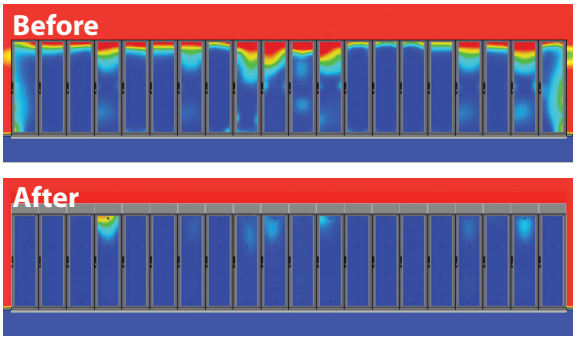
RACK TOP BAFFLE

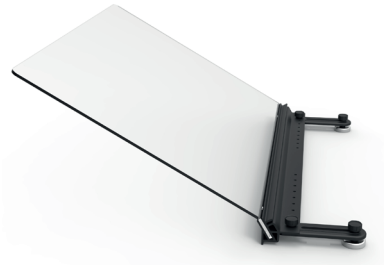
Application

The AisleLok® Rack Top Baffles are a key component of Upsite's AisleLok® Modular Containment solution and are available in two configurations: Angular (30° from horizontal) and Vertical (90° from horizontal).

- The Angular Baffles are designed for cold aisle application, and Vertical Baffles for hot aisle application.
- Quick and easy magnetic mounting allows for a fully deployed containment solution in minutes, with minimal disruption to the computer room.
- Simple installation and modular design allows AisleLok® Modular Containment components to easily be removed, relocated, repositioned, and reused as your data centre needs change.



PRODUCT OVERVIEW


Angle


Vertical

Part Numbers

46-10160-24	600mm (24") Rack Top Angle Baffle
46-10161-24	600mm (24") Rack Top Vertical Baffle
46-10160-27.5	700mm (27.5") Rack Top Angle Baffle
46-10161-27.5	700mm (27.5") Rack Top Vertical Baffle
46-10160-30	750mm (30") Rack Top Angle Baffle
46-10161-30	750mm (30") Rack Top Vertical Baffle
46-10160-31.5	800mm (31.5") Rack Top Angle Baffle
46-10161-31.5	800mm (31.5") Rack Top Vertical Baffle

Features

- 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, for plug and play installation.
- Clear material construction provides maximum light transmissibility.
- Adjustable magnetic mounting tails can be positioned to fit the top of most cabinets.
- Baffles can be re-configured to either a vertical or angular application as needed.
- Does not interfere with most overhead cabling configurations.
- UL94V flammability rated materials.

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 3rd party design, engineering, or construction, which minimises computer room disruption.

RACK TOP BAFFLE

Specifications

Baffle	Measures (W x D x H)	Fits
600mm Rack Top Angle Baffle	599mm x 572mm x 277mm	600mm (24") Wide Cabinets
600mm Rack Top Vertical Baffle	599mm x 178mm x 503mm	600mm (24") Wide Cabinets
700mm Rack Top Angle Baffle	697mm x 572mm x 277mm	700mm (27.5") Wide Cabinets
700mm Rack Top Vertical Baffle	697mm x 178mm x 503mm	700mm (27.5") Wide Cabinets
750mm Rack Top Angle Baffle	749mm x 572mm x 277mm	750mm (30") Wide Cabinets
750mm Rack Top Vertical Baffle	749mm x 178mm x 503mm	750mm (30") Wide Cabinets
800mm Rack Top Angle Baffle	794mm x 572mm x 277mm	800mm (31.5") Wide Cabinets
800mm Rack Top Vertical Baffle	794mm x 178mm x 503mm	800mm (31.5") Wide Cabinets

- The Rack Top Angle Baffles will overhang the aisle up to 381mm (15").
- The Rack Top Vertical Baffles do not overhang the aisle.
- Both Rack Top Baffles require a minimum of 25.4mm (1") unobstructed depth across the entire front edge of the cabinet for secure attachment.
- Additionally, the 2 attachment fixtures on each baffle require a 38mm x 140mm (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 aluminium 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.

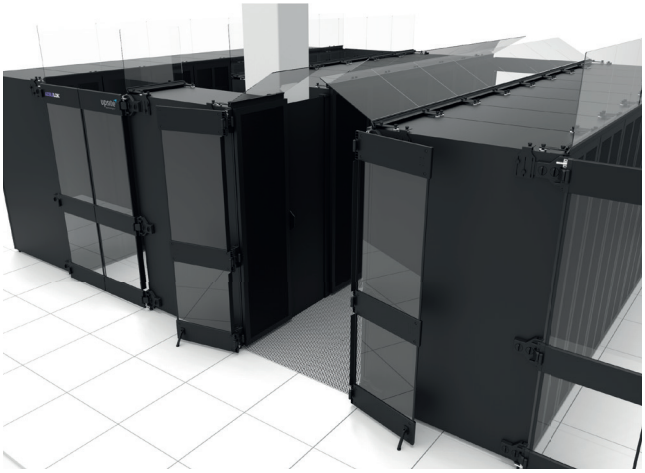
Patent

- U.S. and international patents pending.

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Fire Rating

- AisleLok® Modular Containment components are designed with UL94V flammability rated materials.
- The AisleLok® Modular Containment solution is suitable in most data centres using gaseous fire suppression systems.



AisleLok® Modular Containment

AisleLok® Modular Containment is an out-of-the-box modular aisle containment solution designed to offer the airflow management benefits of hot and/or cold aisle isolation, but with greater flexibility and plug and play installation. The AisleLok® Modular Containment solution is comprised of Rack Top Baffles, Bi-Directional Doors, and the Adjustable Rack Gap Panel.