

Trendway TrendWall[®]

General
Specifications

June 2008

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TRENDWALL MOVEABLE WALLS

TrendWall panels are the first floor-to-ceiling panels to integrate fully with the open plan office. With the use of the TrendWall Straight Component Mounting Rails, Choices components can be mounted to ceiling height panels in the same manner as the open plan system. This compatibility offers the privacy of floor-to-ceiling panels with the flexibility of open plan components.

Panels are shipped complete. Base covers, floor plates and crown are shipped in 12' (3658) lengths which may be field trimmed for a clean, permanent appearance. When a corner or end condition is specified, Trendway includes all needed trim kits.

Electrical and communications needs can be channeled through wireways located between panels and at the base of each panel. When TrendWall POWERPAC® Electrical is specified, Trendway will plan and include the electrical components and the optional pilaster covers with switch or receptacle punchouts.

PANEL TYPES

Vinyl Panels

Vinyl surfaced TrendWall panels have welded steel frames with vinyl laminated to gypsum surfaces. The core is filled with therma-fiber. The Vinyl Panel provides an attractive, easily maintained panel to meet any layout requirement.

Vinyl Panels are available in a wide range of solid colors and simulated wood grains.

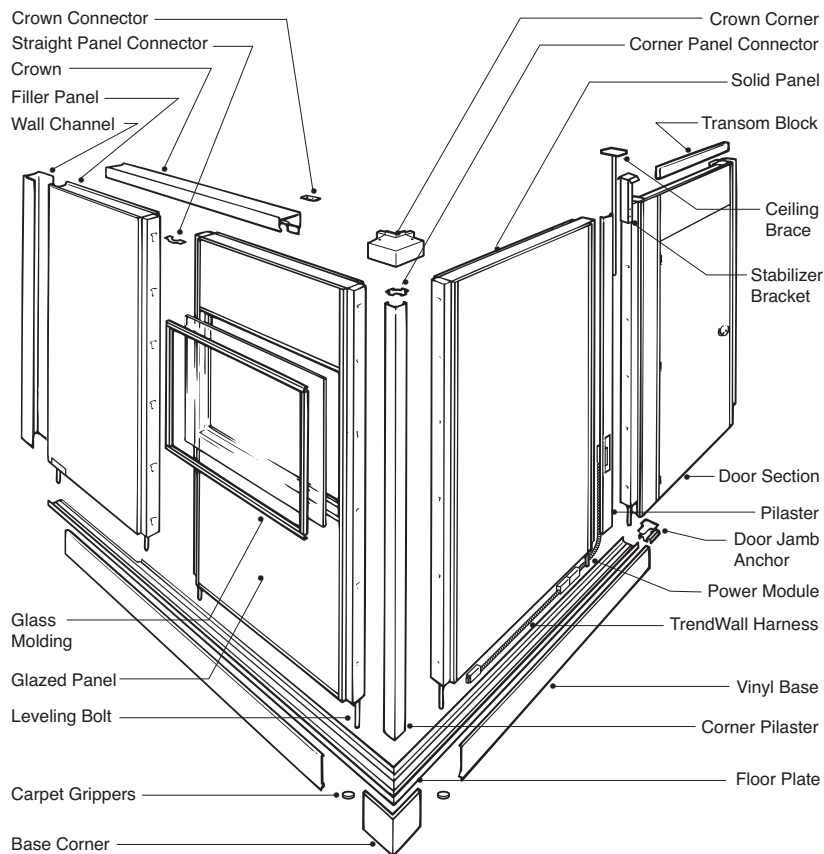
Fabric Panels

Fabric Panels are made with the same construction as the Vinyl Panels. The surface is laminated with fabric. They are available in five fabric grades and a wide variety of colors.

Vinyl/Fabric Panels

Vinyl/Fabric Panels offer the advantages of the durability of vinyl on one side of the panel and aesthetics of fabric on the other. A typical application would be a shared wall between a storage room and an executive office, with the fabric side facing the office. These panels are available in the full range of vinyls and fabrics.

