

Technical environment solutions

# Profile Advanced Console System

**EAT•N**  
Powering Business Worldwide

 **WhiteSpace**  
Canada Inc.



# The Profile Story



Created specifically for high-density Flat Panel Display (FPD) monitoring applications, Eaton's Profile Console System features a versatile design that makes it ideal for a multitude of technology-intensive environments including:

- 9-1-1/Emergency Operations
- Network Operation Centers
- Process Control Environments
- Medical Imaging Reading Rooms
- Trading Floors





Eaton is a leader in the design and manufacture of sophisticated, ergonomic workstation solutions that manage the convergence of today's technology and the human interface with which it integrates.

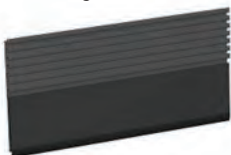
Whether you are building a new facility or renovating an existing one, Eaton's attention to detail, commitment to its customers, and world-class manufacturing ensure a superior room design.

From project inception through installation and beyond, you'll find that Eaton not only builds quality products—we also build long-term relationships.



# Flexibility and Modularity

▼ 16" high slatwall



▼ 12" high slatwall



▲ Aluminum extruded slatwall inserts allow mounting of flat panel displays and various filing accessories. The slatwall insert includes an easily removable panel to access interior cabling.



▲ Rackmount module



▲ Fabric panels



▲ Whiteboard

► Profile modular walls provide an integrated raceway for power supply, electrical and data cable management.

These walls are vertically stackable and allow for various modular components to meet technology needs or aesthetic enhancements. Core offering: 24", 30", 36", 42", 48", 60", and 72" widths.



► Decorative end trim solutions



▲ Stationary worksurface



▲ Structural upright



▲ Single CPU docker



▲ 28" deep CPU/rackmount double docker



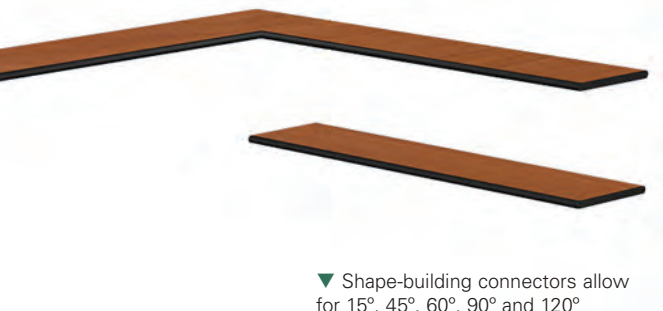
▲ 20" deep CPU/rackmount double docker



▲ CPU caddy

## Design philosophy

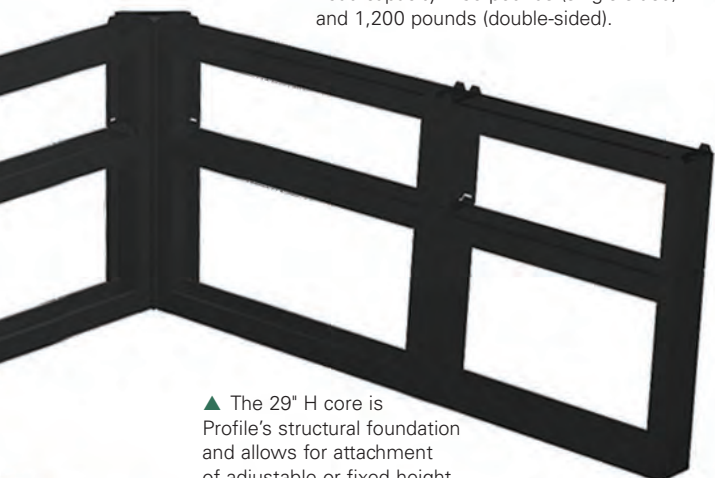
Revolutionary in design and construction, the Profile console is an ultra-durable steel frame system consisting of a structural foundation and stackable, modular walls.



◀ Fixed 15" deep top mount corner and linear shelving allows for reception-type applications or storage of smaller peripherals.

▼ Shape-building connectors allow for 15°, 45°, 60°, 90° and 120° configurations.

Load capacity: 750 pounds (single-sided) and 1,200 pounds (double-sided).



▲ The 29" H core is Profile's structural foundation and allows for attachment of adjustable or fixed height worksurfaces and CPU storage.



