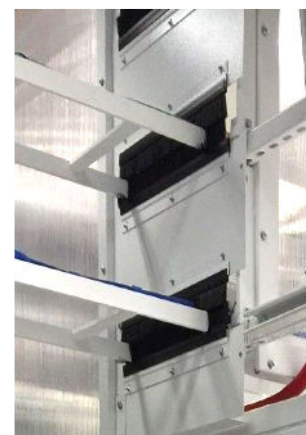
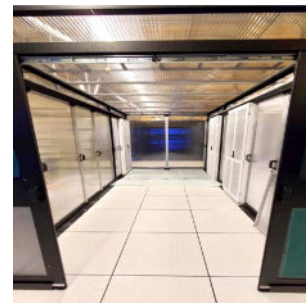
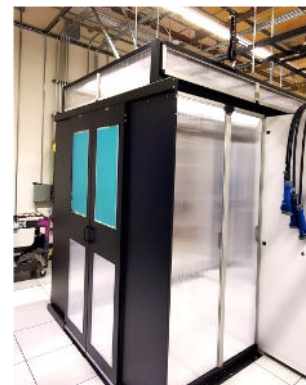
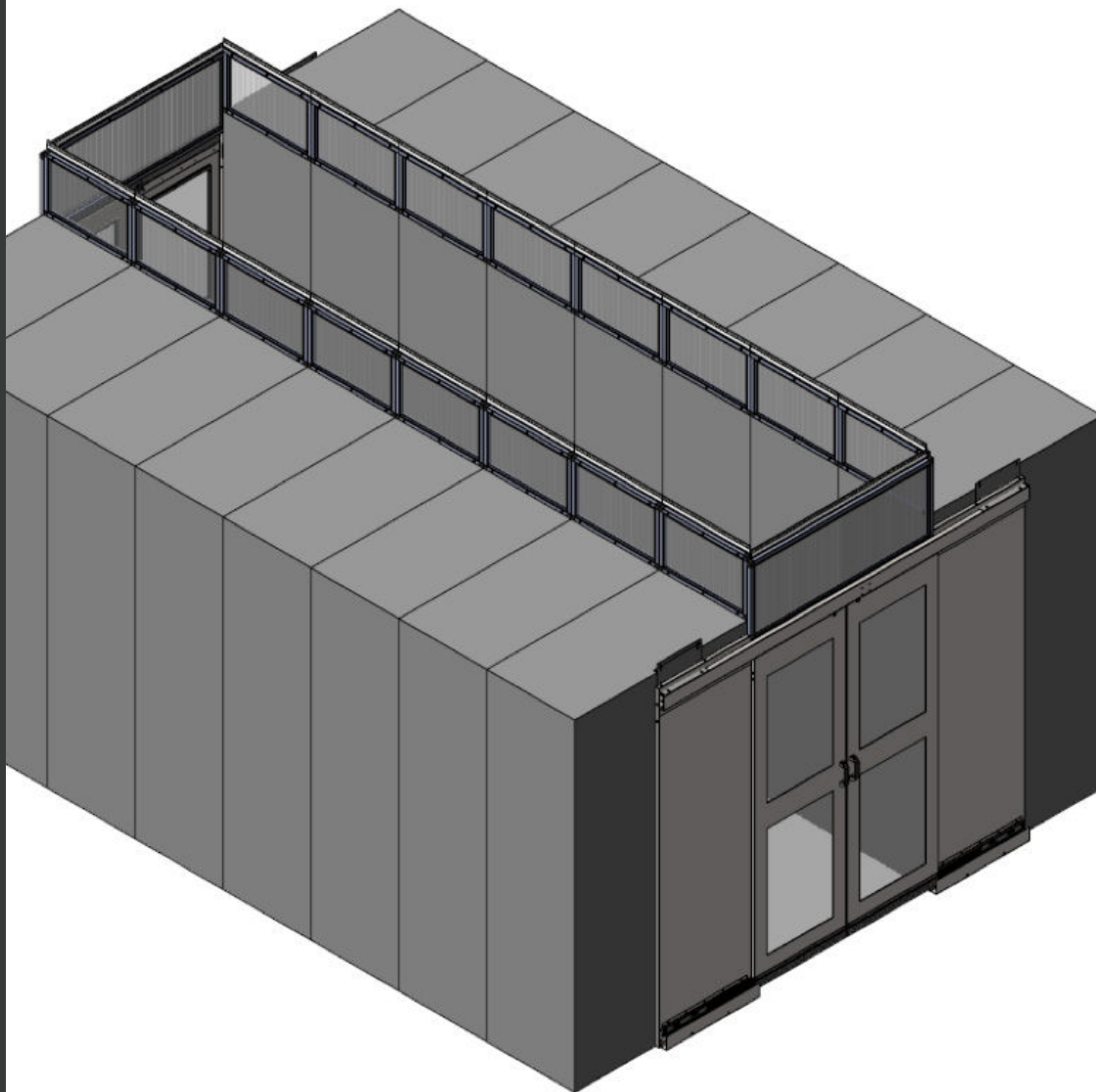


