



Quality Products. Service Excellence.

Thermal Containment System *TCS Series*

The Thermal Containment System (TCS) Series is a factory customized panel system that is used to reduce or eliminate hot air and cold air from mixing. Typically used in new data centers, the TCS series can be customized to fit any ceiling height. By implementing thermal containment a facility manager can increase cooling efficiency and reduce facility operating costs.



The TCS Series was designed to fit our **CLC Cabinet Series** and **H1 Cabinet Series**. It can be installed upon cabinet delivery or added during future facility upgrades.

Standard Options Include:

- Hot/Cold aisle panels
- Dual sliding doors
- Cabinet filler panels



Specifications:

- Extruded aluminum panel frames.
- Lightweight multi-wall polycarbonate panel has been fire rated to CAN/ULC-S102.2 specifications.
- Foam used throughout containment assembly has been fire rated to UL94HF1 specifications.
- Aisle doors include integrated ball bearing nylon wheel for ease of movement.
- Panels include fire rated gasket material to air tight seal.
- Sliding Door is finished in textured black powder paint.
- RoHS Compliant.
- Manufactured in North America.



Thermal Containment Chimney:

For a popular and cost-effective method of containing heat in smaller computer rooms and data centers, consider the Thermal Containment Chimney (CLCH Series). The chimney is fastened to the top-rear of the cabinet and directs hot air from the cabinet into a ducted plenum (lowered T-bar ceiling). The main purpose of the chimney is to prevent the hot air from mixing with the cool air entering the front of the cabinets.

To learn more about the CLCH Series, [click here](#).

Containment Door

Part No.	Description	Overall Dimensions		
		Height	Width	Depth
HCS-DDR	Steel frame resting on bearing wheels include an aluminum handle	82.00	48.00	2.00

The above sizes are designed to fit our CL Series Cabinets. This product is intended to be customized for your unique facility dimensions. Contact your local Hammond for details.

Containment Door Components

Part No.	Overall Dimensions			Cabinet Depth
	Height	Width	Depth	
HCS-DTR	6.00	48.00	2.00	Works with All
HCS-DFG-36	3.00	36.00	3.00	36.00
HCS-DFG-42	3.00	42.00	3.00	42.00

Part No.	Overall Dimensions			Cabinet
	Height	Width	Depth	Depth
HCS-DFG-48	3.00	48.00	3.00	48.00

The above sizes are designed to fit our CL Series Cabinets. This product is intended to be customized for your unique facility dimensions. Contact your local Hammond for details.

Containment Panels

Part No.	Description	Overall Dimensions		
		Height	Width	Depth
HCS-TAP-2424	Individual Cabinet Vertical Aisle Panel	24.00	24.00	1.00
HCS-TAP-2448	Double Cabinet Vertical Aisle Panel	24.00	48.00	1.00
HCS-TEP-2248	Vertical Aisle End Panel (Above Door)	22.00	48.00	1.00
HCS-TIP-2448	Vertical Aisle End Panel (Completes Row without Door)	24.00	48.00	1.00
HCS-VCF-2482	Vertical Cabinet Panel (Fills the void where a cabinet would be placed)	82.25	24.00	1.00
HCS-HAP-2448	Horizontal Aisle Containment Panel (Contains two cabinets)	1.00	48.00	24.00

The above sizes are designed to fit our CL Series Cabinets. This product is intended to be customized for your unique facility dimensions. Contact your local Hammond for details.

Data subject to change without notice

© 2021. Hammond Manufacturing Ltd. All rights reserved.