

AXIOMTM CONSOLE

ABOUT AXIOM[®] CONSOLE

The ultimate in affordable modularity, the Axiom console family with its space age, structural polymer design, is our most versatile layout solution. Designed using a building-block philosophy, Axiom allows the user to scale and accessorize equal to any system on the market today. The flexibility of the Axiom design allows it to meet almost any layout requirements and its modularity allows for future changes or upgrades with minimal product add-ons and expense.

AXIOM CONSOLE[®] FEATURES

Modularity. Flexibility is maximized with basic modular components that combine to create many configurations.

Ease of Reconfiguration. Axiom is re-configurable in many ways, by the dealer or the client, with minimal additional parts. The console can be changed from Full depth to reduced depth or Desktop to double high with minimal add-ons. And unlike any other consoles in its class the configuration can even end on a corner¹.

Independent Levels. The upper and lower levels of Axiom are Independent and do not share the same length, allowing a single high tier to top a desktop console of a different width.

Added Strength. Sheet metal stringers coupled with structural polymer cladding and infrastructure provide incredible strength and durability.

Aesthetic Space Age Design. Axiom is designed with a contemporary cladding design and molded contoured work surfaces. It is currently available in 40 standard panel colors, augmented by an unlimited range of custom colors. Work surfaces are available with standard laminate or optional wood veneer.

Equipment and Cable Access. Hinged doors, piston-assisted hoods and removable equipment fronts offer unlimited equipment access. All processor shelves and equipment fronts are designed with a quick release system to allow for easy removal. Raceways are built into the lateral structure with multiple access ports to allow for effective cable management.

Ease of Assembly. It's so easy; installation by Evans is not required². Dealers can do the assembly themselves. If needed, clients can assemble their own consoles or change the room layout on their own.

¹ Modular corners only.

² For standard models only. We recommend Evans installers for all custom models.

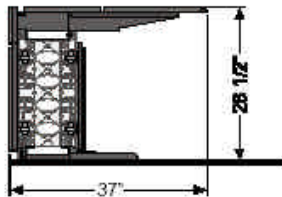
Continuous Task Lighting. Utilizing a mechanical grid slide plate to adjust brightness, Axiom’s task light significantly optimizes bulb life, compared to a conventional dimmer switch system.

Human Factors Based Design. The standard Axiom system is designed to comply with accepted Human Factors of Design and applicable ergonomic standards including ANSI/BIMFA, CSA, and ISO.

Standard Module Dimensions and Configurations

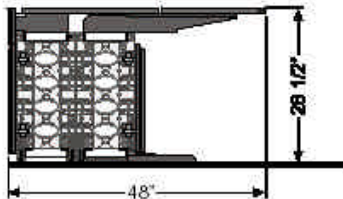
Depth	Full Depth	48 in (1219 mm)
	Reduced Depth	37 in (940 mm)
Height	Desktop	28.5 in (724 mm)
	6 in Slatwall	34.5 in (877 mm)
	12 in Slatwall	40.5 in (1029 mm)
	18 in Slatwall	46.5 in (1181 mm)
	Single tier	47 in (1194 mm)
Width	Double tier	77 in (1956 mm)
	24 in (610 mm), 48 in (1219 mm), 72 in (1829 mm) ³	
	Corners (forward)	15°, 22.5°, 30°, 45°
Corners (Reverse)	15° modular corners, by addition 30°, 45°, 60° are available*	

** Not available in Double- High configurations*



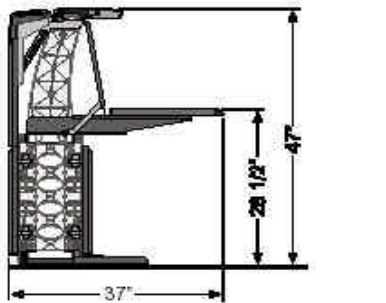
Desktop Section - Reduced Depth - Processor Sizes

Max. 18.5 in D X 11.25in W X 19.75 in H – Fixed
 Max. 17.75 in D X 8.5 in W X 19.5 in H - Swing-out



