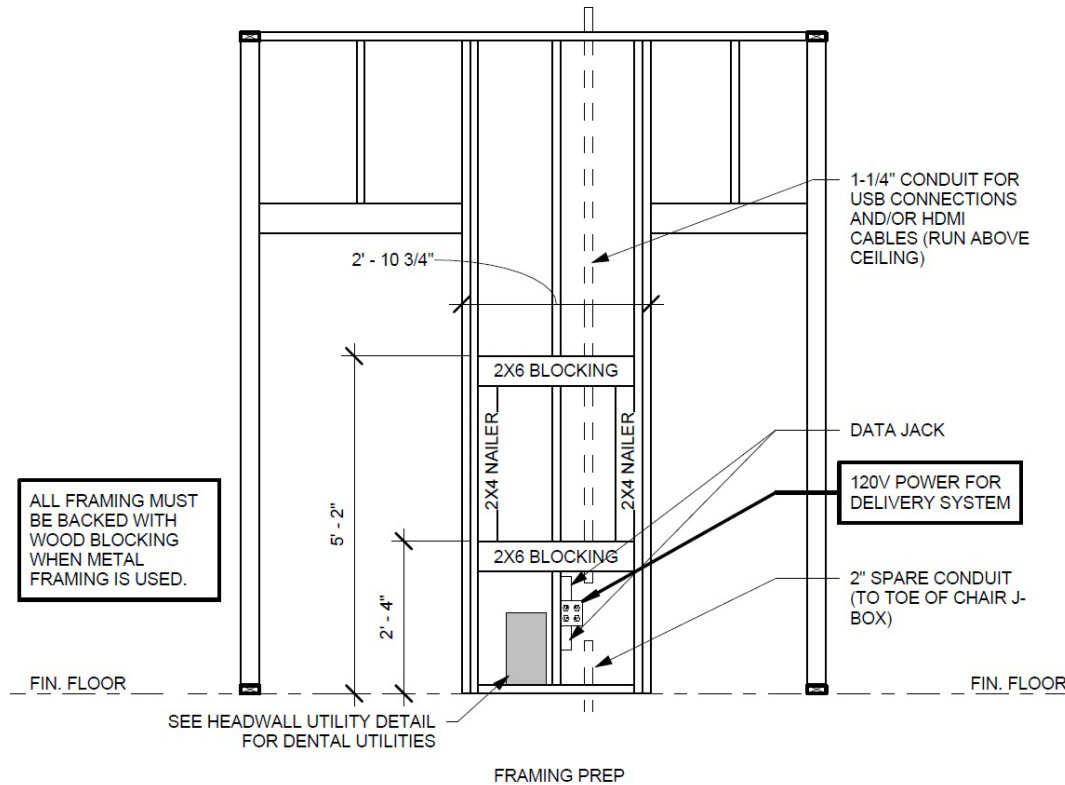




1 - SPECIFICATIONS and SITE PLANNING cont'd

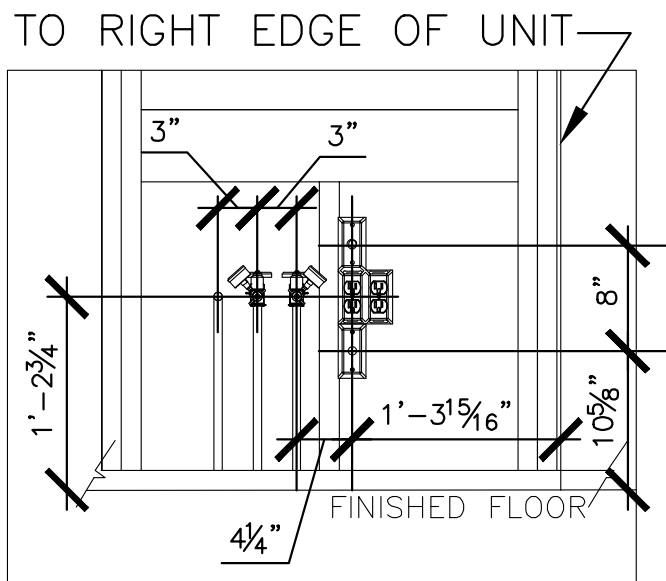
FRAMING/BLOCKING

NOTE: All Height Dimensions are referenced away from the FINISHED FLOOR ("AFF"). When planning the Rough Opening, it is critical to measure from the installed Finish Floor, or account for its eventual depth if it is not yet installed.



UTILITY SPECIFICATIONS AND DETAIL

NOTE: All Height Dimensions are referenced away from the FINISHED FLOOR ("AFF")



⚡ Electrical Specifications

120v AC, 60HZ, 8A
Cat 5 (or better) Data Jack

See note on page 8 regarding electrical & data configuration.