ADVANCED AISLE™ Containment System

Modular Scalable Containment with Full Access Panels



ADVANCED AISLE™ Containment System

Easy and Cost-Effective Containment

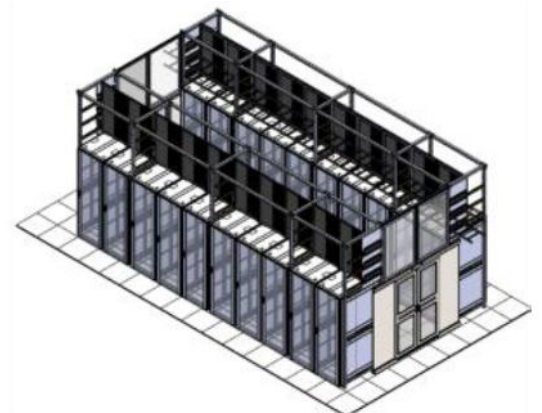
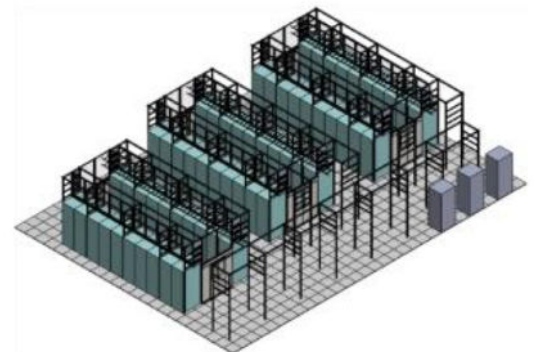
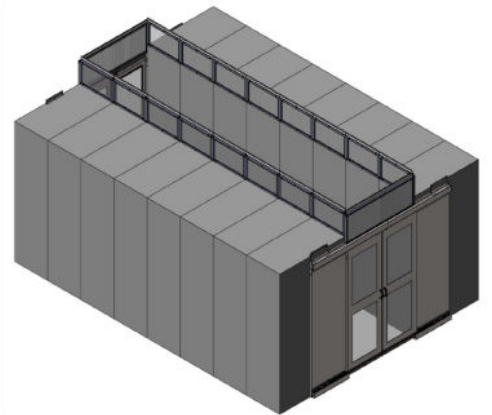
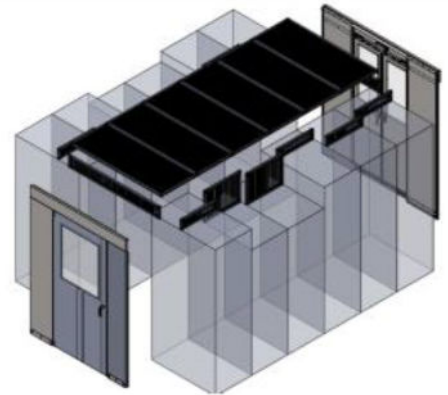
High energy costs and accelerated energy consumption has forced data center managers to implement strategies to achieve separation between the hot and cold air in the data center.

SWDP's ADVANCED AISLE™ Containment System provides the most cost effective, easy to implement and site-friendly total approach to achieve this positive separation in existing (retrofit) or new data center builds.

Our aggressively engineered approach reduces acquisition and installation costs, while providing the ultimate in effectiveness. We can custom design solutions to fit any site situation and, of course, not only provide the best possible solution, but you'll get it fast and without the "premium" costs.