Figure 1



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Glazed Panels —

Hi Light, Full Light, Full Light to Door Height and Window Light

All Glazed Panels have steel frame construction and are available in vinyl or fabric surfaces. Panels are shipped without glass but include an extruded vinyl molding designed to accommodate glass thickness of 1/4" (6).

The Hi Light Panel has an opening starting at the 6'8" (2032) or 7' (2134) door height and extending to the crown. The Full Light Panel has an opening that extends from just above the base to the crown. The Full Light to Door Height Panel has an opening that starts at just above the base but only extends to door height 6'8" (2032) and 7' (2134). The Window Light Panel has a standard opening which starts at 42" (1067) above the floor and extends to door height. Optional sized openings are available and should be specified on the order form. You should contact your local glass supplier for the proper type of glass to be used for your application. Trendway recommends the purchase of safety glass.

Glazed Panel Options

Trendway offers two ways to add glazing to Glazed Panels.

Option one: Use field specified and installed materials.

Option two: Specify a standard 3form®* Ecoresin™** color option from Trendway.

The maximum cut size for any 3form® material is 74" (1880), which means that Ecoresin™ can be used in all glazed applications, except for non-segmented full light panels. See page 6 for glass sizes.

Door Sections

Door Sections are available in 4' (1219) widths with vinyl or fabric surfaced side panels. Standard doors are vinyl surfaced, 3' (914) by 6'8" (2032) or 7' (2134) by 1 3/4" (44)-thick hollow core. Door Panels are shipped with doors pre-hung in steel jambs with hinges and Lever Passage set. Six standard door styles are available: Flush, Flush with Standard Louver, Half Light, Half Light with Louver, Vision Light, or solid core door with Full Light (glass not included in any door). Optional doors and hardware may be specified by contacting Trendway Customer Care at 1-866-584-0201. Doors and Transoms are also available in special finishes.

Wall Filler Panels

Wall Filler Panels are available to compensate for uneven wall conditions without shimming. A wall filler panel has a vinyl or fabric surface laminated to a core of foam and gypsum. The filler panel is placed at the end of a run of panels that abuts a fixed wall. Because one end of the panel can be easily field trimmed, it can compensate for inexact measurements or uneven wall conditions.

PANEL CONNECTIONS

The TrendWall Panel System has one-piece connectors that slide into slots in the panel's side rails. Connectors are designed to accommodate the laying-in of electrical and communications wiring while still allowing the removal of the panel without disturbing the wiring. All panels are shipped with the connectors required for attaching one panel to another.

Corner Connectors will be included for each corner condition that is specified in the panel layout. If the layout requires angles other than 180° or 90°, you can specify the angle required on the order form. Where special requirements are needed, you should send a copy of the layout along with your order, noting the areas requiring special conditions. There will be an extra charge for these special conditions.

Extended and Half-Extended Corner Connectors are required for use with Corner Component Mounting Rails.

Pilasters

Pilasters are available in Standard or Enhanced styles and are designed to snap into place between panels to conceal the panel connectors and wiring. Panels include two matching pilasters, one for each side of the panel. Optional factory modification to pilasters is available to accommodate switches, duplex receptacles and slots for component mounting. Pilasters are available in all vinyl finishes and all fabric colors.

Component Mounting Kits

Straight Component Mounting Kits are double-slotted rails which attach between TrendWall panels in a straight-line condition to accept **Trendway open plan systems components. Do not use with Cornice High Panels or Ceiling Filler Panels.** Each slotted rail contains 2 vertical rows of 9/16" (14) slots on 1" (25) centers up to a height of 84" (2134). These slots allow two component end panels to be hung side-by-side on the same bracket. You will need two mounting kits to hang one component. However, you can hang two components side-by-side by using three mounting kits.