💧 Plumbing Specifications

If used with line water, 1/2" Cold or Dedicated Dental supply line with straight 1/4 turn-stop and 3/8" compression

🌬️ Air / Vacuum Specifications

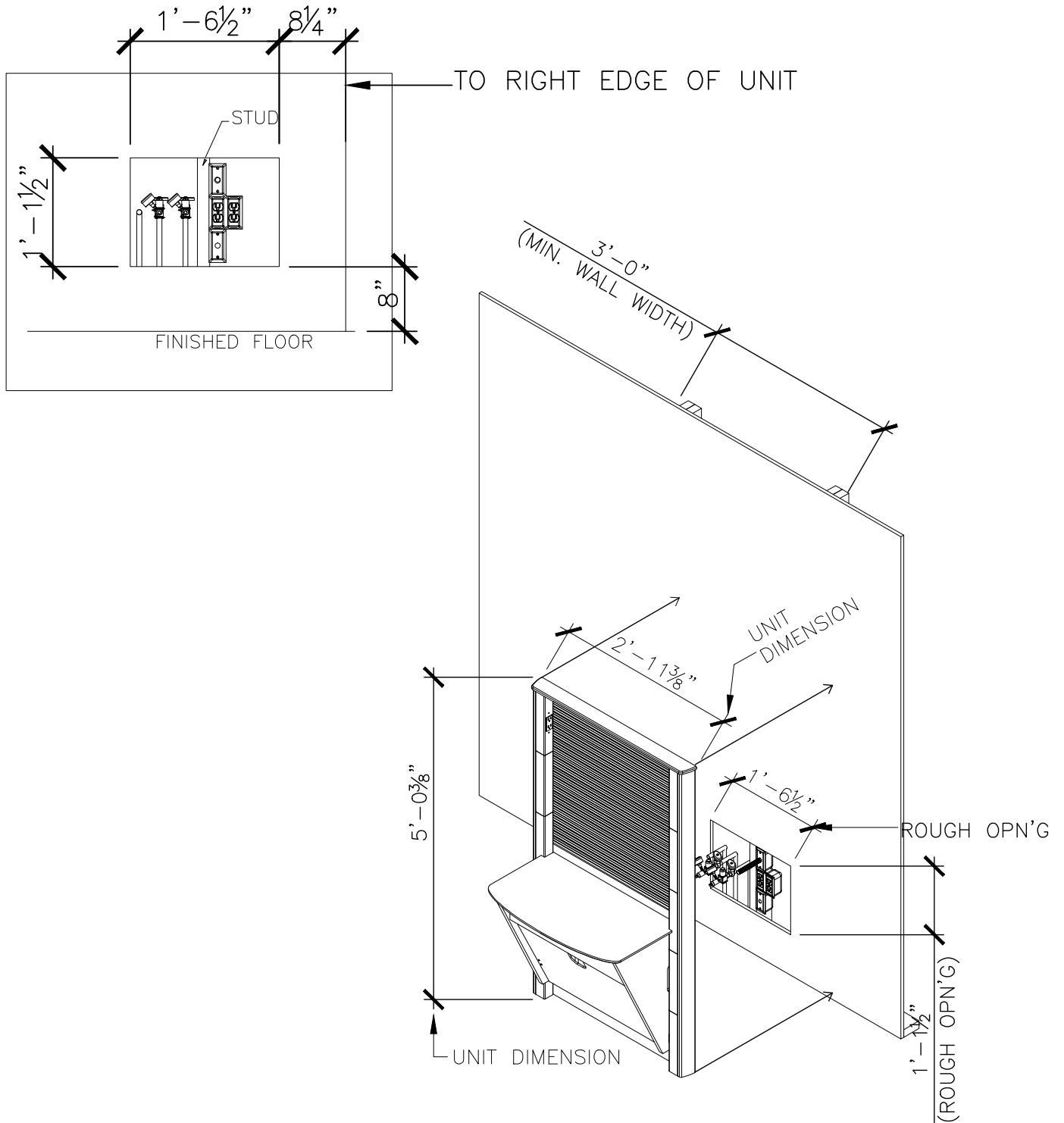
Air: 3/8" Dental Style Female QD, 80 psi
Vacuum: 1/2" Copper or PVC Pipe



1 - SPECIFICATIONS and SITE PLANNING cont'd

ROUGH OPENING

NOTE: All Height Dimensions are referenced away from the FINISHED FLOOR ("AFF"). When planning the Rough Opening, it is critical to measure from the installed Finish Floor, or account for its eventual depth if it is not yet installed.