Features

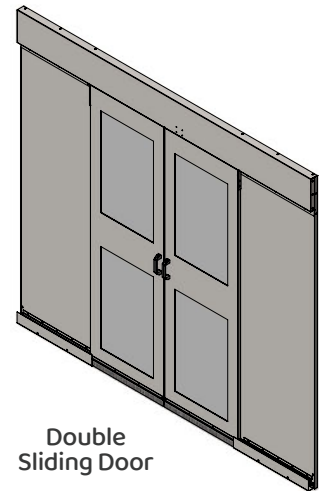
- Hot or Cold Aisle Containment
- Typical ROI of 12 months or less
- Modular sliding or swinging door versions available with optional "soft" self-closing mechanisms and hold-open provisions.
- Multiple door height versions to accommodate varying cabinet heights up to 96" tall cabinet
- Accommodates aisle widths from 36" wide to 96" wide.
- Can be mounted cabinet-to-cabinet or cabinet-to-wall
- Customization of sizes/shapes available to fit any site requirements and conditions including retrofits
- Cold Aisle drop away ceiling panels (clear or opaque) Class A rated, CA State Fire Marshal, UL & FM Global listed and approved
- Hot aisle to plenum light-weight cabinet supported vertical panels speed installation
- Rapid manufacturing times insure availability that meets your needs
- Standard colors—Black, Glacier White or Gray. Custom colors upon request



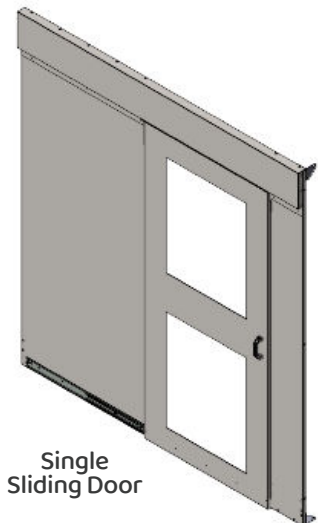
ADVANCED AISLE™ Containment System components

The Most Versatile Hot Aisle/Cold Aisle Containment Doors

- Available in sliding or swinging versions
- No threshold design allows for clear aisle access
- Clear or twin wall polycarbonate inserts available
- Sliding or swinging doors available in “diagonal” configurations for uneven row ends
- Sliding or swinging doors can be installed cabinet-to-cabinet or cabinet-to-wall
- FM Global sight-window optional
- FM Global sight-window optional



Double Sliding Door



Single Sliding Door

Sliding Doors

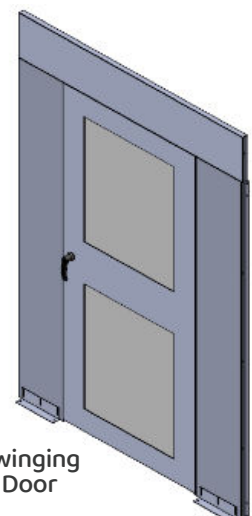
Features

- Available options to fit from 36" to 96" wide aisles with optional filler panel kits
- Sliding doors available in single or double sliding versions, both with available optional "soft" self-closing mechanisms and hold-open feature to keep doors open when they are fully extended
- Single sliding doors available in left or right direction of open

Swinging Doors

Features

- Available options to fit from 36" to 96" wide aisles with optional filler panel kits
- Swinging door options include top or full viewing inserts
- Swinging doors are field reversible from left to right
- Swinging door optional patented FLOWBOOST® design maximizes flow of hot aisle air towards return air ducts



Swinging Door

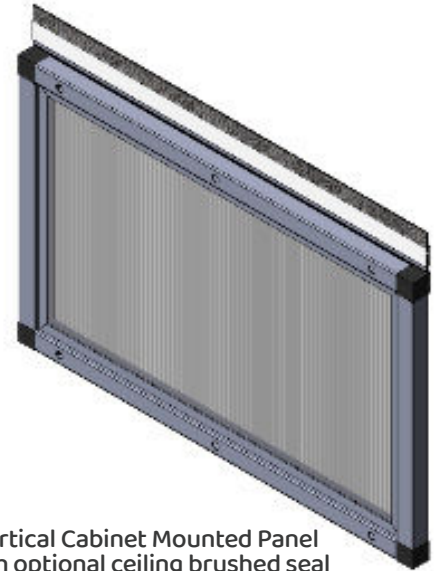
ADVANCED AISLE™ Containment System components

HOT AISLE CONTAINMENT SPECIFIC:

Vertical Cabinet Mounted Panels

Features

- Cabinet mounted panels are designed to extend from cabinet top to the ceiling or pre-determined height
- Available in most any width up to 96" wide
- Options to fit from 36" to 96" wide aisles available
- Frames are made from light-weight aircraft aluminum extrusion
- Insert material is light-weight but rigid twin wall polycarbonate
- Available in clear, tinted and solid options
- Optional FM Global Material (Boltaron) or Solid Aluminum Panels
- Optional ceiling brush seals
- Easily removable for top-of-cabinet access
- Vertical panels are mounted to cabinets with brackets



Vertical Cabinet Mounted Panel with optional ceiling brushed seal

Rack or Aisle Blocking Panels

Features

- Used to fill in-row gaps or spaces when cabinets are not present or odd sized spaces exist
- Can be used to create floor to containment panel "walls"
- Available in most any width up to 50" wide
- Frames are made from light-weight aircraft aluminum extrusion
- Insert material is light-weight but rigid twin wall polycarbonate
- Available in clear and tinted options
- Optional brush seals
- Movable and changeable in field



Blocking Panel

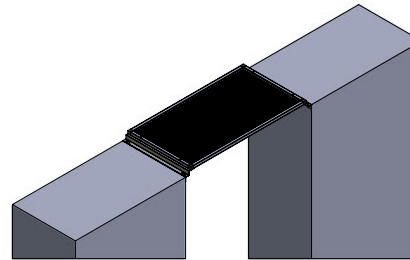
ADVANCED AISLE™ Containment System components

COLD AISLE CONTAINMENT SPECIFIC:

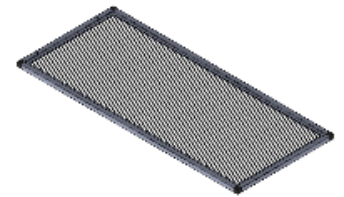
Drop Out CAC Panels

Features

- Class A rated, CA State Fire Marshal approved, UL & FM Global listed
- Options available to fit from 36" to 96" wide aisles
- Insert material is designed to soften and drop out away during a fire
- Available in clear and opaque options
- Easily removable for top-of-cabinet access
- Can be mounted to cabinets with brackets or Velcro
- Integrates with all other SWDP containment options



Cabinet Bracket Mounted

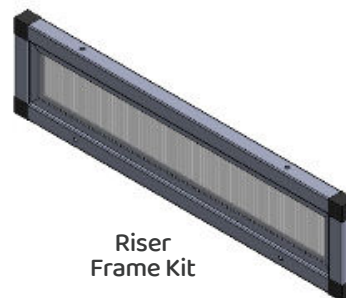


Velcro Cabinet Mounted
Drop Out CAC Panel

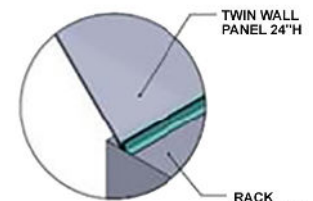
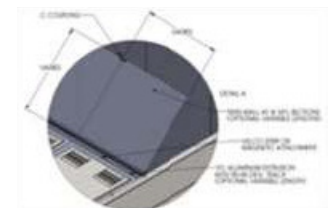
Riser Frame Kit

Features

- Riser kits adapt different height cabinets in same row or to raise CAC roof height on shorter cabinet rows
- Can be made any height up to 36"
- Can be made in any width up to 50" wide
- Custom sizes available to adapt over non-standard in-row conditions such as in-row cooling units