◀ Removable dome shaped, vented steel top trim allows for quick access to the interior of the modular wall.



▲ Stationary work surface with integrated keyboard



▲ Removable vented, steel core skins allow servicing and cable management access from both sides of the core.



▲ Acoustic and decorative laminate panels allow for an aesthetically pleasing, external finishing touch.



▲ Single electronic monitor lift with integrated keyboard

You can specify the level of privacy and storage capacity of each workstation. Then, define the appearance and functionality of your workstation by selecting finishes and integrated componentry from a series of modular wall components and dedicated storage devices.



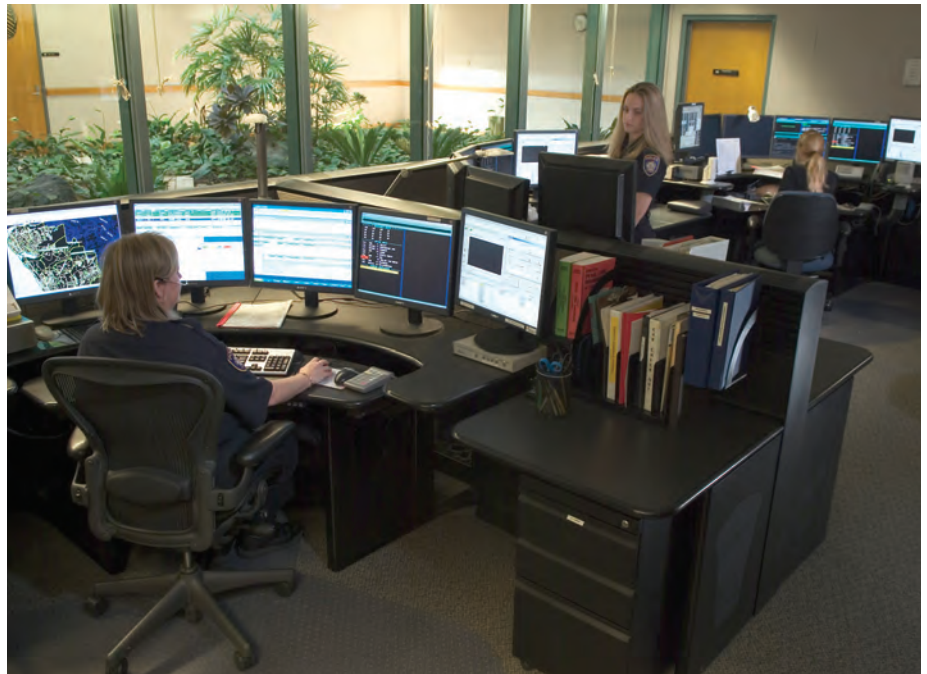
▲ Dual electronic monitor and keyboard lift



# Height-adjustable Worksurfaces

Profile command and control consoles enable clients to create the highest level ergonomic work environments. Eaton provides both manual height-adjustable keyboard platforms as well as sit-to-stand height-adjustable workstations in multiple configurations to meet the most current ergonomic standards. Single and dual lift platforms allow users to adjust their working postures to comply with the most current ergonomic recommendations.

Current research suggests changing work postures a minimum of every 45 minutes and/or taking short breaks. In mission critical operations, breaks are not always possible. Using height-adjustable workstations can facilitate micro-breaks which help increase blood flow to muscles, help reduce fatigue and help prevent repetitive stress injuries. Eaton's height-adjustable electronic lift workstations prove the best solution to meet ergonomic requirements and provide employee comfort, which in turn can help increase productivity.



## Electronic lifts

In this 9-1-1/emergency operations application, consoles are outfitted with electronic, height-adjustable sit-to-stand worksurfaces allowing team members to change posture without leaving the workstation.



## Manual lifts

Integrated keyboard platforms can be used with stationary worksurfaces for manual height adjustability where electronic lifts are not required.





#### Sit-to-stand lifts

Sit-to-stand lifts are quiet, quick and exceed most ergonomic industry standards. Dual electronic lift surfaces offer full sit-to-stand height adjustment for both surfaces.

#### Linear lifts

Our current sit-to-stand technology is carried over to linear surface models in 48", 60" and 72" widths. The adjustable worksurface, with lift actuators, is tied into the Profile core for structural integrity.