Desktop Section - Full Depth - Processor Sizes

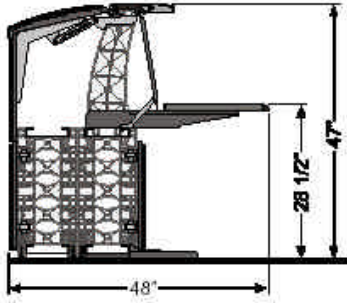
Max. 22.25 in D X 17.50 in W X 19.75 in H - Fixed
 Max. 17.75 in D X 16 in W X 19.25 in H - Slide-out
 Max. 17.75 in D X 8.5 in W X 19.5 in H - Swing-out



Single High Section - Reduced Depth - Processor Sizes

Max. 18.5”D X 11.25”W X 19.75”H - Fixed
 Max. 17.75”D X 8.5”W X 19.5”H - Swing-out

³ Note: All dimensions do not account for end panel width

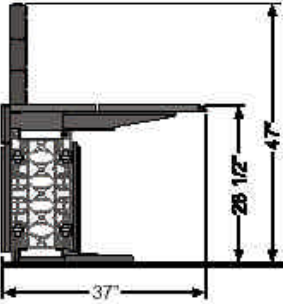


Single High Section - Full Depth - Processor Sizes

Max. 22.25" in D X 17.50 in W X 19.75 in H - Fixed

Max. 17.75 in D X 16 in W X 19.25 in H - Slide-out

Max. 17.75 in D X 8.5 in W X 19.5 in H - Swing-out

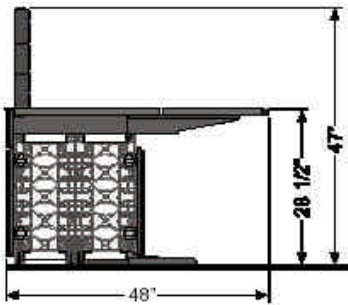


Slat Wall Section - Reduced Depth - Processor Sizes

(18 in slatwall (max) shown. Also available in 6 in and 12 in)

Max. 18.5"D X 11.25"W X 19.75"H - Fixed

Max. 17.75"D X 8.5"W X 19.5"H - Swing-out



Slat Wall Section - Full Depth - Processor Sizes

(18 in slatwall (max) shown. Also available in 6 in and 12 in)

Max. 22.25 in D X 17.50"W X 19.75 in H - Fixed

Max. 17.75 in D X 8.5"W X 19.5 in H - Swing-out

Monitor Space

- Full depth modules fits most 21 in (533 mm) monitors
- Reduced depth will fit most 21 in (533mm) flat panel LCD monitors
- Height from monitor shelf in lowest position to underside of valence is 20.75 in (527mm)

AXIOM[®] CONSOLE MATERIAL SPECIFICATIONS

1.0 Console Structure Frame (Upper and Lower)

Structural Foam

- Acrylonitrile Butadiene Styrene (ABS)
- Density: 0.044 lbs./in³
- Tensile Yield: 5,800 psi
- Tensile Modulus: 300 ksi
- Finish: None
- Flame Rating: UL94 V0

- (Unfinished) ASTM
- Poisson's Ratio: 0.40

Sheet Metal

- Cold Rolled Steel
- Density: 0.290 lbs./in³
- Yield: 27 ksi
- Modulus of Elasticity: 29 x 10⁶ psi
- Flame Rating: Not applicable
- Finish: Powder Coated
- Poisson's Ratio: 0.30

Aluminium Extrusions

6063-T54 Aluminium

- Density: 0.098 lbs./in³
- Yield: 30 ksi
- Finish: Powder Coated

6060-T5 Aluminium

- Density: 0.098 lbs./in³
- Yield: 16 ksi
- Finish: Powder Coated

2.0 Internal Components

Monitor Shelf

- 16 gauge C.R.S. 100-lb (45-Kg) capacity
- Finish Powder coated black

Processor Shelves

- Fixed Shelves 14 gauge CRS, Powder coated black finish
- Swing out Shelves 14 gauge CRS, Powder coated black finish
- Slide-out shelves 16 gauge CRS, Powder coated black finish

3.0 Cladding (Panels)

Axiom is designed with convenient, quick-release hinged lower front and rear panels. Accompanied by piston assisted Upper Rear Panels.