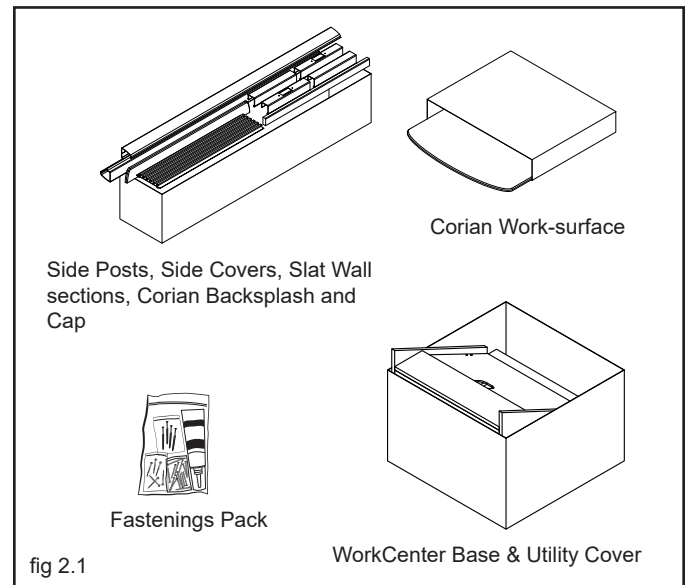


2 - REQUIRED TOOLS / UNPACKING & INSPECTING / PARTS

REQUIRED TOOLS

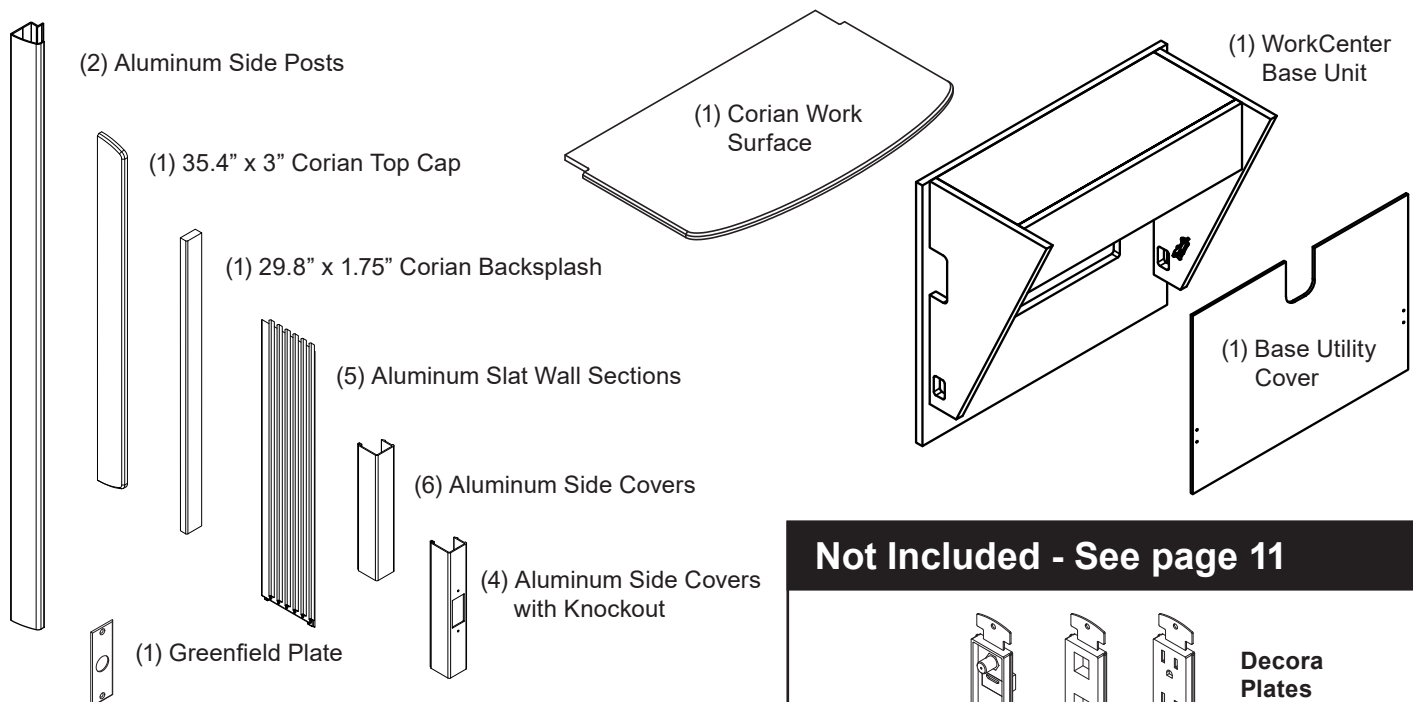
Drill / Phillips & Square Drives
3/8" Drill Bit & Countersink
Level

1. Inspect shipping container for visible damage upon arrival. If transit damage is found, contact Ergonomic Products immediately. (This will expedite the corrective process).
2. Remove all packing material and accessory boxes from shipping container (fig. 2.1).
3. Laying individual components on clean surface to avoid scratching, inspect contents. If damage is found, contact EP immediately.
4. Use safe lifting procedures to free the Essential Work-Center base unit from container and position it near the installation site.



PARTS LIST

Check that the configuration/options for your product(s) are correct. If anything is damaged or missing, please contact Ergonomic Products customer service at 1-866-ERGO-4-US.