Corner Component Mounting Rails attach to the end of a panel in three- and four-way corner conditions to permit the hanging of systems components into the corner.

Pilasters may be slit on site in the exact location where you wish to put the component. Trendway offers pre-slotting to facilitate installations.

Crown and Vinyl Base

Trendway provides the service of figuring the trim pieces and vinyl base required for all straight line or corner conditions that are indicated in the layout. These trim, Vinyl Base, and Crown are included in the price and are shipped with the panels. Crown and Vinyl Base are shipped in 6' (1829) or 12' (3658) lengths and must be trimmed at the site if necessary. Crown Corners are pre-formed.

ELECTRICAL COMPONENTS

Power Modules

Power Modules are available in three styles to bring power access to the area between the panels at varying heights. One end has a connector for attachment to Pass-Through Harnesses and the other end has a distribution block to accept Power Duplexes, one on each side.

Power Duplexes

The Power Duplex plugs into the distribution block on the Power Module to access the power circuit. Each Power Duplex is clearly marked for Circuit I, II, III or IVΔ access. Circuit IVΔ has an orange numeral and delta symbol (Δ) to indicate it accesses the dedicated circuit.

Top Feed

The CFTP Ceiling Feed supplies power from the ceiling to the distribution block on the Power Module.

Pass-Through Harnesses

Pass-Through Harnesses bring power from a feed point to a distribution point at a Power Module. Harnesses are available in lengths from 24" (610) to 141" (3581) in 3" (76) increments.

Electrical boxes for hardwire and switch patch:

- Appleton M1-250
- Bowers 1-MBS
- Raco 690
- Steel City GW-125-C
- or equivalent

*3form and Ecoresin are trademarks of 3form.

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With a knowledge of the TrendWall product offering, you can now begin to plan your space.

If you are working with an existing space, you must make an on-site inspection to determine the ceiling height. This is probably the most important step in the design phase. TrendWall panels have 3/4" (19) adjustment upward and 3/4" (19) adjustment downward.

Panels are available in three standard heights of 8' (2438), 9' (2743) and 10' (3048) for floor-to-ceiling applications. However, if your requirements call for a panel of 7'2" (2184) for cornice height installations, you can specify that size and use the 8' (2438) panel price.

The area into which the Crown is attached must be sound. When installing into a suspended ceiling, the Crown is screwed into the metal "T" frames with self-tapping screws.

There are many physical characteristics of a building that can be critical to the development of your space plan. Besides the ceiling height, there are windows, columns, doors, elevators, light fixtures, sprinklers and ductwork. Also, observe interior finishes and floor construction and record all of this data on your first trip to the job site to save on return trips.

Trendway will assist in developing your space planning, figuring the panel widths and types of hardware needed. All you need to do is determine the size of the office and the requirements of the individual in the space. Do this by surveying departments or individuals to find the equipment and amount of work area required. This will determine the filing, work surface storage and special equipment needs of each office. This information should be provided to Trendway; then Trendway can assist in developing the final space plan.

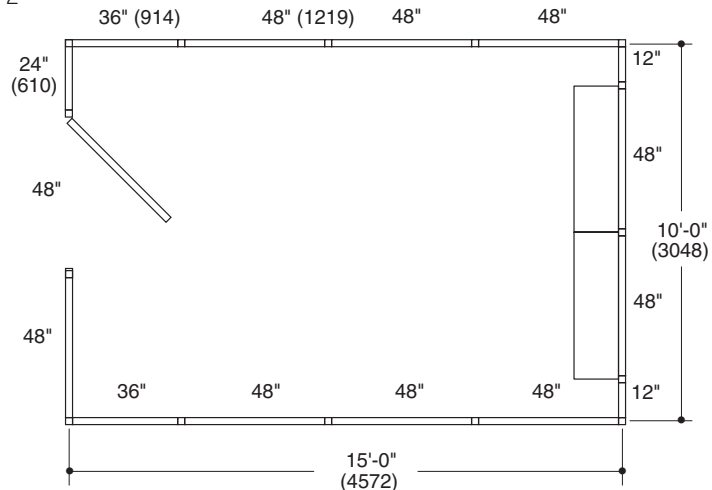
TrendWall Office Layout

When designing your layout, it is best to work in standard dimensions of even footage. An example is shown in the sample layout (Figure 2): 15' (4572) by 10' (3048).

