

AisleLok[®] Rigid Containment Rack Top Ceiling

Part Number

10260

Designed to fit common cabinet dimensions and aisle widths. All aisle lengths can be easily accommodated. Contact us for a quote.

Application

The AisleLok® Rack Top Ceiling is a key component of Upsite's Rigid Containment solution.

- The Rack Top Ceiling is designed for cold aisle applications with raised floor supply. With in-row cooling, the Rack Top Ceiling can be used on either hot aisles or cold aisles.
- Structural frame assembles with a single hand tool and are magnetically mounted to cabinets, allowing for a quick and easy installation with minimal disruption to the computer room.
- Drop away ceiling panels are easily set into and are magnetically attached to the structural frame.

Features

- Standard sizes fit common rack widths and aisle lengths while custom widths and lengths can be easily accommodated.
- Magnetic drop away panels allow for tool-less removal and replacement for easy overhead access.
- Can be easily installed directly out-of-the-box with a single hand tool.
- Frames are held in place with magnetic attachments, and backed up with cable tethers.
- Class A fire rated materials are approved for installation beneath sprinkler systems.
- Panels become soft and drop out of the frame before sprinklers activate.



Benefits

- Separates supply and return airflow paths.
- Supports efficient data center operation with tool-less access through ceiling system.
- Supports the highest level of containment for maximum efficiency.
- 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.

Specifications

Designed to fit common cabinet dimensions and aisle widths. All aisle lengths can be easily accommodated. Contact us for a quote.

| Part Number | Description | Dimensions | Panel Material | Panel Color | Frame Material | Frame Color |
|-------------|---------------|------------|----------------------|----------------|-------------------|----------------------------|
| 10260 | Aisle Ceiling | As needed | Celiume Drop Away | Clear | Aluminum | Clear or Black Anodized |

Materials

- Drop away panels are made of Ceilume[®] heat activated rigid vinyl material.
- Structural frames (posts, brackets, and other mounting components) are made of aluminum.

Fire Rating and Compliance

- Fire Rating: Flame-rated materials are used in the construction of AisleLok[®] Rigid Containment products.
- Compliance: RoHS Compliant

AisleLok[®] Rigid Containment

AisleLok® Rigid Containment is the industry's most innovative containment solution designed to offer the highest level of airflow management benefits in hot and/or cold aisle isolation, but with greater functionality and ease than traditional containment solutions. The AisleLok® Rigid Containment solution is comprised of Rack Top Ceilings, Rack Top Chimneys, Cooling Unit Extensions, and Swing Doors.



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