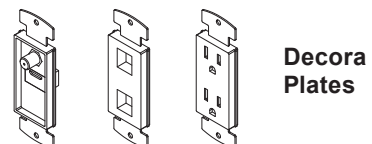


Fastenings Pack, including:

- (10) #8 2-1/2" Flat Head Screws
- (15) #6 1-1/2" Self Tap Screws
- (2) #8 3/8" Sheet Metal Screws
- (1) 2.8 oz Tube of Silicone Adhesive



Not Included - See page 11



NOTE:

Wiring and Data configurations should be planned **PRIOR** to installation of the Essential Work-Center, so that required accessories and tradesmen may be on-hand during installation. See page 11 for details.



3 - INSTALLATION - Base Unit & Side Posts

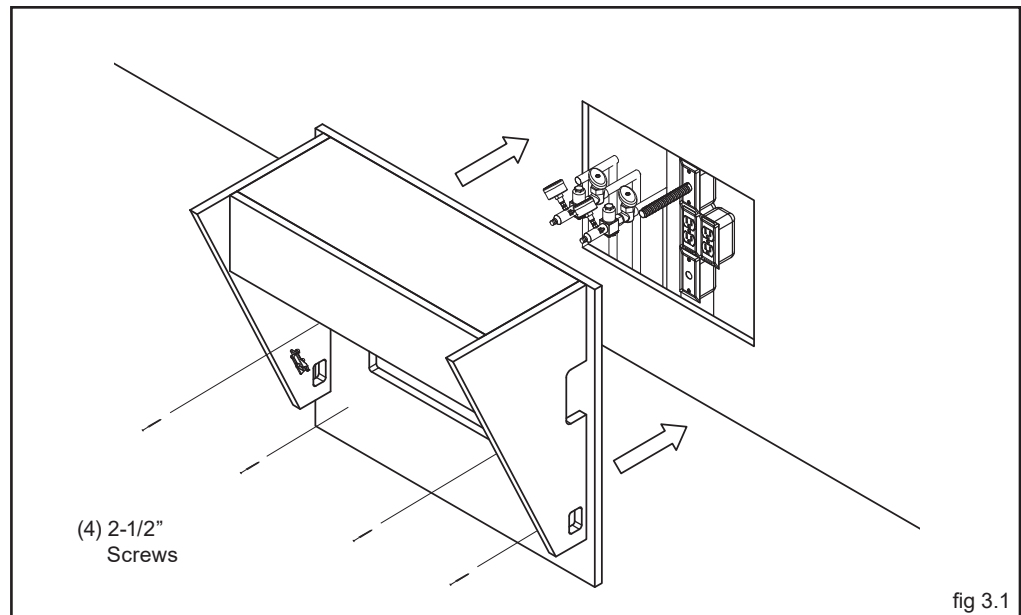


IMPORTANT! Consult the specifications on page 4 to confirm the on-site accuracy and conformance of Rough Opening and Plumbing / Air / Vacuum / Electrical stubbing. Be aware that this product may be available in a variety of configurations that could affect site preparation.

The Base Unit and side rails of the Essential WorkCenter™ are installed at finished floor level, eliminating the need for finish-work after the unit is installed. However, **any existing baseboard molding will need to be removed where the base unit and side rails attach to the wall.** For cleanest installation, dry-fit the unit with the siderails held in place and mark scribe lines on the baseboard for trimming.

STEP 1 - POSITION AND SECURE WORKCENTER BASE

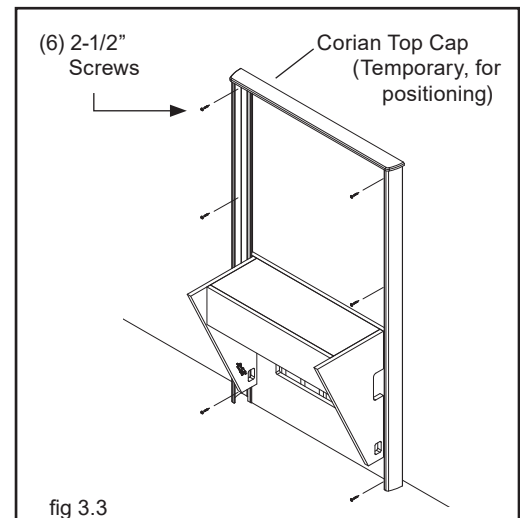
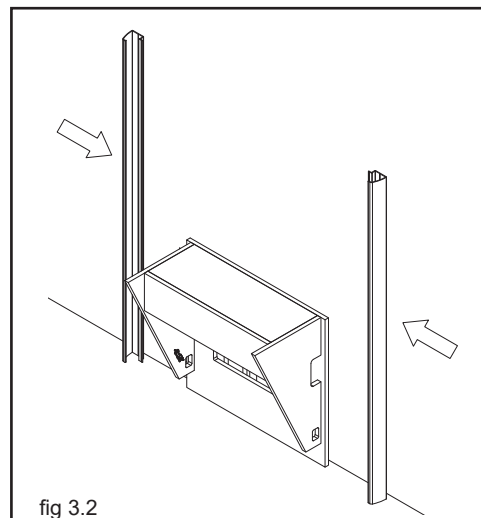
1. Before positioning the base unit, counter-sink the 4 pre-drilled mounting holes on inside back of WorkCenter base.
2. Position WorkCenter base in front of rough opening. (Confirm clearance and centering on trimmed baseboard – see warning above).
3. While keeping unit flush against the wall, confirm that it is level. If it is not, adjust until plumb.
4. While keeping unit flush against the wall, secure to studs through pre-drilled mounting holes using 4 supplied 2-1/2" screws (fig. 3.1).