An important consideration is the cost of the different panel types and sizes. The most cost-efficient size is the 4' (1219)-wide panel (see "Panel Pricing"). It takes less time to install 12 lineal feet of 4' (1219) panels than 12 lineal feet of 2' (610) panels. Also, for future changes, standard width panel modules will make modifications easier.

The first step is to measure the perimeter dimension of the space to be enclosed. Be sure to measure through door

Figure 2



sections and glazed panels. This represents the total footage of TrendWall panels required. The individual cost of the door is an added upcharge page 30.

Panel widths are based on center-to-center of the connection device so there is no addition of width in a straight line connection. TrendWall panels are 2 3/4" (70) thick. Half this thickness 1 3/8" (35) must be added to the length of the panel run for an outside dimension, or subtracted for an inside dimension when panels are joined in a 90° corner condition (Figure 3).

Once you have decided the amount of space and the components desired, Trendway will figure the widths needed to achieve your office plan. Notice that we have used two 4' (1219)-wide panels to accommodate the Lateral Files side-to-side (Figure 2). 1' (305)-wide panels on either end of that wall make up the rest of the 10' (3048) width and center the components on the wall. Minimum width panel available is 6" (152).

Component Planning

TrendWall panels provide for the hanging of Trendway's Choices components. Two types of component mounting are available, one for attachment between panels in a straight line condition and one for corner conditions. **Both are intended only for floor-to-ceiling panels.**

Component Mounting Kits are used for Straight Panel conditions and attach between panels without adding to the panel run width. Component Mounting Kits contain two vertical rows of slots to 84" (2134) high. Two kits are required to hang one component. Two components can be hung side-by-side on three Mounting Kits (Figures 2 and 4).

Figure 3

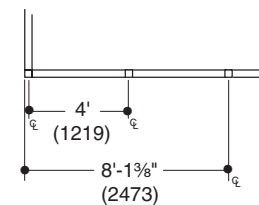
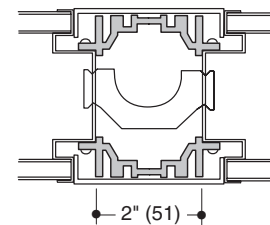


Figure 4



Choices Mounting Rail

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Component Mounting Rail Load Capacities

1. Hanging Work Surfaces — up to and including 48" (1219) wide: Up to 24" (610) deep maximum — 4.5 pounds (2kg) per linear inch (25), uniformly distributed.
2. Hanging Work Surfaces — over 48" (1219) up to and including 72" (1829) wide: Require three work surface supports up to 24" (610) deep — 4.5 pounds (2kg) per linear inch (25), uniformly distributed.
3. Greater than 24" (610)-deep work surface must be floor supported.