### LIFT CONFIGURATIONS

Lift Model	Load Capacity	Vertical Travel Range	Travel Speed	Noise Factor	Adjustability	Shape Availability
Dual Lift Sit-to-stand	300 - 450 pounds	23.7" – 50.3" both surfaces	1.69" per second	51–53 dB	<ul style="list-style-type: none"> <li>• Monitor deck and keyboard platform electronically independently adjustable</li> <li>• Keyboard platform weight capacity of 300 pounds</li> </ul>	90° – 48" x 48", 60" x 60", 72" x 72" Linear – 48", 60" and 72" widths 45° – 30" x 36" x 30" 60°, 120° – 48" x 48"
Single Lift Sit-to-stand	300 - 450 pounds	23.7" – 50.3" both surfaces	1.69" per second	51–53 dB	<ul style="list-style-type: none"> <li>• Monitor deck with keyboard attached, manually adjustable</li> <li>• Keyboard platform:               <ul style="list-style-type: none"> <li>– weight capacity of 150 pounds</li> <li>– infinite height adjustment range of 15"+</li> <li>– adjustable between 8.8" above to 7.1" below the monitor deck</li> <li>– infinite tilt adjustment range of plus/minus 15°</li> </ul> </li> </ul>	90° – 48" x 48", 60" x 60" Linear – 48", 60" and 72" widths 45° – 30" x 36" x 30"



# Benefits of Electronic Lifts

Eaton's worksurfaces meet ANSI ergonomic standards and its lift models and styles are designed to comply with strict Human Factors Standards. Benefits to an ergonomic system include the following:

## **Helps reduce injuries**

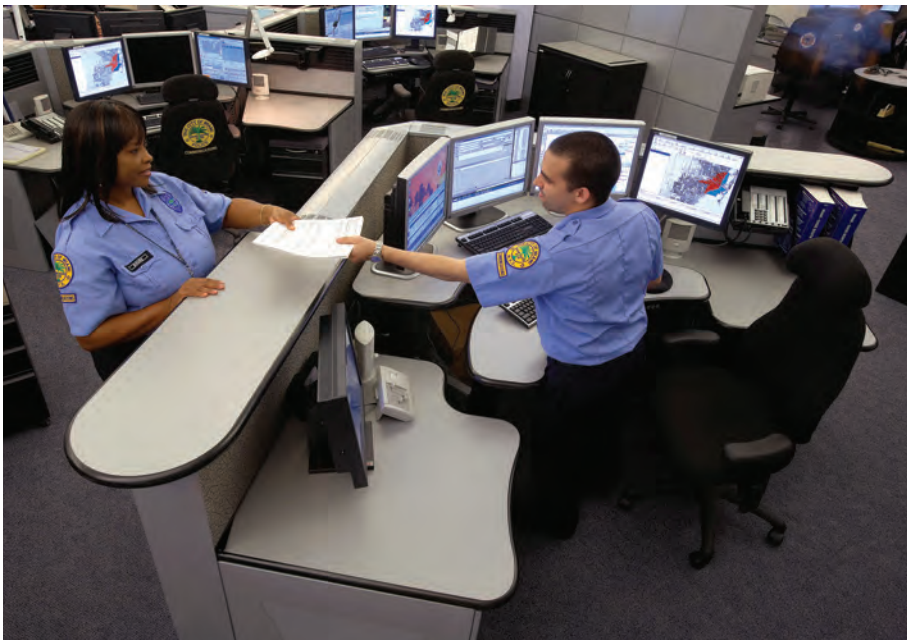
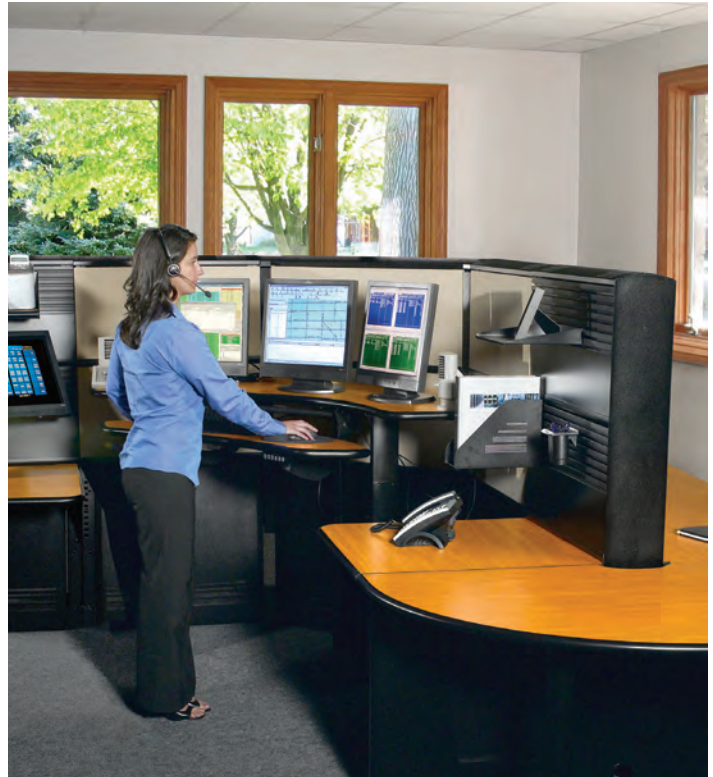
The proliferation of technology in the workplace has come with an unintended consequence: musculoskeletal disorders and repetitive strain injuries (RSIs). Lost time due to medical leave can be staggering. Profile helps to minimize these occurrences with true ergonomic workstations.