STEP 2 - INSTALL ALUMINUM SIDE POSTS

1. Place the flat surface of the Posts against the wall, flush with floor and side of WorkCenter base unit.
2. **TEMPORARILY** fit the Corian Top Cap to the Post tops to help maintain proper spacing.
3. While keeping unit flush against the wall, confirm that it is level. If it is not, adjust until plumb.
4. Fasten each Side Post to the wall using 6 supplied 2-1/2" screws (fig. 3.2).

NOTE: If Side Rail fastenings cannot be secured to studs, use Toggle anchors.





3 - INSTALLATION con't - Wiring & Side Covers

STEP 3 - WIRE AND INSTALL SIDE COVERS



IMPORTANT! The Electrical and Data service for the EP Essential WorkCenter can be configured in a variety of ways. However, once installed, changing outlet panels may require significant effort. Additionally, wiring and data connections must be made during installation by licensed tradesman.

DO NOT configure 120v and Low Voltage lines within the same Side Post. Armored cable is recommended for the 120v line. Attach the included Greenfield Plate on the Side Cover through which it will run, prior to feeding line.

Carefully plan intended requirements (monitors, printers, peripheral accessories etc) prior to installation, and purchase appropriate Decora Plates before hand.

Side Covers – both Knockout and Standard versions – will be inserted at the tops of the Side Posts (fig. 3.4). Insert Covers based on desired configuration - starting with lowest covers first, as described below.

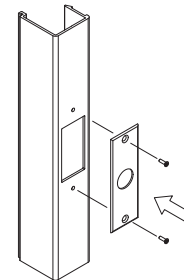
1. Install lowest set of Side Covers on each Side Post (no Knockouts)
2. Install second set of Side Covers: both with Knockouts, the 120v side to include a Greenfield Plate (fig. 3.5.A).
2. Guide pig-tailed electrical/data wiring through openings on left or right side of WorkCenter base, and through adjacent Side Covers.

NOTE: Pigtailling must be approximately 10 feet long to accommodate insertion of remaining Side Covers at top of Side Post.

3. Make **ALL** final wiring connections to Decora plates prior to insertion of the remaining Side Covers (fig. 3.5.B). See page 11 for information on Decora plates.
4. Insert remaining Side Covers to desired configuration.

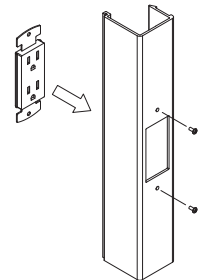
Be sure to “trap” any wiring for subsequent Cover / Plate units within the Side Post channel as you build (fig. 3.6).

fig 3.5.A



Attach Greenfield Plate to outside of 120v Side Cover.

fig 3.5.B



Attach Decora Plates to inside of desired Side Covers

Wire all plates before installing Side Covers, and trap **ALL** wiring when inserting individual units.

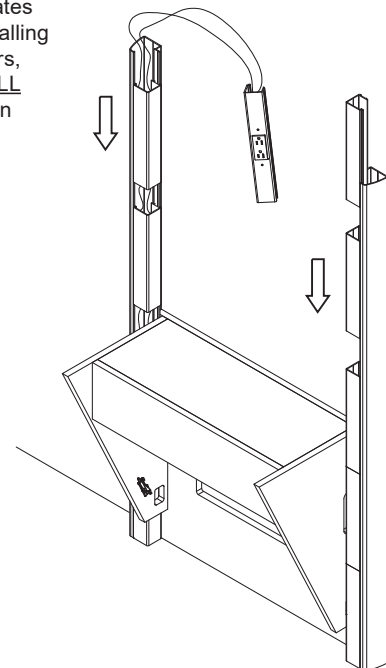
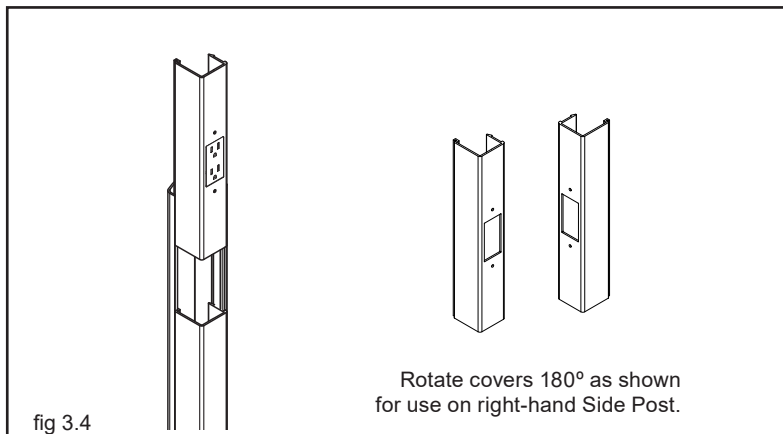


fig 3.6





3 - INSTALLATION con't - Corian & Stall Wall

STEP 4 - Install Corian Counter Top & Backsplash

The Corian Counter Top, Backsplash (and Top Cap) are adhered in place using the silicone adhesive provided.