Figure 5

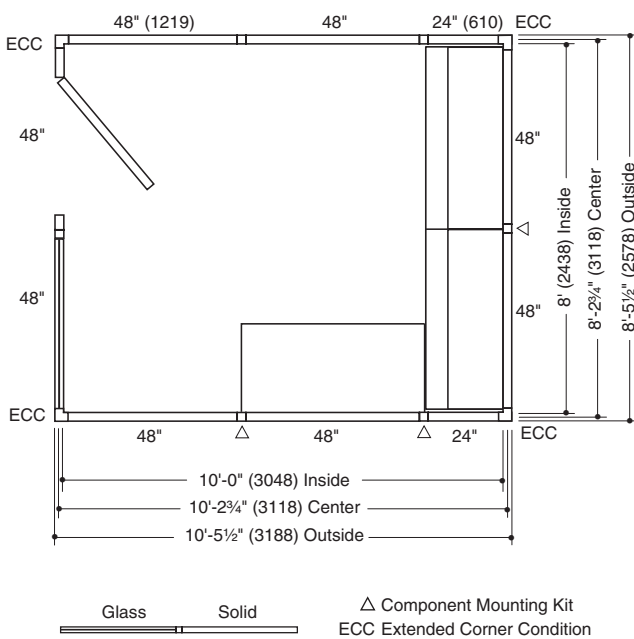
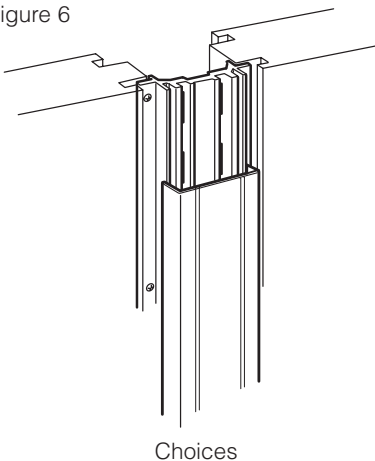


