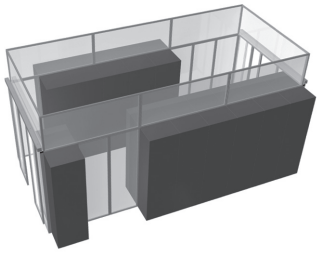
In a typical Data Center, only 30% of the conditioned air gets to where it's needed, resulting in as much as two and a half times more cooling than necessary. Using containment to aid in Data Center Airflow Management puts the conditioned air where it needs to be, increasing cooling capacity and eliminating hot spots.

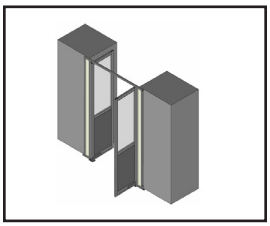


Rigid Containment

Rigid containment systems are the most effective way to isolate conditioned air and control airflow between data center racks, while still providing access to the IT equipment. We offer rigid containment solutions for end of row containment, overhead containment, and everything in between. Each solution is custom built to the needs of the customer.

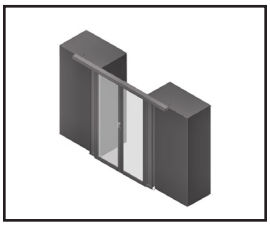
End of Row Rigid Containment (Doors)

Doors are used to seal off the end of a row to prevent hot/cold air from recirculating back into the aisle and the perimeter of the door and the frame are sealed to prevent air movement. The doors are designed for both hot and cold aisles and are custom made to meet the specific needs/requirements of Data Centers, including custom color options to match the Data Center's current design.



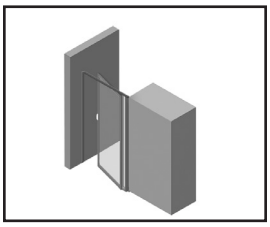
Double Swinging Doors

Double swinging doors swing both toward and away from the racks, automatically returning to the closed position. The doors are made from sturdy aluminum with clear or corrugated top panels and steel powder-coated bottom panels, allowing plenty of light into the aisles while withstanding the abuse of carts.



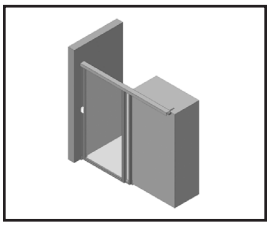
Double Sliding Doors

Double sliding doors have been our most popular door type. They come standard with auto-closers and door catches to hold the doors open. Options include corrugated clear paneling, custom color options, choice of handles and digital locks for added security.



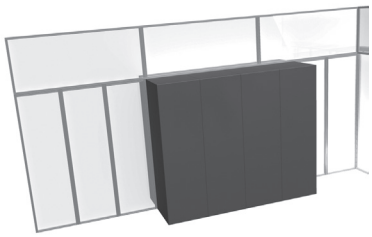
Single Swinging Doors

Designed as a solution for access in tight quarters, single swinging doors can be mounted cabinet to wall or around beams and other obstructions. Complete with various options specific to your needs, these doors can be custom manufactured with transparent Plexiglass and/or translucent corrugated glass paneling, and digital locks for added security.



Single Sliding Doors

Single sliding doors are designed for hot and cold aisle installation. The single sliding door can be customized for any size of opening. This door is ideal for cabinet to wall installations, or where the opening prevents a door from sliding both directions. Digital locks can be installed for added security.

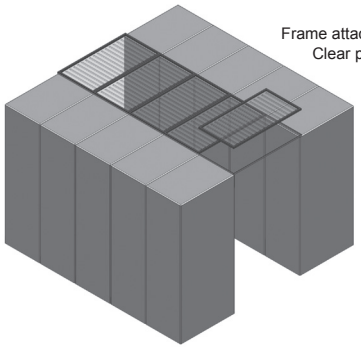


Rigid Walls

Rigid walls are designed to fill gaps above cabinets, restrict access to unauthorized areas, close off leaks and bypasses, and to fill open space between aisle cabinets. They offer the highest level of airflow containment solutions where access is not desired or feasible. Equipped with the same options as the doors, choose from translucent corrugated glass paneling or transparent Plexiglass. Rigid walls can be custom made to meet specific needs.

Ceilings

Rigid roofing panels are designed to span the gap across the top of cabinets for containment solutions. Two options are available to meet varying fire code requirements

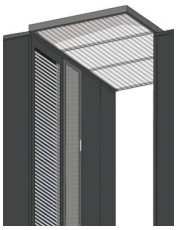


Frame attaches to the top of server cabinets. Clear polyvinyl is inserted into the frame.

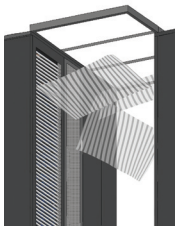
In the event of a fire, the polyvinyl shrinks and drops to the floor allowing fire suppression to take over.

Shrink-Away (heat activated)

Shrink-Away ceilings are designed to shrink and drop away in the event of a fire allowing the fire suppression system to operate as required. It may be used for instal- lation under fire suppression systems with an activation temperature of 165°F.



Panels are supported on a ledge that is electronically activated through integrating with your existing smoke, heat or flame detection system.



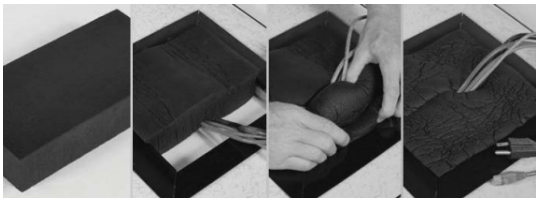
When sensors are activated the ledge supporting the panels is released dropping the panels out of the way, allowing fire suppression to take over.

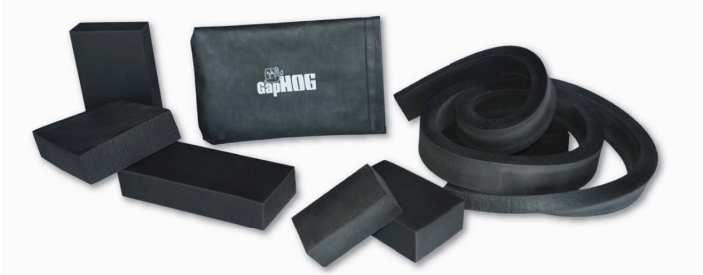
Mechanical Drop-Away (smoke activated)

Mechanical Drop-Away Ceiling is a new product in containment. This system provides the ability to remove the ceiling panels prior to the engagement of any fire suppression system, in accordance to NFPA 75-76 standards.

Want to stop even more chilled air from escaping?

GapHOG™ products keep chilled air from escaping into odd spots where it is not used; such as above, below and in-between data center hardware or into hot aisles through data center flooring.





Features

- Fills gaps between data center racks
- Fire and chemical retardant coating
- Made for unusual openings and gaps for maximum containment
- Efficient and easy custom installation
- Customizable to fill gaps of any size: Available in IceStripps™ or IglooBlokks™