1. Apply a bead of Silicone to top of WorkCenter Base as shown in figure 3.7.A. Press Corian Counter top down firmly and flush to the Side Posts. (Any gap to the wall will be covered by the back-splash.)
2. Apply a bead of silicone to the back of the back-splash, and press firmly against the wall – between the Side Posts and flush to the Counter Top (fig. 3.7.B).

NOTE: Be sure to position Backsplash with indicator arrow up.

IMPORTANT: Do NOT install the Corian Top Cap at this time.

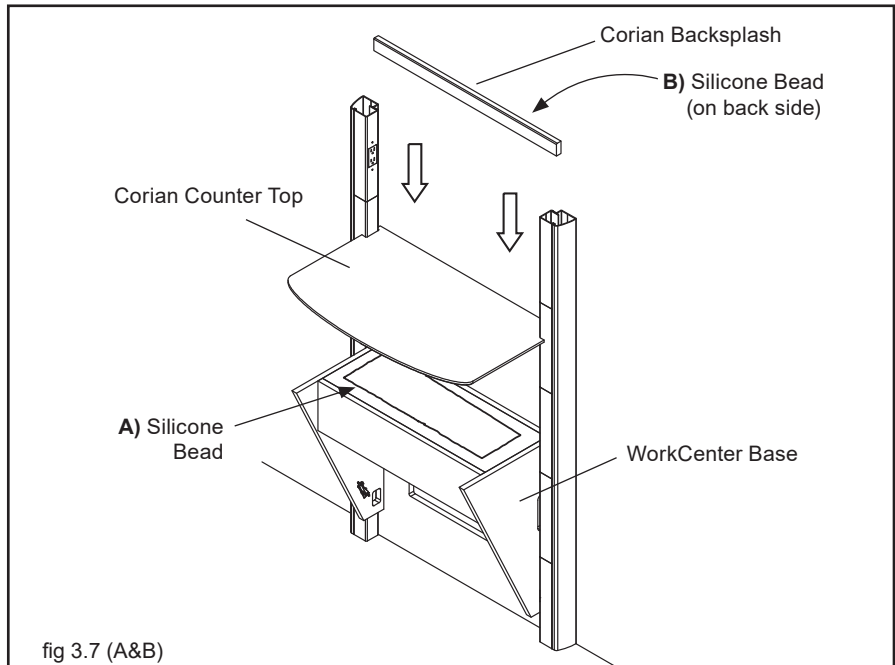


fig 3.7 (A&B)

STEP 5 - Install Slat Wall

1. Carefully slide first Slat Wall section behind Side Posts and down, until flush with Backsplash (fig. 3.8.A).

Be sure sections are in proper orientation (fig. 3.9).

2. Secure first section of Slat Wall using three 1-1/2" Phillips Pan Head Self-tapping Screws (supplied), at top of Slat Wall section as shown in figure 3.9.
3. Insert second section of Slat Wall. Be sure both sections are completely interlocked (fig. 3.9).
4. Secure second section with three self-tapping screws and repeat until all five sections are installed and secured.

