

## SLIDINGDOORS

**ATSLELOK**

Part Numbers (see Specifications table)



Sliding Doors with Adjustable Mounting Post



Sliding Doors with Optional Transom Window

### Applications

The Sliding Doors are suitable for either hot or cold aisle containment, for a variety of aisle widths and heights. They are easily installed, removed, and relocated as computer rooms change and evolve. For use in both raised floor and slab-style data center environments.

The Upsite® Sliding Doors are designed for easy, tool-less installation with exclusive Magswitch® non-electric, switchable magnets. The Sliding Doors are elegantly executed with smooth operation and durable construction. The Sliding Doors are a vital part of the AisleLok® Modular Containment solution. The Upsite Sliding Doors work with other AisleLok containment products, such as Rack Top Baffles, allowing for the maximum benefit of airflow management best practices.

An optional Transom Window can be paired with the Sliding Doors to increase the effective height.

### Benefits

- Reduces IT equipment intake temperatures, improving equipment life & reliability
- Tool-less design allows for easy installation, removal, and re-installation
- No drilling required in racks or cabinets
- Containment in minutes without the need for contract labor (see installation video)
- Large see-thru door panels increase safety and security
- Facilitates the reduction of operating costs by improving thermal separation

### Features

- Containment for either hot or cold aisle
- Solution for new builds and retrofit data centers
- Modular design accommodates aisles up to 6'6" wide and any cabinet 76 inches and taller
- Tool-less installation with exclusive Magswitch Technology. Optional mechanical installation
- Doors slide closed with gravity
- Available in black or white



## Specifications

Part Number	Description	Shipping Dimensions	Quantity per Carton	Shipping Weight
<b>Sliding Doors</b>				
10155-450	4' Sliding Doors, 85.4" height (~42U to 45U), Pair, Black, UL94H-B	34" x 88" x 12.5" 864 x 2235 x 318 mm	1 set	170 lbs
10155-650	6' Sliding Doors, 85.4" height (~42U to 45U), Pair, Black, UL94H-B	46" x 88" x 12.5" 1169 x 2235 x 318 mm	1 set	200 lbs
10255-450	4' Sliding Doors, 85.4" height (~42U to 45U), Pair, White, UL94H-B	34" x 88" x 12.5" 864 x 2235 x 318 mm	1 set	170 lbs
10255-650	6' Sliding Doors, 85.4" height (~42U to 45U), Pair, White, UL94H-B	46" x 88" x 12.5" 1169 x 407 x 318 mm	1 set	200 lbs
<b>Transom Windows</b>				
20155-450	4' Sliding Door Transom Window, adds 8.75" (222 mm) to door height (~50U), Black, UL94H-B	66" x 16" x 2" 1677 x 2235 x 51 mm	1	18 lbs
20155-650	6' Sliding Door Transom Window, adds 8.75" (222 mm) to door height (~50U), Black, UL94H-B	99" x 16" x 2" 2515 x 406 x 51mm	1	23 lbs
20255-450	4' Sliding Door Transom Window, adds 8.75" (222 mm) to door height (~50U), White, UL94H-B	66" x 16" x 2" 1677 x 2235 x 51 mm	1	18 lbs
20255-650	6' Sliding Door Transom Window, adds 8.75" (222 mm) to door height (~50U), White, UL94H-B	99" x 16" x 2" 2515 x 406 x 51mm	1	23 lbs

## Materials

UL94H-B polycarbonate window panels, extruded aluminium support structure, Magswitch Technologies magnetic attachments.

Note: UL94V-O and FM 4910 fire ratings are available. Call for a quote.

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## Sealing Effectiveness

- Two designs. A 4' wide version seals aisles from 3'10" (1168 mm) to 4'6" (1372 mm) and a 6' wide version seals aisles from 5'10" (1778 mm) to 6'6" (1981 mm). Custom solutions can also provide benefits for wider aisles.
- Works with a variety of cabinets 76" (1930 mm) and taller.
- Sliding Doors attach magnetically on steel frame cabinets. Aluminum cabinets can use a mechanical attachment method
- Sliding Doors work with our Adjustable Mounting Post (item #10169) for applications where a cabinet is not present.
- Custom height Transom Windows are available.

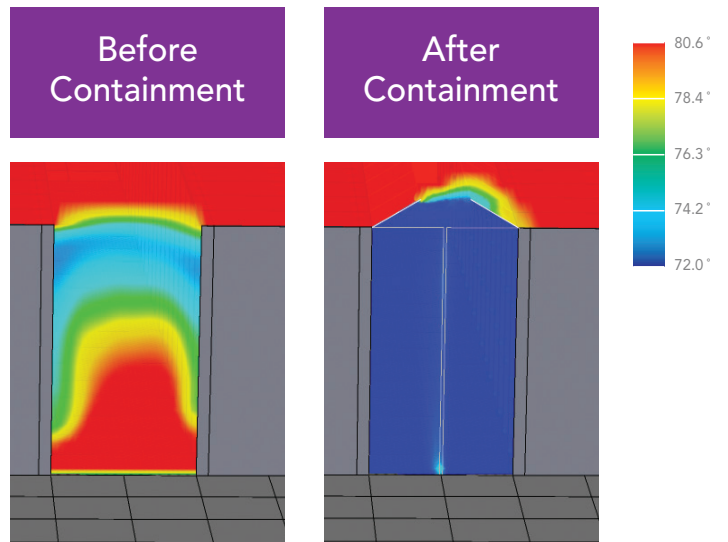
## Panel Flammability Rating

We've designed the Upsite Technologies® Sliding Doors to accept panels with a variety of flammability ratings - UL 94 HB, UL 94 V-0 (custom), or FM 4910 (custom). The architecture of the Sliding Doors was designed to be compliant with data center fire codes. Approval for using any AisleLok® Modular Containment solution may vary significantly 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).

## AisleLok® Modular Containment

AisleLok Modular Containment is the industry's first tool-less modular containment solution designed to offer the airflow management benefits of hot and cold aisle isolation, but with higher flexibility and price value than traditional containment solutions. AisleLok Modular Containment solutions include:

- Rack Top Baffles
- Sliding Doors or Bi-Directional Doors
- Under Rack Panels
- Adjustable Rack Gap Panel
- Adjustable Mounting Post.



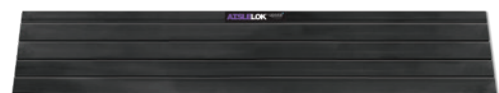
CFD analysis shows a significant reduction in hot air recirculation when aisle-end doors are applied in conjunction with Rack Top Baffles at the end of the cold aisle.



Rack Top Vertical Baffle



Rack Top Angled Baffle



Magnetic Under Rack Panels



Adjustable Rack Gap Panel



Adjustable Mounting Post

