ATSLELOK®

AisleLok® Rigid Containment Rack Top Chimney

Part Number

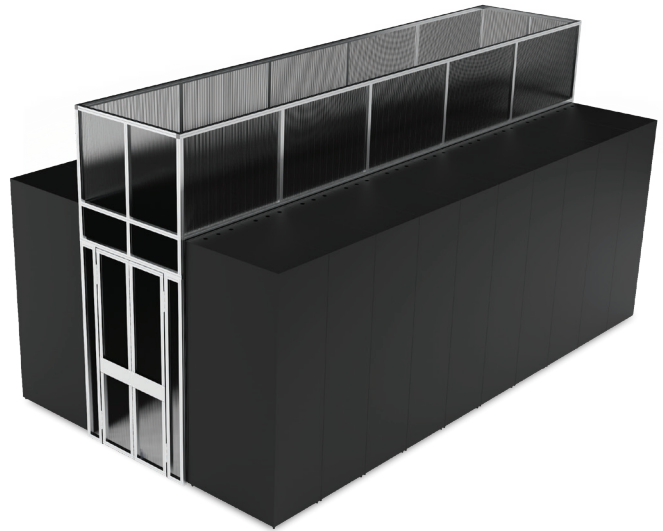|	
10261-04-020-03-CL-TW	4' x 20' x 3'
10261-04-020-03-BK-TW	4' x 20' x 3'
10261-06-020-03-CL-TW	6' x 20' x 3'
10261-06-020-03-BK-TW	6' x 20' x 3'

Application

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

- The Rack Top Chimney is designed for hot aisle applications to fully duct air to ceiling plenum return or direct exhaust vertically in non-fully ducted applications.

- The Rack Top Chimney can also be used in cold aisle applications to capture supply air from overhead ducted supply.

- 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.

- Panels are held in place by the structural frame and are available in a variety of materials and colors.

Features

- Standard sizes fit common rack widths and aisle lengths while custom widths and lengths can be easily accommodated.

- Can be easily installed directly out-of-the-box with a single hand tool.

- Structural frame is magnetically attached to cabinets, and backed up with cable tethers.

- Structural frame can also be suspended from the building's structural ceiling.

- Panels are available in a variety of opaque aluminum composite material (ACM) and are standard in black or white with other colors available; clear solid or translucent twin-wall polycarbonate material is also available as a standard option.

Benefits

- Separates supply and return airflow paths.

- 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

Part Number	Description	Dimensions	Panel Material	Panel Color	Frame Material	Frame Color
10261-04-020-03-CL-TW	Aisle Chimney	4' x 20' x 3'	Twinwall	Clear	Aluminum	Clear Anodized
10261-04-020-03-BK-TW	Aisle Chimney	4' x 20' x 3'	Twinwall	Clear	Aluminum	Black Anodized
10261-06-020-03-CL-TW	Aisle Chimney	6' x 20' x 3'	Twinwall	Clear	Aluminum	Clear Anodized
10261-06-020-03-BK-TW	Aisle Chimney	6' x 20' x 3'	Twinwall	Clear	Aluminum	Black Anodized

Materials

- Panels are made of aluminum composite material (ACM) or twin-wall polycarbonate material.
- Structural frames (posts, brackets, and other mounting components) are made of aluminum.

Fire Rating and Compliance

- Fire Rating: Flame-rated materials (ACM Fire Rated Class A, FM Class 4651, UL 94 V-0, and ASTM E-84) 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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