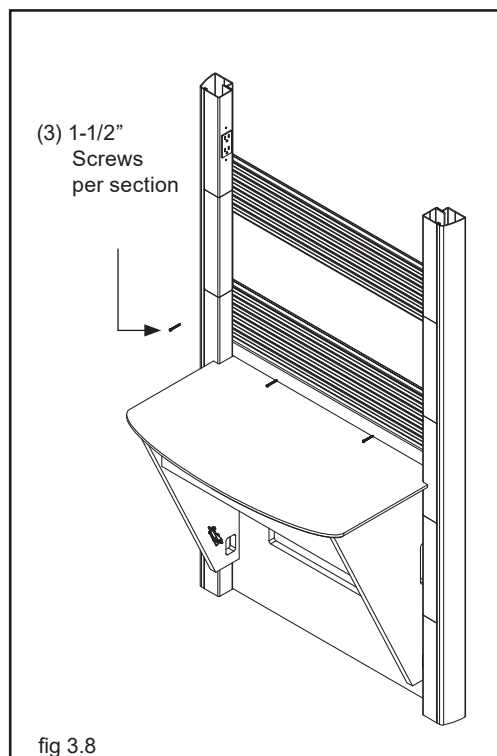


fig 3.8

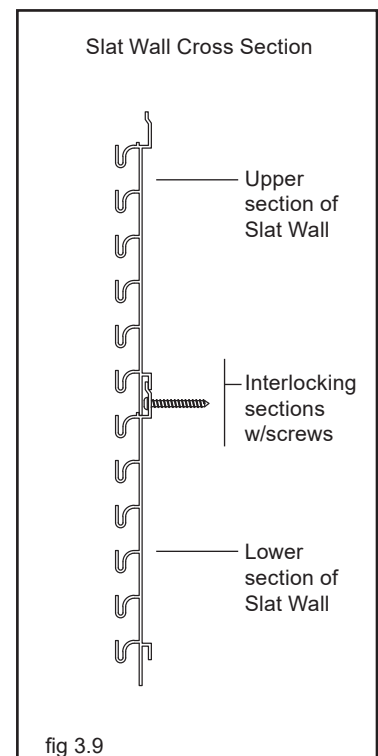


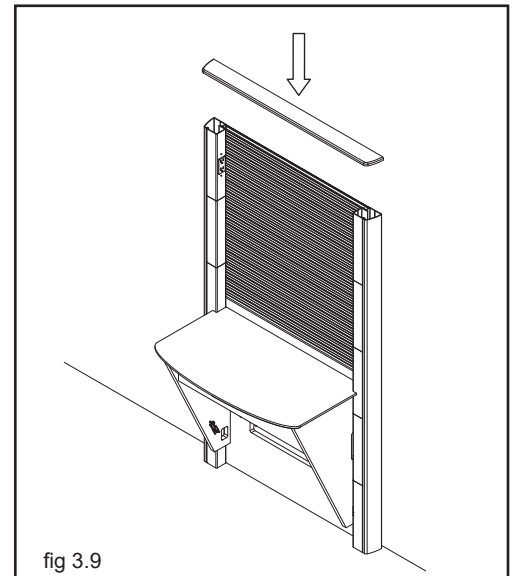
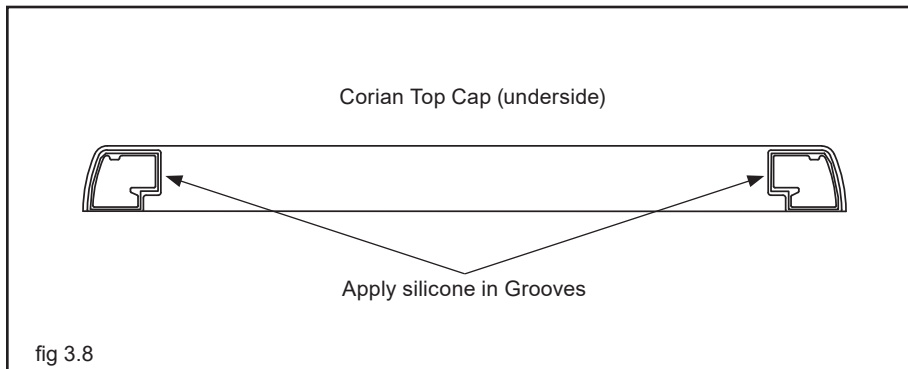
fig 3.9