Riser
Frame Kit



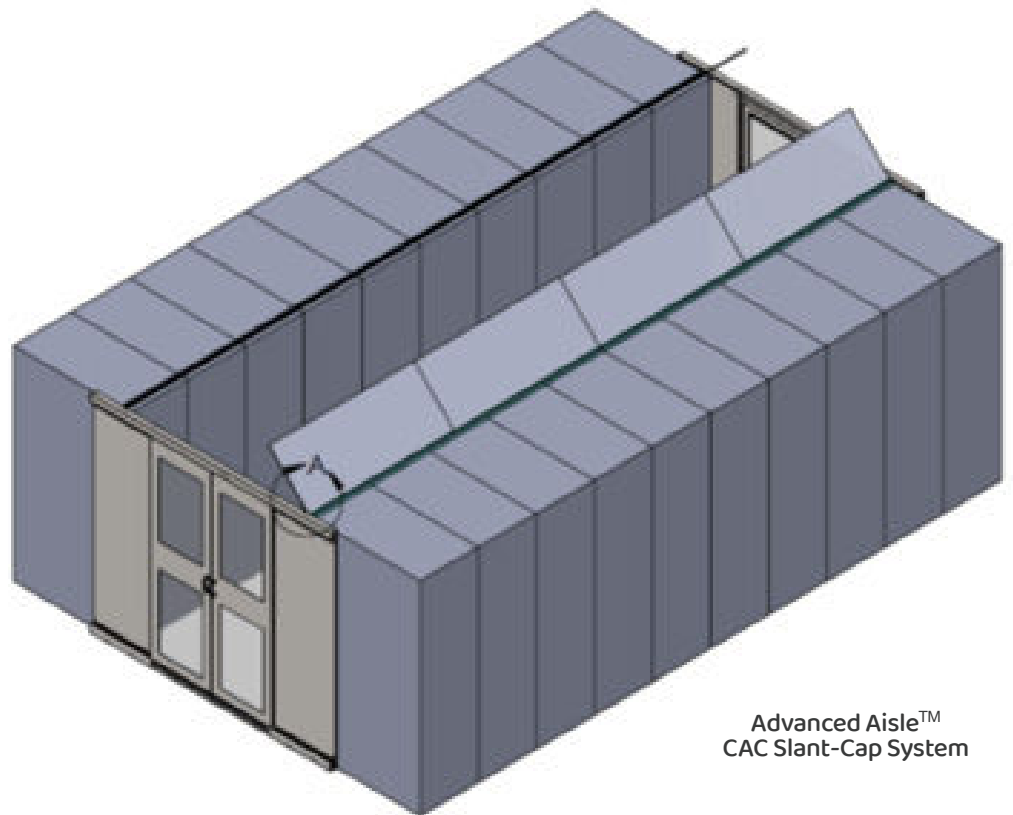
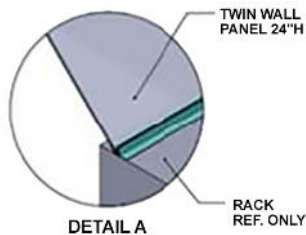
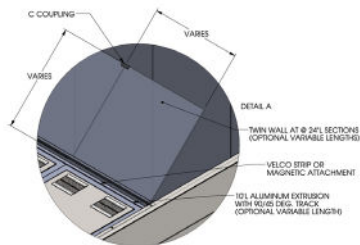
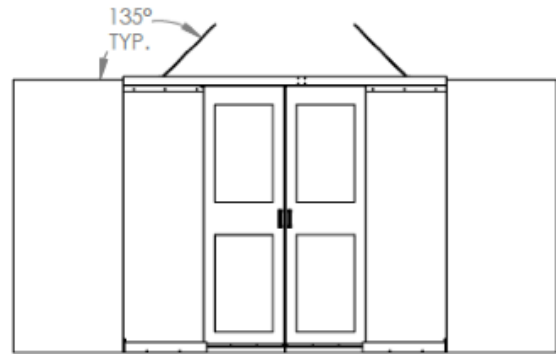
ADVANCED AISLE™ Containment System

COLD AISLE CONTAINMENT SPECIFIC:

Advanced Aisle™ CAC Slant-Cap System

Features

- Extruded Aluminum Cabinet Top Mounting
- PolyGal Twin Wall Material
- UL Approved, ASTM-E-84 Class A Certified
- Installation available in vertical or 45-degree orientation
- Provides a quick modular tool-less installation
- Movable and changeable in the field
- Tool-less Velcro or magnetic mounting