- Flame Retardant Polystyrene (Nova Chemicals–ZYNTAR® 7000)
- Density: 0.042 lbs./in³
- Tensile Yield: 3,200 psi
- Tensile Modulus: 250 ksi
- Finish: Painted
- Flame Rating: UL 94 V-0
- Poisson's Ratio: 0.40

Also available in wood cladding (some design constraints apply).

4.0 Gables

MDF

- Density: 45 lb./ ft²
- Modulus of Rupture: 4,800 psi
- Modulus of Elasticity: 480,000 psi
- Internal Bond: 120 psi
- Screw Holding, Face: 345 lbs.
- Screw Holding, Edge: 300 lbs.
- Linear Expansion: 0.3% at 90% Relative Humidity
- Thickness Swell (24-hour soak): 4%

5.0 Worksurface

Non-Fire Rated*

- Nosing: PVC Extrusion
- End Caps: Painted MDF
- Pencil Stop: PVC Extrusion
- Laminate: Plastic
- Core: Particleboard
- Adhesive: TaskBond W-300

* *The above construction not considered fire rated.*

With Fire Rated Materials

- Nosing: PVC Extrusion
- End Caps: Painted MDF
- Pencil Stop: PVC Extrusion
- Laminate: Fire Rated Plastic
- Core: Particleboard (Duraflake FR Board (3/4 in or greater))
- Adhesive: Penacolite G-1149-A/G-1131-B
- Flame Spread: 5 (ASTM) – Applies to Core, Laminate & Adhesive assembly only.

6.0 Surface Finish Options

P.LAM (High-Pressure Plastic Laminate)

Axiom panels are finished with a quality high-pressure plastic laminate surface. While industry standards imply that a lower grade of P.LAM may be used on vertical (non-load bearing) surfaces, Evans employs the highest quality, Horizontal Grade laminate on all panels and worksurfaces.

Wood Veneer*

Axiom Veneer panels are manufactured in house to accommodate a variety of wood finishes.

* *Veneer not recommended for worksurfaces*

Polymer

Polymer surface finishes are available

7.0 Rounded Polyurethane Worksurface Nosing

(Waterfall Nosing, Optional)

Evans has developed an extremely durable, highly flexible nosing that allows inside and outside curves.

- Cast polyurethane foam secured over an aluminium extrusion carrier.
- Comfortable and ergonomically sound
- Allows curved sections with a 14" radius

Edge slope and radius spreads the weight over a larger surface, enhancing end user comfort.

8.0 Tasklight

- Superior light quality. The Colour Rendition Index (CRI) of 80 is higher than that of the quartz halogen. The higher the CRI the more accurately it portrays colours.
- The mechanical dimmer very effectively controls the amount of light without changing the colour temperature without reducing bulb life. Electronic dimmers reduce bulb life up to 80% (10,000 hrs mechanical vs. 2,000 hrs electronic).
- Continuous linear, rather than point light source allows for better light dispersion onto the work surface and eliminates hot spots.
- High electrical efficiency.
- Slim & elegant profile, which matches, or is similar to console design.
- UL & C-UL approved

9.0 Optical Glass Inserts

- Offers a 98% reduction in electrical monitor emissions
- Tempered glass that offers a high safety factor and clear optics.
- Offers glare reduction and contrast enhancement.

10.0 Ventilation Fan

Adequate ventilation is provided through convection without the need for ventilation fans. However, ventilation fans are available if additional ventilation is required. Please speak to the Evans Solution team for more information.

- 115V AC Fan 5W, 23 CFM, 27 dBA, UL, CSA, VDE listed/approved
- 230V – 240V AC Fan 5W, 23 CFM, 27 dBA, UL, CSA, VDE listed/approved

11.0 Options Available

The following are just some of the many options available to increase the functionality of your console solution. For more information and to determine your actual console requirements, please contact the Evans Solutions Team.

- Binder storage equipment fronts
- Paper storage equipment fronts
- Optical Glass equipment front (24" width)
- Rackmount equipment (24" width)
- Telephone shelves
- Under counter keyboard and pencil drawers
- Door mounted processor shelves
- Fixed processor shelves
- Slide out processor shelves
- 19" rackmount rails'
- height adjustable monitor shelves

- double high keyboard drawers
- Continuous cable management designed into the structural members at several points

- throughout the section of the console.
- Linear tasklighting – 1 per module, manual shutter dimming capability