## **Appropriate viewing angles**

Monitors should be arranged in a parabolic, or cockpit-viewing configuration for a more comfortable and ergonomically advanced work environment. Utilizing articulating FPD arm mounting solutions provides the user with the flexibility to adjust and adapt monitor positions precisely for his/her specific needs.

## **Can help improve morale**

In high-paced, mission-critical environments, where Profile is often used, it is important that careful attention be paid to ergonomic considerations. Workstation designs that integrate appropriate accessories maximize user comfort, safety and efficiency.



### **Control pad**

The control pad is a compact unit which mounts under the keyboard platform and offers up to four memory positions. Actual height of the surface is shown on the display.



# Personal Controls



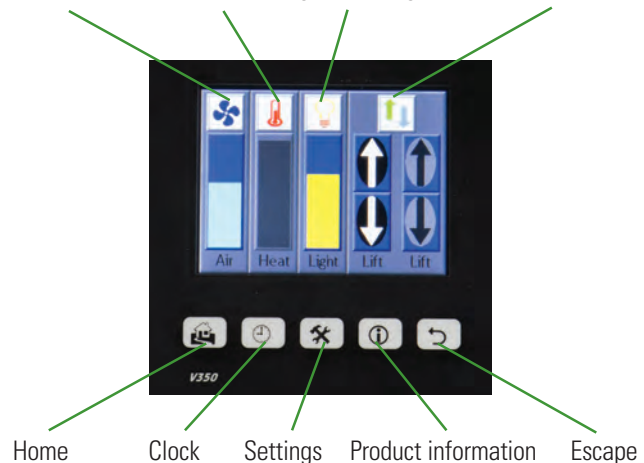
The Profile console can be outfitted with Personal Environment Zone — a control system that allows an individual to create an ideal work environment. Each operator can maintain personal settings for temperature, airflow, lighting and worksurface height. The self-contained unit is mounted into a worksurface; attaching to the underside of the desktop. A central location for all controls reduces the amount of wiring and decreases clutter on the desktop.

Adjustable louvers allow filtered air to be directed per the user's preference. A forced heated air vent for legs and feet is located under the worksurface. Circulated ambient and heated air, light dimming and worksurface lift controls are operated from a full color touchscreen right at the operators' fingertips.



## Controls:

Cool airflow   Heated airflow   Light dimming   Worksurface lift control



Circulated ambient and heated air, as well as light dimming and worksurface lift control are operated from a full color touchscreen control panel. A motion sensor that detects if the user is sitting at the desk is linked to the controller. If no activity is detected after a preset user-defined period of time, the controller shuts down the fans, heater and task light and the display goes into sleep mode. Once motion is detected, the unit powers up the fans, heater and task lights to the last known settings.



