



RACK

AISLE CONTAINMENT SOLUTIONS

ST-Aisle Containment Solutions are flexible, feature-rich products for both hot and cold aisle containment that offers superior airflow management, resulting in reduced operating costs.

As manufacturers push the thermal envelope on servers and other critical IT equipment, cooling costs are on the rise. To counter this growth and reduce extraneous energy costs and power consumption, data center operators are increasingly turning to Aisle Containment Solutions to help optimize airflow, especially in those situations where cabinet-level isolation is untenable. With built-in flexibility and high quality engineering, ST-Aisle Containment Solutions easily adapt to challenges such as limited ceiling height and complex overhead pathways.



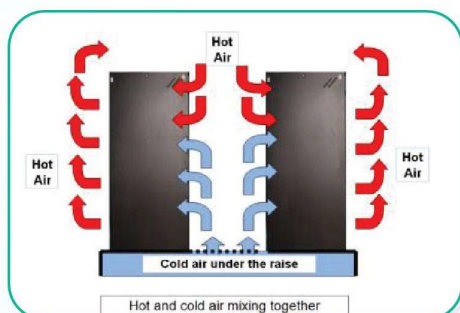
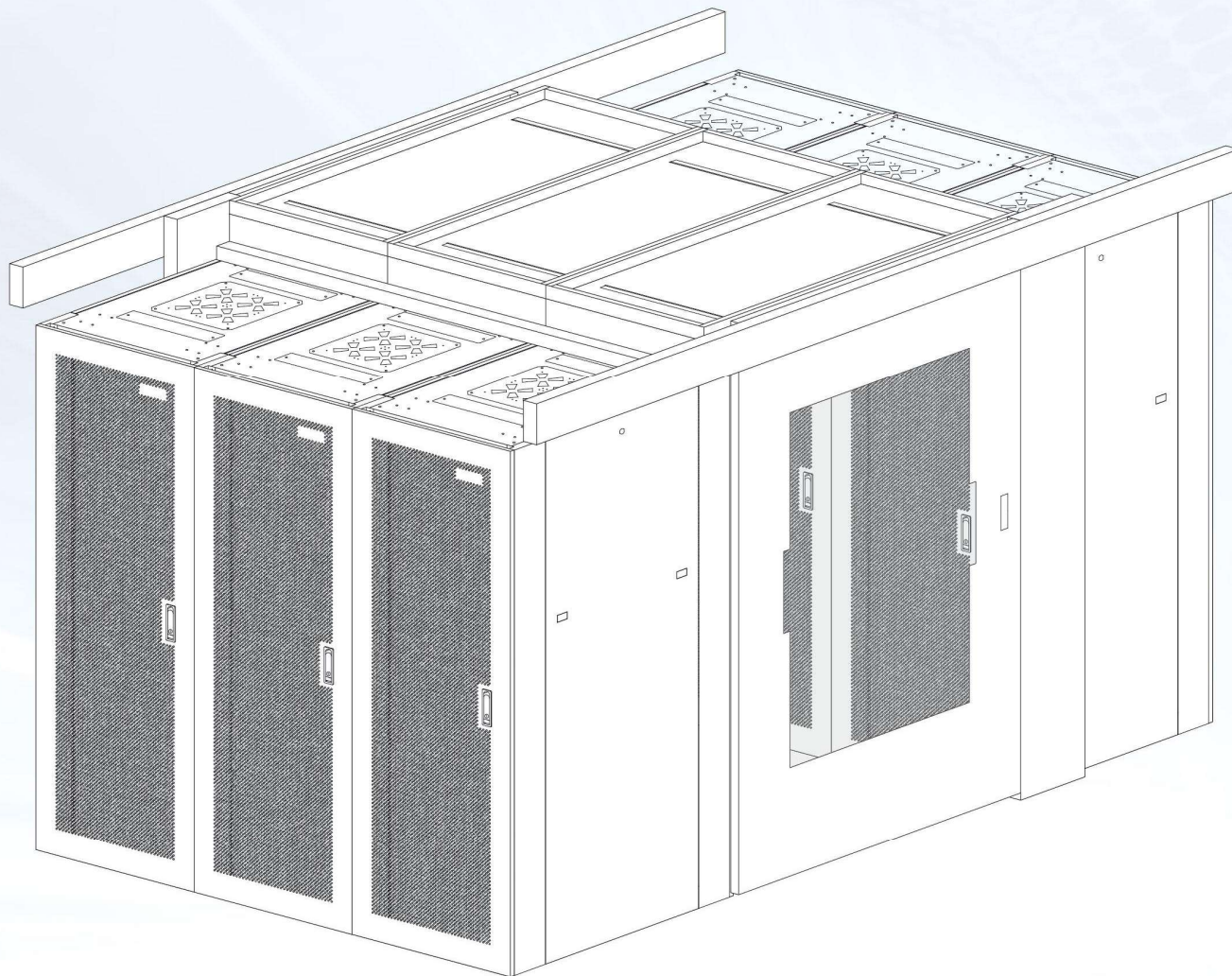
BENEFIT & FEATURES

- Reduces cost
- Eliminates hot spot
- Reduces waste of chilled bypass air
- Allows increased room temperature and higher set points on cooling equipment

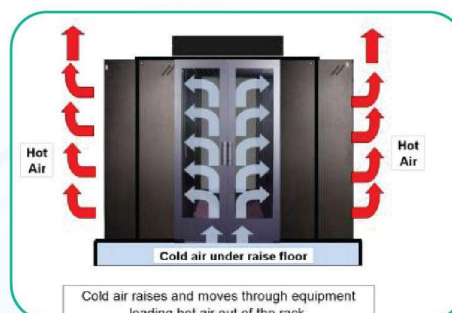


ADVANTAGES

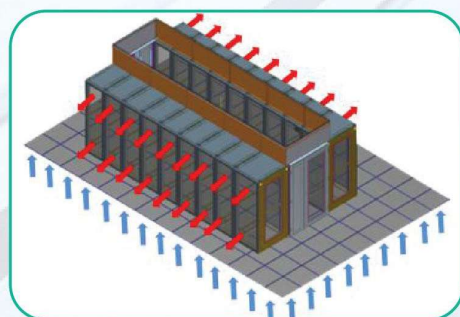
- Preventing 'air short circuits' (mixing of cold & hot air) thereby improving energy efficiency
- Uniform temperature across cabinet height (within containment)
- Increased heat dissipation & better heat management
- Reduction of operational expenditure (OPEX)
- Increases Mean Time Between Failure (MTBF) of equipment
- Cost saving solution
- Eliminating hot spots within the aisles



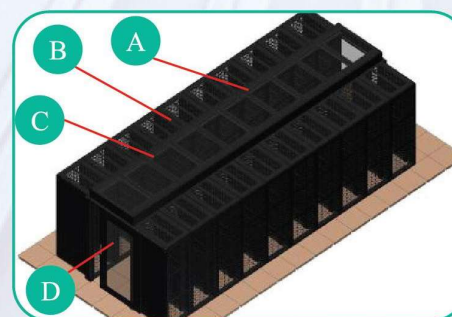
Without Cold Aisle Containment
(Elevation View)



With Cold Aisle Containment
(Elevation View)



Without Cold Aisle Containment
(Perspective View)



With Cold Aisle Containment
(Perspective View)