

# Hot Aisle Containment

Row level thermal containment improving cooling efficiency and predictability to address zones and complete data center deployments.

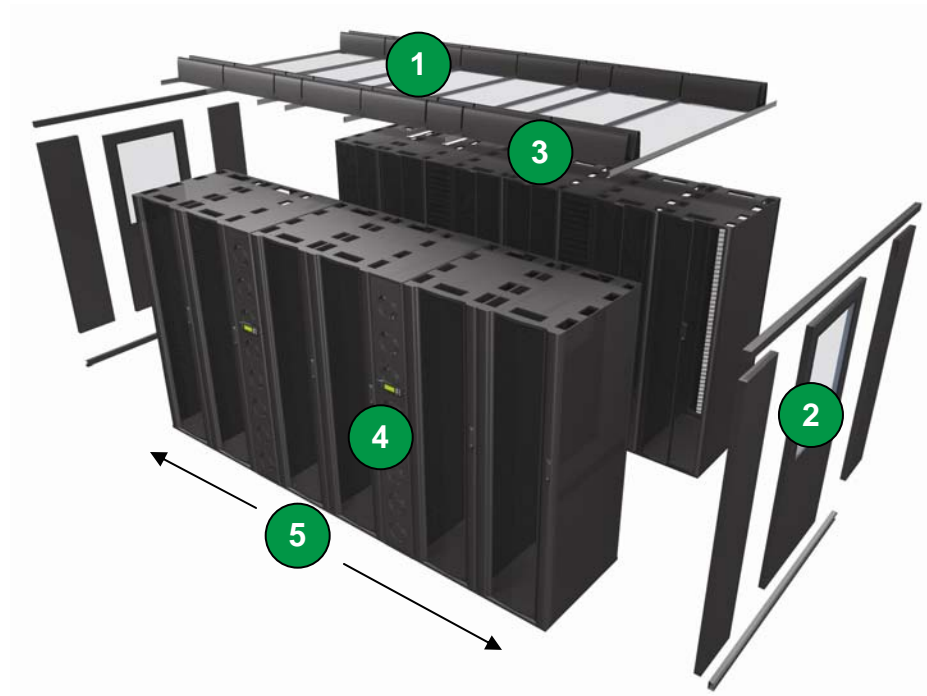
Supports 300, 600, and 750mm wide NetShelter Racks, UPS, PDU, and InRow Cooling Products



The Hot Aisle Containment system is a modular row-based thermal containment solution. Mixing of hot and cold air streams in the data center lowers availability of IT equipment. Returning the warmest possible air to the InRow cooling units increases the efficiency and capacity of the system. The hot aisle containment system ensures proper air distribution by completely separating supply and return air paths. The hot aisle is sealed off using doors and transparent ceiling tiles that extend the width of the hot aisle. Ceiling tiles are available for 300mm, 600mm, and 750mm wide NetShelter Racks, UPS, PDU, and InRow Cooling products.

- > Allows for higher density cooling to be achieved by integrating the Hot Aisle Containment system with InRow Cooling.
- > Prevents hot air recirculation into sensitive IT equipment.
- > Allows for quick deployment of high density clusters and addresses changing needs and future expansion with pay-as-you grow architecture.

# Hot Aisle Containment



- 1** Ceiling Tiles – Closes off the top of the hot aisle to prevent warm air from mixing with room air.
- 2** One-way locking door – Secures the hot aisle while allowing for quick exit in case of emergency.
- 3** Cable Access Brush Strips – Blocks air from escaping through holes surrounding cabling.
- 4** Scalable densities - Allow higher density cooling to be achieved by integrating the HACS with row-based cooling solutions.
- 5** Modular Design – Provides a flexible solution to add cooling as demand increases.



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