# Flat Panel Mounting Solutions



## **Cantilevered FPD array**

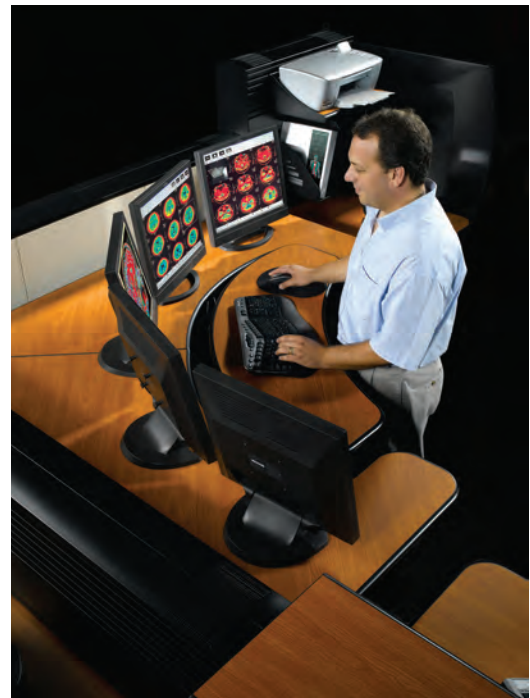
In this network operations center, the Profile system's stackable modular wall construction allows for a cantilevered array of FPD monitors.

Created specifically for flat panel displays (FPDs), the Profile console is perfect for high-density monitoring applications. A series of articulating arm mounts free up valuable desk space, allow for appropriate viewing angles and neatly integrate cabling and wiring within the Profile system.



## **Tiered monitor arrays**

This linear stacked modular wall configuration provides ample room for tiered monitor arrays in this 9-1-1 communications center.



## **FPD display height**

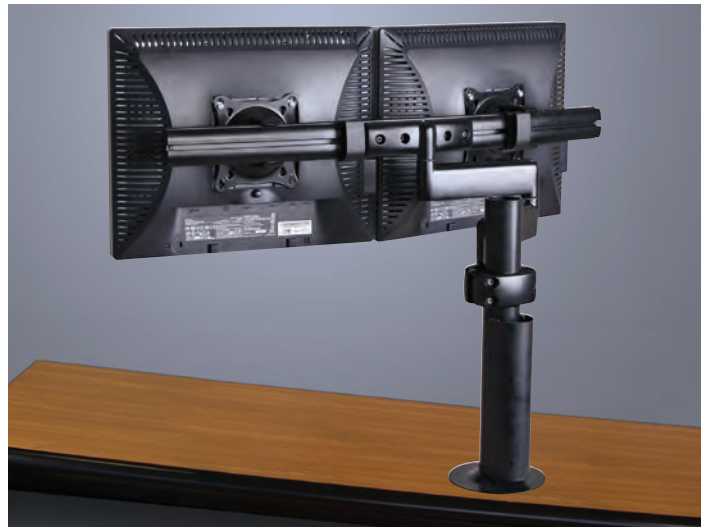
In ergonomic lift applications, freestanding desktop FPD mounts allow you to set the height of your displays for comfortable viewing.





#### **Centris™ technology**

Exclusive technology using center of gravity to balance monitors, providing effortless, smooth fingertip tilt with  $\pm 15^\circ$  of movement.



#### **Pole mounted FPDs**

Conserve desk space by suspending multiple FPDs on a single base.



#### **Dual monitor arm**

Dual monitor arm features top-down desk clamps for fast, simple installation and self-supporting monitor adjustment.



#### **Parabolic positioning**

Parabolically view three FPDs. Easily adjust the height and position of screens to a comfortable, ergonomically appropriate position.



#### **Aluminum slatwall**

The Profile system's modular extruded aluminum slatwall eases installation of FPD mounts and accepts a number of other accessories.



#### **LCD Lift**

With Eaton's LCD Lift™ your LCD monitors electronically elevate to an optimal viewing position with the push of a button. When not in use, LCDs retract into a locked enclosure underneath the desktop.

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# Technology Integration

The Profile system offers one of the most advanced technology access and integrated cable management solutions in the industry.

From its design conception, the Profile system was engineered to maximize the ability to service and store your technology while maintaining a progressive, state-of-the-art console appearance.



## **CPU Caddy**

The retractable CPU Caddy swings out beneath the worksurface on low profile casters. Appropriate for a tower server or mini-CPU, its storage capacity is 7.5"W x 17.5"D x 20"H.



## **Rackmount module**

Designed to rackmount 19" communication gear, the rackmount module includes two front mounting rails with 10-32 tapped holes and allows for 6U, 9U, 12U and 15U of vertical space. 6U rackmount module shown here.