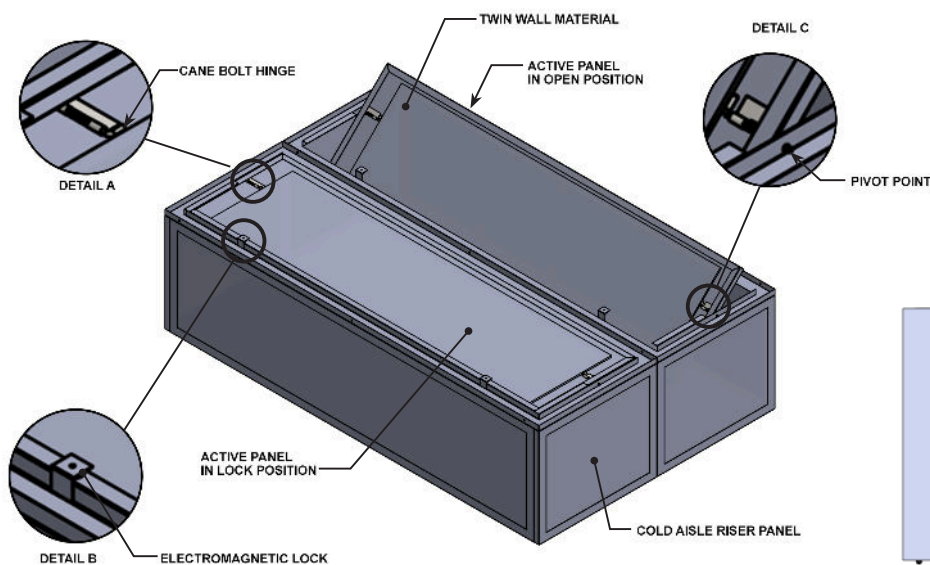
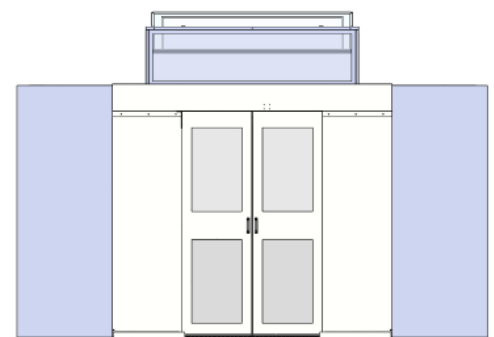
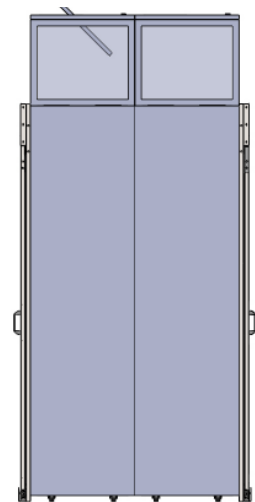
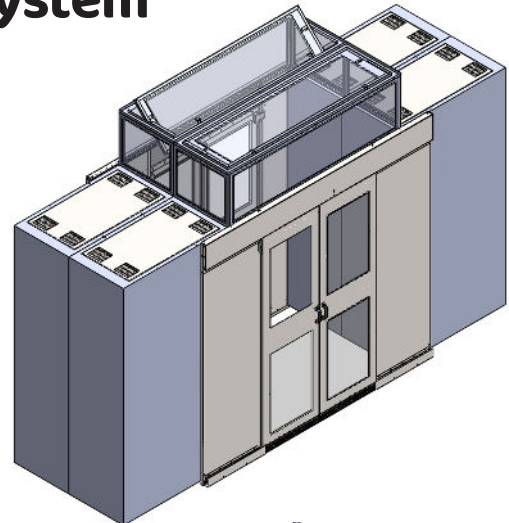
Advanced Aisle™
CAC Slant-Cap System

ADVANCED AISLE™ Containment System

ADVANCED AISLE™ Active-Cap® System

Features

- Automatic Opening Roof Panels allow sprinkler coverage in the aisle upon building fire or smoke system activations
- No need for sprinkler or other fire suppression penetrations in CAC
- NFPA 75 compliance
- Incorporates electromagnets to hold the panels closed until the building fire system activates and power is removed
- DC24V powered
- UL Approved, ASTM-E-84 Class A Certified
- No interference with aisle exits or headroom
- Direct mounts to all SWDP cabinet systems, regardless of heights/widths
- Retrofittable to accommodate vendor neutral cabinets
- Assembles on-site and comes pre-engineered and fabricated to size
- Multiple cabinet widths available as standard (*custom widths available*):
 - 24" wide | 28" wide | 30" wide | 31.5" wide
- Multiple aisle widths available as standard (*custom widths available*):
 - 48" Aisle | 60" Aisle | 72" Aisle | 84" Aisle
- Roof panels are removable while structure remains in place



ADVANCED AISLE™ Containment System

Installed HAC/CAC containment



ADVANCED AISLE™ Containment System

Installed HAC/CAC containment

