



# product spotlight

## AISLELOK® MODULAR CONTAINMENT RACK TOP BAFFLE

The AisleLok® Rack Top Baffles are a key component of Upsite Technologies' AisleLok® Modular Containment solution and are available in two configurations: Angular (30° from horizontal) and Vertical (90° from horizontal). Simple installation and modular design allows AisleLok® Modular Containment components to easily be removed, relocated, repositioned, and reused as your data center needs change.

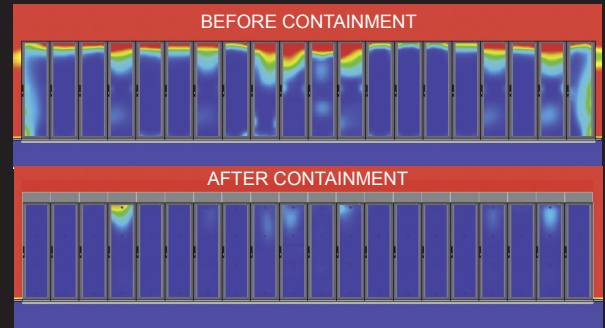


### FEATURES

- The Angular Baffles are designed for cold aisle application, and Vertical Baffles for hot aisle application.
- Fits common rack widths, allowing for easy, off-the-shelf ordering.
- Can be installed directly out-of-the-box without any tools.
- Attaches directly to top of the rack magnetically.
- Clear material construction provides maximum light transmissibility.
- Adjustable magnetic mounting tails can be positioned to fit the top of most cabinets.
- Baffles can be reconfigured to either a vertical or angular application as needed.
- Does not interfere with most overhead cabling configurations.
- UL94 flammability 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.
- Flexible design allows the containment system to adapt as the computer room evolves.
- 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 evenly distributed temperatures and reduced hot spots after the installation of Rack Top Angle Baffles in the cold aisle.

## PART NO.

## DESCRIPTION

GLAL10160-24	Rack Top Angle Baffle for 24"W cabinet; 23.6"W x 22.5"D x 10.9"H; Weight 13 lbs.
GLAL10161-24	Rack Top Vertical Baffle for 24"W cabinet; 23.6"W X 7"D X 19.8"H; Weight 13 lbs.
GLAL10160-30	Rack Top Angle Baffle for 30"W cabinet; 29.5"W x 22.5"D x 10.9"H; Weight 14 lbs.
GLAL10161-30	Rack Top Vertical Baffle for 30"W cabinet; 29.5"W X 7"D X 19.8"H; Weight 14 lbs.
GLAL10160-31.5	Rack Top Angle Baffle for 31.5"W cabinet; 31.25"W x 22.5"D x 10.9"H; Weight 15 lbs.
GLAL10161-31.5	Rack Top Vertical Baffle for 31.5"W cabinet; 31.25"W X 7"D X 19.8"H; Weight 15 lbs.

## SPECIFICATIONS

- The Rack Top Angle Baffles will overhang the aisle up to 15".
- The Rack Top Vertical Baffles do not overhang the aisle.
- Both Rack Top Baffles require a minimum of 1 inch unobstructed depth across the entire front edge of the cabinet for secure attachment.
- Additionally, the two attachment fixtures on each baffle require a 1.5" x 5.5" unobstructed area on the top of the cabinet. These attachment mounts allow a high degree of flexibility across the top of the cabinet to work around obstructions.
- The Rack Top Baffles are suitable for most standard width cabinets with solid, perforated or semi-solid steel tops. The baffles will not work with aluminum framed cabinets or open framed racks.

## MATERIAL

- The AisleLok® Rack Top Baffle features a clear polycarbonate panel mounted to a rigid PVC extrusion base. The magnetic tails are constructed of a PC/ABS material.

## FIRE RATING

- Fire Rating AisleLok® Modular Containment components are designed with UL94 flammability rated materials. The AisleLok® Modular Containment solution is suitable in most data centers using gaseous fire suppression systems. 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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