## **Rackmount docker**

The 24" wide rackmount docker is structured with four vertical EIA rails, adjustable without special tools and is available in 20" and 28" depths. 24"W x 20"D rackmount docker shown.



## **CPU docker**

The CPU docker is structured with a fully retractable CPU shelf for maximum accessibility. This lockable docker is available in 14", 24" and 36" wide footprints and 20" and 28" depths. 24"W x 28"D CPU docker shown.





#### **Lateral raceway**

Vented top trim panels are easily removed to gain access to integrated lateral raceway. Not only does this raceway provide mounting capabilities for power strips, transformers and optional fan assemblies, but it also offers the ability to segregate and manage data and power cabling.



#### **Cable access portals**

Profile cores and walls are designed with horizontal and vertical cable access portals, allowing for continuous cable/data feeds throughout your configuration. Portals are finished off with a smooth, plastic trim ring to protect your cables.



#### **CPU docker**

The 36"W x 20"D CPU docker is designed with center meeting doors.



#### **Removable panels**

Removable external wall skins and user-facing cable access panels structured with the Profile slatwall component allow servicing and cable management access.



#### **Service and cable management accessibility**

Removable core skins allow servicing and cable management access from both the user-facing and external sides of the configuration. Steel panels are designed with a bottom perforation pattern for heat dissipation.

# System Design

The Profile system's versatile design allows custom configuration to meet the varied needs of our customers. Our expert designers will help create a system that will address your unique challenges. Our skilled CAD engineers will create three-dimensional configuration drawings and when appropriate, color renderings, to give you a better feel of your proposed system before it's installed.

The examples included here are just a sampling of the different applications which include 9-1-1/PSAP, Process Control, Security and Transportation.

## 9-1-1 Emergency communications



Centre County, PA

## Process control



Invensys



## Security



Tallahassee Regional Airport

## Transportation



Georgia Department of Transportation

# Ergonomic Seating

Eaton's ergonomic seating portfolio includes something for every working environment. From 24/7 continuous shift and big and tall accommodation, to executive office and task intensive selections, we have a wide range of options for seated workers.

## 24/7 Seating



## General office seating



## Process control / lab seating





# Multimedia Storage

## Reference materials and resource centers

As vital as your technology is to an emergency operation center, your conventional records, binder and reference materials are either mandatory or back-up information to which you need to have immediate access. Eaton offers turnkey solutions for a variety of modular storage cabinets, mobile filing pedestals, open shelving, personal wardrobes and sophisticated rotating retrieval systems.



### Rotating resource centers

Rotating resource centers are extremely popular for shared information access. Available in 30" and 36" diameter models, units include a cable port in the worksurface that remains stationary while lower levels offer full rotation.



### Mobile pedestals

Our mobile pedestal line features all-steel constructed housing and drawer fronts for lifetime use.



### Optimedia cabinets

Optimedia™ is an advanced line of media-support cabinets to house vital magnetic, electronic and optical formats and conventional paper media.

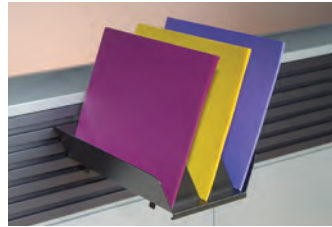


### Filing Companions

Filing Companions is a series of wardrobe towers and general storage cabinets to accommodate shift personnel.

# Accessories

In addition to accommodating a host of LCD mounting solutions, the Profile system slatwall also accepts various accessories to organize your personal materials and work-in-process.



**Triple file sorter**



**Pen cup**



**Paper tray**



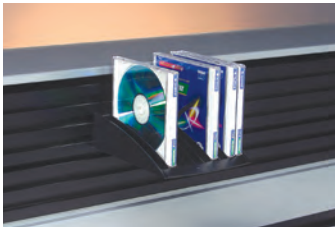
**18" steel shelf**



**Phone holder**



**Drink holder**



**CD holder**



**Binder bin**



**Accessory tray**



**Laminate shelf**

## Fabrics and Laminates



### **Fabric walls**

We offer a large array of fabric choices for our optional fabric panel walls. The fabric is 100% post-consumer polyester, and complements Profile's color palette. For accurate color representations please contact your local Eaton sales representative for a fabric card.



### **Laminate panels**

Optional laminate panels are available to match primary worksurface colors or to bring a soft wood look to your facility.







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