3 - INSTALLATION con't - Corian Top Cap & Utility Cover

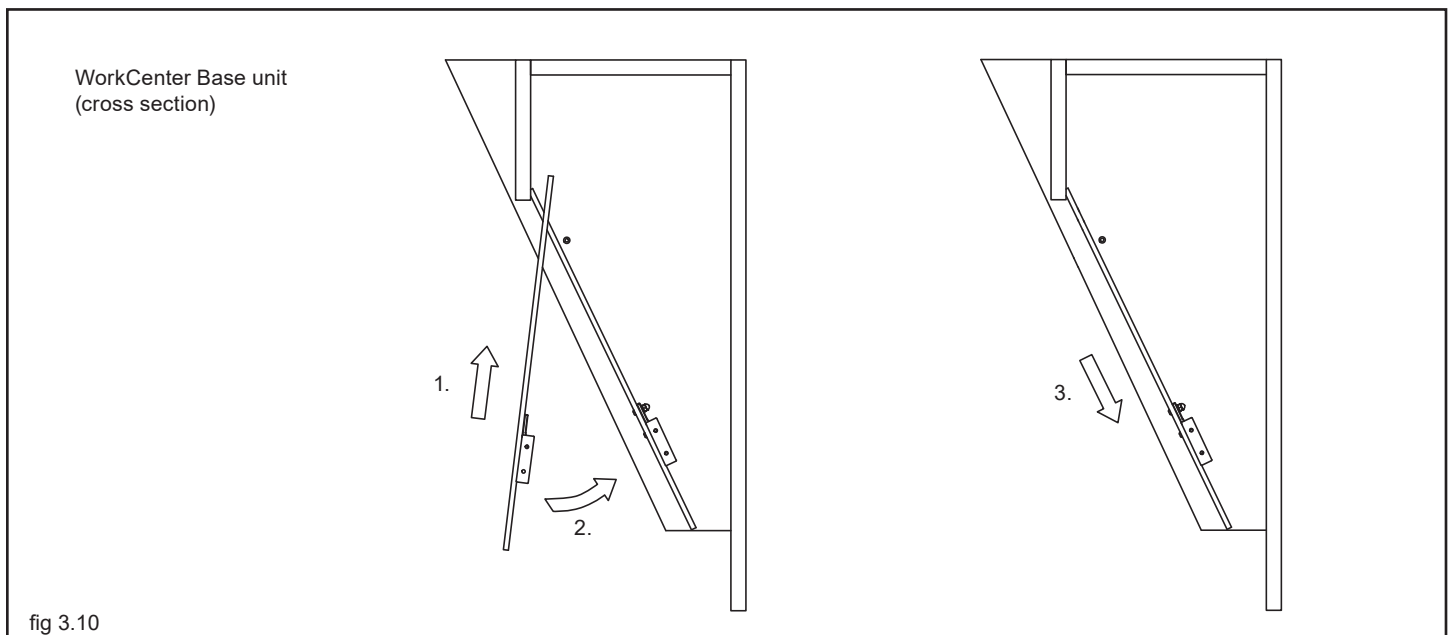
STEP 6 - Install Corian Top Cap

1. Apply a small bead of Silicone inside the groove on the underside of the Corian Top Cap as shown in figure 3.8.
2. Socket the groove onto the tops of the Side Posts and press down firmly (fig. 3.9).



STEP 7 - Install Utility Cover

1. Insert top of Utility Cover into WorkCenter Base (fig. 3.10). The top of the Utility Cover has the Umbilical Outlet cutout.
2. Swing the bottom of the Cover into the unit and against dowel-stops.
3. Lower panel into retaining slots.





4 - ACCESSORY COVER PLATES

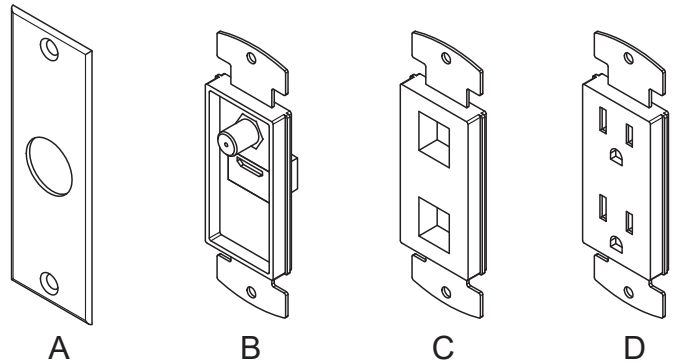
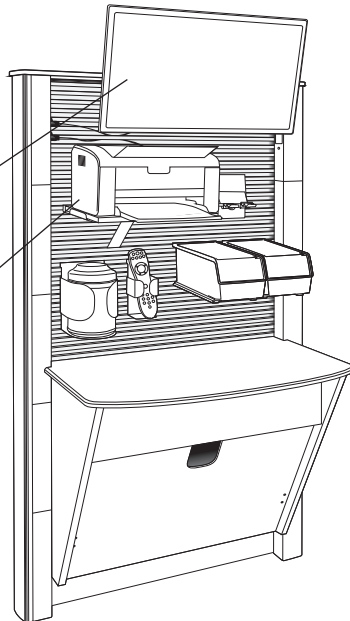
In addition to its ample work surface and Slat Wall product/supply presentation capabilities, the EP Essential WorkCenter is intended to be used as an electronic information hub.

Before installing the Essential WorkCenter, it is important to consider immediate (and potential) usage. Plates and wiring are most easily installed when the unit is being assembled. Have the required units on-hand and a clear understanding of the desired configuration prior to assembly.

Slat Wall accessories sold separately. See our website or call Customer Service for more info.

Slat Wall Mount: Peripheral monitor or All-In-One computer

Slat Wall Shelf: networked printer



- A. 1/2" Greenfield Plate - **This is the only plate included with the WorkCenter, and is to lead high voltage lines**
- B. Low Voltage Plate - Typically Ethernet, HDMI and Co-axial
- C. Blank Plate
- D. High Voltage Plate - power supply for monitors and/or printers

Decora plates can be purchased at your local home improvement store. Any wiring should be done by a qualified technician.

Decora Plates pictured above are for installation instruction only and may differ from those purchased.

5 - MAINTENANCE

Cleaning instructions

Painted and Anodized Aluminum Surfaces

Clean with mild detergent, damp cloth and dry thoroughly after cleaning.
Do NOT use alcohol or solvent based cleaners, ScotchBrite or other abrasive pads.

CORIAN® Surfaces

Clean with warm, soapy water or any non-abrasive ammonia based cleaner or disinfectant. Dry thoroughly after cleaning. For tougher stains, use Clean EnCounters® from DuPont.

Do NOT use window-cleaning solutions (they will leave a waxy build-up), ScotchBrite or other abrasive pads.

For more information on cleaning CORIAN surfaces, go to:

<http://www.dupont.com/products-and-services/construction-materials/surface-design-materials/brands/corion-solid-surfaces/articles/how-to-clean-corian.html>