

ATISLELOK®

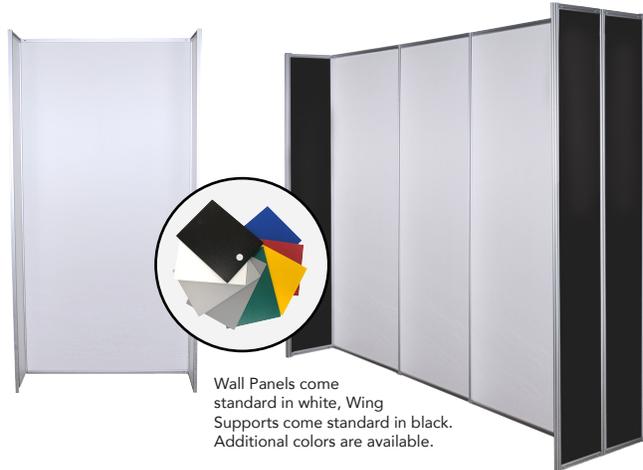
AisleLok® Modular Wall

Part Number

MW4040-04	4' Modular Wall (8' H (2440mm))
MW4040-08	8' Modular Wall (8' H (2440mm))
MW4040-12	12' Modular Wall (8' H (2440mm))
MW4040-16	16' Modular Wall (8' H (2440mm))
MW4040-20	20' Modular Wall (8' H (2440mm))

4' Modular Wall

12' Modular Wall



Applications

The AisleLok® Modular Wall is an ideal solution for creating separation between hot aisles, cold aisles, and other areas of a data center to help contain and manage airflow. The Modular Wall comes in five standard lengths of 4', 8', 12', 16', and 20' and a standard height of 8', but can also be purchased in various custom lengths and heights (call us at 888.982.7800 for availability).

- Can be secured to the ceiling, floor and existing walls with the included L-brackets.
- Can also be secured on cabinets or other metallic surfaces with included magnetic attachment kits.
- On straight run walls where there are no ceiling attachments, a 13" wide wing wall is used for support on each side of the wall every 12 linear feet.
- Can be installed with our AisleLok® Adjustable Mounting Post when a cabinet at the end of an aisle is missing, causing uneven aisle lengths.
- Total installation time varies by size, but is typically 15-20 minutes for a 12' section.

Features

- The AisleLok® Modular Wall is a temporary and lightweight aluminum structure that allows for quick installation, removal and reinstallation, but is also durable and attractive enough for long term installations.
- Requires minimal tools to assemble and install (tools are included with each order).
- Additional panels can be added after the original assembly/installation to make the structure wider or taller for new applications.
- Can accommodate virtually any room/aisle configuration.
- Comes standard in white or black, but is also available in red, blue, yellow, green, or gray for custom orders.
- Flame-rated materials (ACM Fire Rated Class A and ASTM E-84).
- Standard 3mm thick aluminum composite material (ACM). Panels are also available in 4mm twin wall polycarbonate.

Benefits

- Improves airflow management by creating separation between hot aisles, cold aisles, and other areas of the data center.
- Supports reduced energy costs and increased cooling capacity by providing the opportunity to increase set point temperatures and/or turn off cooling units or reduce fan

Specifications

Part Number	Description	Dimensions	Components Included	Shipping Weight
MW4040-04	4' Modular Wall	4' x 2'-3.5" x 8' (1219mm x 698mm x 2440mm)	4' Wall Panels (1) 13" Wing Supports (4)	160 lbs.
MW4040-08	8' Modular Wall	8' x 2'-3.5" x 8' (2438mm x 698mm x 2440mm)	4' Wall Panels (2) 13" Wing Supports (4)	220 lbs.
MW4040-12	12' Modular Wall	12' x 2'-3.5" x 8' (3657mm x 698mm x 2440mm)	4' Wall Panels (3) 13" Wing Supports (4)	250 lbs.
MW4040-16	16' Modular Wall	16' x 2'-3.5" x 8' (4876mm x 698mm x 2440mm)	4' Wall Panels (4) 13" Wing Supports (6)	280 lbs.
MW4040-20	20' Modular Wall	20' x 2'-3.5" x 8' (6095mm x 698mm x 2440mm)	4' Wall Panels (5) 13" Wing Supports (6)	335 lbs.

Custom lengths, heights, and colors can also be purchased (please call us at 888.982.7800 for availability).

- Includes 4 magnetic attachment kits that can be configured in various positions to accommodate different cabinet styles and other metallic surfaces.
- Includes an additional hardware kit with brackets and tethers to secure to a fixed rigid structure for more support.

Use

- The AisleLok® Modular Wall is a flexible solution that can be used for either hot aisle or cold aisle containment, free standing walls for computer room/cage separation, and any other location where a structure is necessary to manage and/or contain airflow.
- The AisleLok® Modular Wall can be used when an adjacent row of cabinets is missing (often the last row of the room) to form a complete hot or cold aisle.
- It can also be used to fill extended gaps in cabinet rows where multiple cabinets are missing to complete a hot or cold aisle.
- For hot aisle containment, The AisleLok® Modular Wall can be used as a chimney/duct from the tops of cabinets to the ceiling plenum.
- In colocation environments or other computer rooms that are access controlled, the AisleLok® Modular Wall can serve as a physical barrier to restrict access.

Materials

- Standard Wall Panels are made of fire rated aluminum composite material (ACM).
- Frames (posts, brackets, and other mounting components) are made of aluminum.
- Flame-rated materials (ACM Fire Rated Class A and ASTM E-84) are used in the construction of the AisleLok® Modular Wall.

AisleLok® Modular Containment

AisleLok® Modular Containment is the industry's first modular containment solution designed to offer the airflow management benefits of hot and/or cold aisle isolation, but with greater flexibility and price value than traditional containment solutions. The AisleLok® Modular Containment solution is comprised of Rack Top Baffles, Sliding Doors/Bi-Directional Doors, Modular Walls, and Adjustable Rack Gap Panels.



Designer and Manufacturer
888.982.7800
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