

# ANGLE/VERTICAL BAFFLE



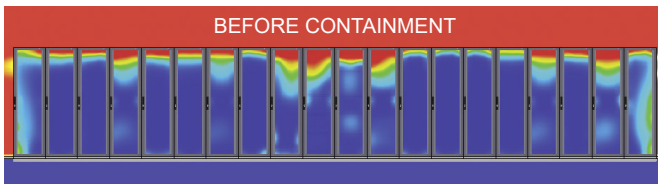
The AisleLok® Rack Baffles are a key component of Upsite's AisleLok® Modular Containment solution. Use top angle baffles (pictured left) for cold aisle applications and top vertical baffles (pictured right) for hot aisle applications.

Part No.	Description
GL10160-24	Rack Top Angle Baffle, 23.6"W X 22.5"D X 10.9"H
GL10160-27.5	Rack Top Angle Baffle, 27.45"W x 22.5"D x 10.9"H
GL10240-30	Rack Top Angle Baffle, 29.5"W X 22.5"D X 10.9"H
GL10240-31.5	Rack Top Angle Baffle, 31.25"W X 22.5"D X 10.9"H
GL10161-24	Rack Top Vertical Baffle, 23.6"W X 7"D X 19.8"H
GL10161-27.5	Rack Top Vertical Baffle, 27.45"W x 7"D x 19.8"H
GL10241-30	Rack Top Vertical Baffle, 29.5"W X 7"D X 19.8"H
GL10241-31.5	Rack Top Vertical Baffle, 31.25"W X 7"D X 19.8"H

Modular Containment - Standard parts ready to ship when you need a fast solution!

## FEATURES

- Fits common rack widths, allowing for off-the-shelf ordering
- Installs directly out-of-the-box without any tools
- Attaches directly to top of the rack magnetically
- No assembly or configuration required for cabinet to cabinet use
- 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 as needed
- Does not interfere with most overhead cabling configurations
- UL94 flammability rated materials



CFD analysis shows evenly distributed temperatures and reduced hot spots after the installation of Rack Top Angle Baffles in the cold aisle.

## BENEFITS

- Supports reduced energy costs
- 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 3rd party design, engineering, or construction, which minimizes computer room disruption

## 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

## INSTALLATION

- 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 2 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

## FIRE RATING

- The 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.