

Hot & Cold Aisle Containment System

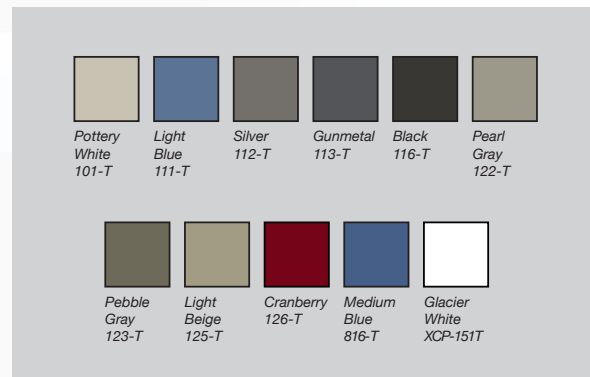


The Hot Aisle and Cold Aisle Containment System prevents air mixing and establish separation of hot exhausted air, and cold supplied air. This results in efficiently cooling the equipment and not the room. With these air separation paths in place, the system can deliver a consistent inlet temperature within ASHRAE A1 recommended ranges, providing dramatic savings in capital and operational costs year after year.

Specifications:

- Flexible design
- Cools the equipment and not the room
- No need for piping of water/coolants to racks
- Reduce your TCO and increase energy efficiency in the data center
- Stop hot/cold air mixing
- Limit inefficient oversupply of cold air
- Aluminum framing system and clear UL Rated PVC insert panels let in natural lighting into the containment aisles
- Works for both legacy and new data racks
- Available in 11 standard colors
- ROHS Compliant
- ISO9001 Certified
- 3 Year Warranty

Cabinet Color Options:



AMCO Enclosures offers standard color choices (up to 2 per console) for no extra charge. Custom colors are available and quoted upon request.

Overhead Chimney Solution

Isolating and containing the heat within the rack and directing it back into the overhead CRAC system is an effective passive cooling solution for high-density racks. Chimney solutions prevent hot and cold air mixing in the cabinet, as well as hot air recirculation to the front of the rack. These systems are cost-effective and efficient, reducing the cost of over-cooling your data center. Kit includes top panel, air deflector and top exhaust duct.



Top Duct Exhaust Kit (20" - 35")



Top Duct Exhaust Kit (35" - 60")

Included with Overhead Chimney Solution:



Top Panel without Cover Plate

Air Deflector

Top Duct Exhaust (Heights of 20" - 35" or 35" - 60")

Hot & Cold Aisle Containment System

Hot Aisle Solutions



Pivot Doors

Single Pivot Door
Double Pivot Door



Exhaust Duct



Sliding Doors

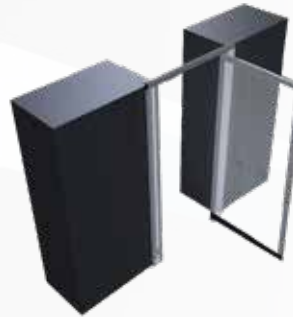
Single Sliding Door
(auto or manual close)

Double Sliding Door
(auto or manual close)

Mechanical Ceiling



Cold Aisle Solutions



Pivot Doors

Single Pivot Door
Double Pivot Door



Heat Activated Ceiling Tiles



Sliding Doors

Single Sliding Door
(auto or manual close)

Double Sliding Door
(auto or manual close)

Thermal Walls and Doors

