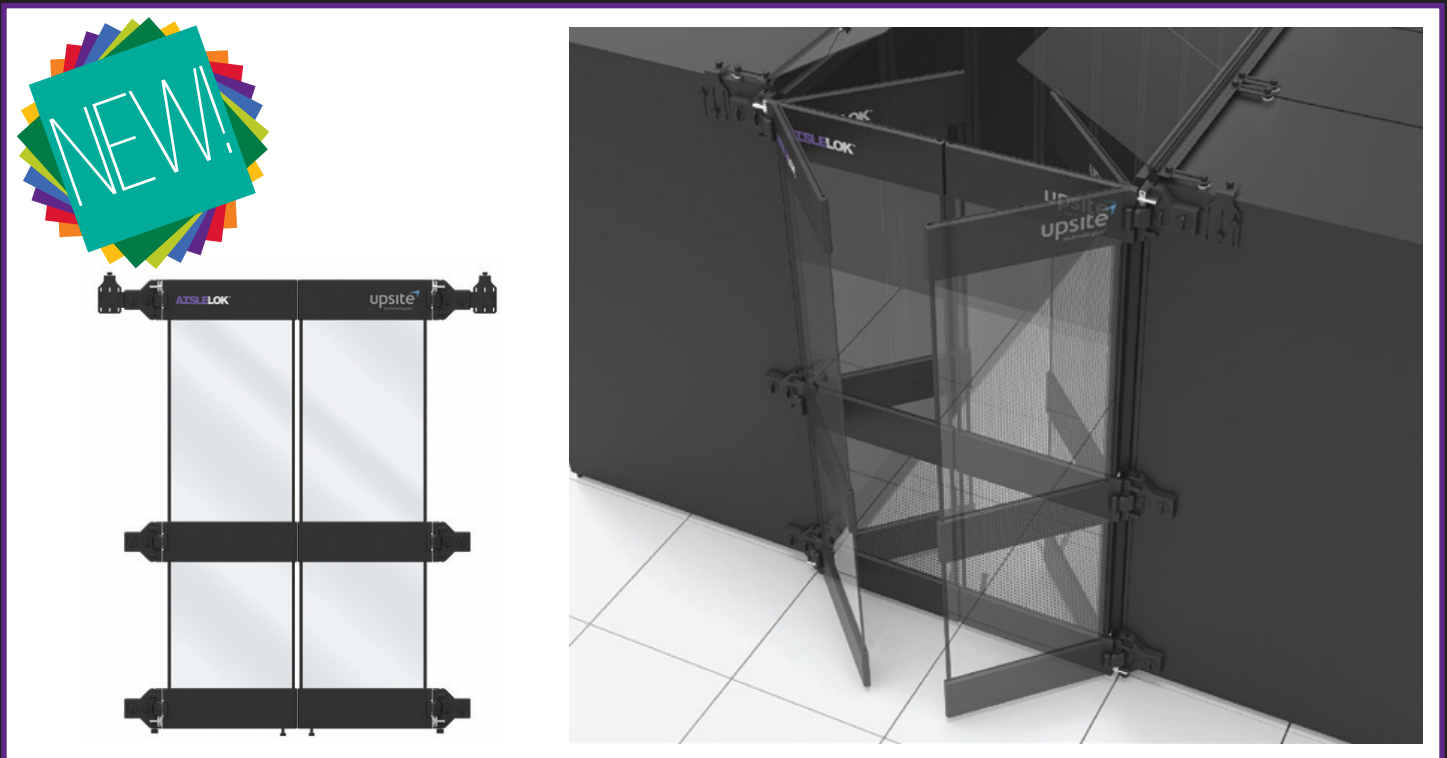




# product spotlight

## AISLELOK® MODULAR CONTAINMENT BI-DIRECTIONAL DOORS

The AisleLok® Bi-Directional Doors are a key component in Upsite Technologies' AisleLok® Modular Containment solution. The doors can be used with or without the AisleLok® Rack Top Baffles; however, for maximum benefit both products are recommended. Simple installation and modular design allows doors to easily be removed, relocated, or repositioned as your computer room evolves.

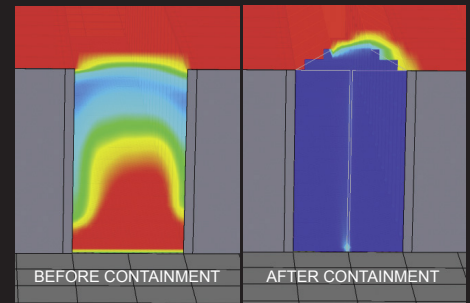


### FEATURES

- Standardized off-the-shelf design, available in common rack heights.
- No tools required for installation; attaches directly to the side of the end-aisle cabinet using twist-locking magnets.
- See-through doors provide maximum visibility in and out of the aisle.
- Consists of matching LH and RH door panels with bi-directional swinging hinges.
- Hands-free operation allows equipment carts to be pushed directly through the doors without the need to first slide or swing open the doors by hand.
- Includes attached door stops to hold doors open as needed.
- UL94 flame rated materials (see reverse for details).

## BENEFITS

- Supports reduced energy costs by providing the opportunity to increase set point temperatures and/or turn off cooling units or reduce fan speeds.
- Supports increased reliability and availability of IT equipment by reducing server intake temperatures.
- Allows for higher rack densities.
- Prevents hot air recirculation.
- Lower initial cost than traditional containment.
- Modular design and out-of-the-box installation does not require 3<sup>rd</sup> party design, engineering, or construction which minimizes computer room disruption.



CFD analysis shows a significant reduction in hot air recirculation when Bi-Directional Doors are applied in conjunction with Rack Top Baffles at the end of the cold aisle.

## PART NO.

## DESCRIPTION

GLAL10163-42	48" x 42U Bi-Directional Doors; 34.25" x 4" x 78"; 1 set (2 doors); 72 lbs.
GLAL10163-45	48" x 45U Bi-Directional Doors; 34.25" x 4" x 83.25"; 1 set (2 doors); 74 lbs.
GLAL10163-48	48" x 48U Bi-Directional Doors; 34.25" x 4" x 88.5"; 1 set (2 doors); 76 lbs.

## SPECIFICATIONS

- Designed for 48" wide aisles, but can also provide benefits for wider aisles.
- The AisleLok® Bi-Directional Doors are suitable for most enclosed cabinets with steel side panels.
- The AisleLok® Bi-Directional Doors require a minimum 6" clearance from the front edge of the cabinet along its entire height for the hinges to attach.

## MATERIAL

- Features a clear polycarbonate panel mounted to PC/ABS molded plastic panels and supports.

## FIRE RATING

- AisleLok® Modular Containment components are designed with UL94 flammability rated materials. The open-sealing architecture of AisleLok® was designed to be compliant with data center fire codes. Approval for using the AisleLok® Modular Containment solution may vary greatly at the state and local level. As with the installation of any containment method, the final approval for compliance resides with the local authority having jurisdiction (AHJ).

## PATENT

- U.S. and International patents pending.

AisleLok® Modular Containment is the industry's first modular containment solution designed to offer the airflow management benefits of hot and/or cold aisle isolation, but with greater flexibility and price value than traditional containment solutions. The AisleLok® Modular Containment solution is comprised of Rack Top Baffles, Bi-Directional Doors, and the Adjustable Rack Gap Panel.

AisleLok® is a registered trademark of Upsite Technologies.

[WeRackYourWorld.com](http://WeRackYourWorld.com)

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