Figure 6



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ELECTRICAL PLANNING

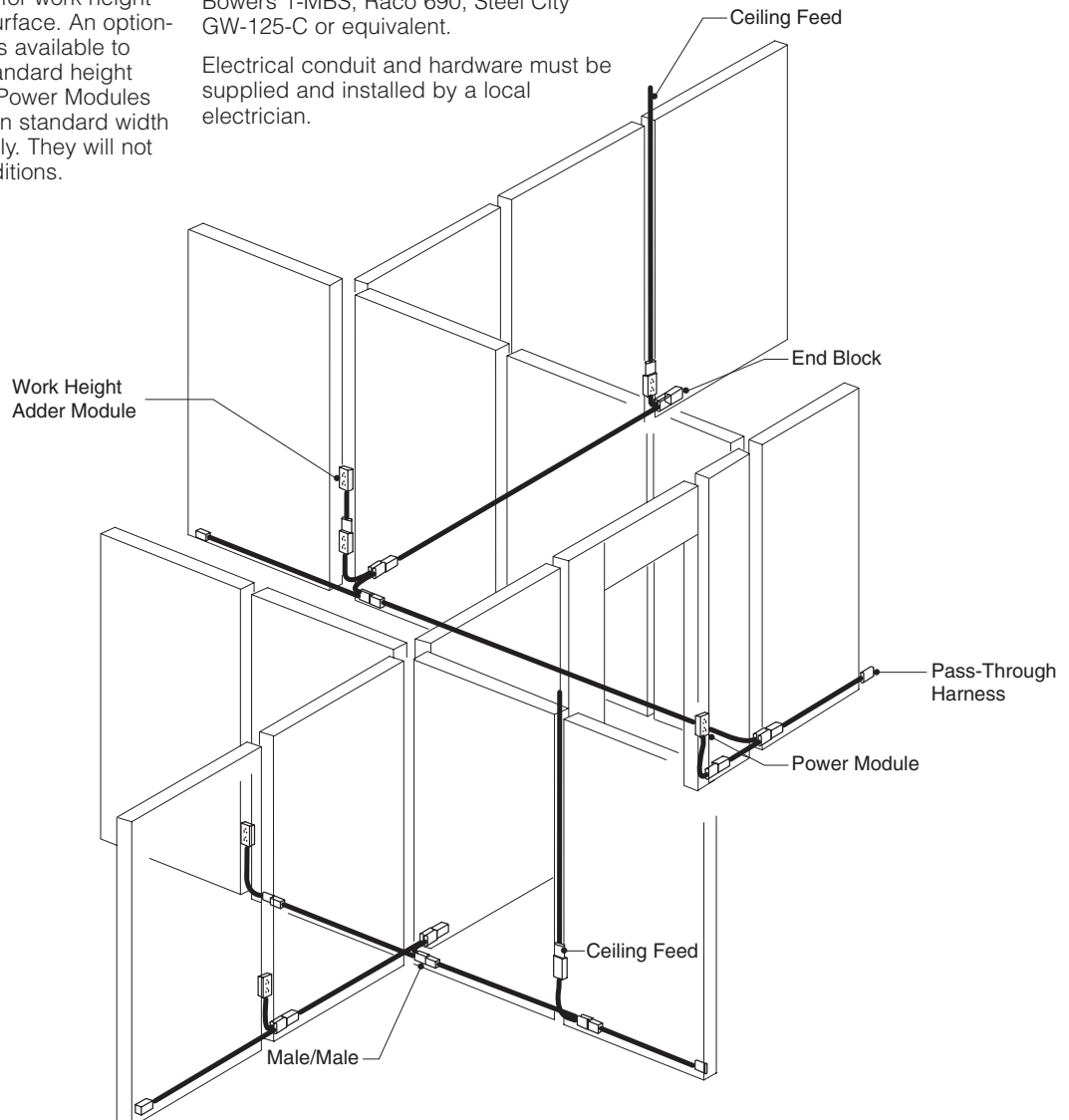
POWERPAC® Electrical

The TrendWall POWERPAC® 8 Wire Electrical System offers the power and flexibility of four circuits, one with a dedicated neutral and ground.

The TrendWall electrical system is routed through the base wireway and up or down through the connections between panels. Power is distributed from panel-to-panel or a run of panels by the use of Pass-Through Harnesses. Pass-Through Harnesses are available in lengths of 24" (610) to 141" (3581) in 3" (76) increments. Power Modules are plugged into the Pass-Through Harnesses to provide power to the plug-in duplex receptacles. The CFTP Ceiling Feed supplies power from the ceiling to the distribution block on the Power Module.

Power Modules are available in two heights; 14" (356) on-center from the floor for standard height and 32" (813) on-center from the floor for work height access above a work surface. An optional work height adapter is available to extend power from a standard height module to work height. Power Modules attach between panels in standard width Straight Connections only. They will not attach in extended conditions.

Figure 7



Hardwire Option

TrendWall Panels can be hardwired, if required, by routing conduit through the base wireways and run either up or down through the connections between panels. Electrical outlets and switches are mounted in junction boxes attached to the conduit.

Switches and receptacles are accessed through punchouts in the pilasters. Pilasters are available with a switch punchout located 45" (1143) on-center from the floor. If switches are to be back-to-back on a pilaster, one must be specified with a punchout located at least 5³/₈" (137) above or below the other punchout. The same would be required for a receptacle punchout. Receptacle punchouts are located 12" (305) on-center above the floor for Hardwire, and 14" (356) for modular.

Electrical boxes are not included, however, Trendway recommends the use of one of the following: Appleton M1-250, Bowers 1-MBS, Raco 690, Steel City GW-125-C or equivalent.

Electrical conduit and hardware must be supplied and installed by a local electrician.

Planning Summary

These steps outline the planning process:

1. Measure the ceiling height throughout the space to be sure of ordering the correct panel height.
2. Measure area to be enclosed by TrendWall, including door and glazed panels.
3. Plan components, doors, and optional panels to meet requirements of each office.
4. Develop elevations of each office, showing placement of components, doors, etc.
5. Develop an electrical layout to show the placement of electrical switches, receptacles, etc.
6. Trendway will figure widths of panels, hardware needed and POWERPAC electrical components. Plans will be returned to you for your review, to be signed and returned.

General Information

Space Planning

Surface Materials

Panels

Doors

Accessories

Conditions

Electrical Components

Terms & Policies