Innovative design that is customized to your environment and scalable to meet your future needs
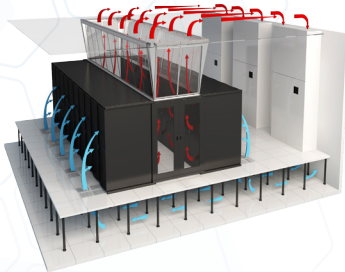
- Increases temperature differential at CRACs for improved efficiency
- Eliminates hot spots to prevent equipment overheating and failures
- Adaptable for either hot-aisle or cold-aisle containment
- Ducted, non-ducted and chimney systems for maximum flexibility
- Lightweight, transparent panels for easy handling and installation
- Field modifiable to meet varying height and space requirements
- Universal rail system to accommodate any cabinet size and style
- Attaches easily without placing undue stress on cabinets or ceiling grids
- Door options including swing or sliding to fit any application
- Smoke or fire alarm activated for early unobstructed fire suppression
- Fully resettable and testable panels improve safety and prevent damage

Hot-Aisle Containment

Non-ducted panels form a roof to trap hot return air for in-row cooling system efficiency and an overall cooler environment outside of the contained area.
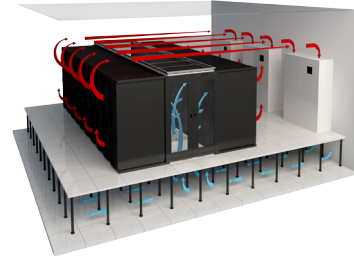
Ducted panels direct hot return air to overhead return plenum, eliminating mixing and improving overall operating efficiency of perimeter CRAC units.

Cold-Aisle Containment

For raised-floor environments with overhead obstructions or no ceiling plenum, non-ducted panels form a roof to trap cold air, enabling higher supply temperatures and maximizing available cooling.

Ducted panels extend to overhead ducted cooling systems in higher clearance environments, eliminating the need to use the underfloor space for supply air and enabling higher supply temperatures.

Fire Suppression Integration

Controlled by smoke and fire alarm systems, Belden containment panels angle away to ensure early and immediate unobstruction of critical fire suppression systems.

- Eliminates thermally-activated panels that fall or shrink
- Prevents the potential for hazards or equipment damage
- Works with all types of fire suppression systems
- Panels are fully resettable after an alarm event or testing

Cabinet Level Containment

The Belden Passive and Adaptive Enclosure Heat Containment (AEHC) system rounds out our containment offering with a highly efficient chimney that prevents mixing of hot and cold air at the cabinet level.

- Available in passive (up to 10kW) or active (up to 30kW)
- Through-ceiling and against-the-ceiling options
- Can be retrofitted to any Belden or non-Belden cabinet
- Active system neutralizes pressure for efficient server fan operation and can be networked for real-time data
- Hot swappable fans offer capacity of 10, 20 or 30kW

For more information on Aisle Containment call **1.800.BELDEN.1** (1.800.235.3361) or visit our web site at **http://info.belden.com/aisle-containment-system**.

Ordering Information

To use the configuration matrixes, make a selection from each category (some selections will require measurements) and combine to form a custom part number. See examples below.

Vertical Ducted Heat Containment

Part number example from configuration shown below: **XSAC114320032**

X	S		AC	1	1	43	200	3	2
Fixed	**Cabinet Series End[1]**		**Fixed**	**Hot Air/ Cold Air**	**Panel Orientation[2]**	**Vertical Panel[4]**	**Aisle Length**	**Aisle Width[4]**	**Door Options[5]**
	C	C-Series		1 — Hot-Aisle	1 — 24" Vertical Fixed Black	Measure the distance between the cabinet and ceiling in inches (Ceiling height - cabinet height)	Measure the aisle length in inches	1 — 48"	1 — Swing Door Black
	M	XM-Series		2 — Cold-Aisle	2 — 24" Vertical Fixed White			2 — 54"	2 — Swing Door White
	N	XN-Series			3 — 24" Vertical Hinged Black			3 — 60"	3 — Sliding Door Black
	S	XS-Series			4 — 24" Vertical Hinged White			4 — 66"	4 — Sliding Door White
	Z	Custom						5 — 72"	

Horizontal Non-ducted Heat Containment

Part number example from configuration shown below: **XSAC11052003333**

X	S		AC	1	105	200	3	3	3	3
Fixed	**Cabinet Series End[1]**		**Fixed**	**Hot Air/ Cold Air**	**Height Cabinet to Ceiling[4]**	**Aisle Length**	*Optional Exhaust Selection* **Panel Orientation[2]**		**Aisle Width[4]**	**Door Options[5]**
	C	C-Series		1 — Hot-Aisle	Measure the distance between the cabinet and ceiling in inches (Ceiling height - cabinet height)	Measure the aisle length in inches	0 — None	Enter a quantity for the previous selection 0-9	1 — 48"	1 — Swing Door Black
	M	XM-Series		2 — Cold-Aisle			1 — 10" fan		2 — 54"	2 — Swing Door White
	N	XN-Series					2 — Chimney Adapter		3 — 60"	3 — Sliding Door Black
	S	XS-Series					3 — AEHC Heat Containment		4 — 66"	4 — Sliding Door White
	Z	Custom							5 — 72"	

1) Enter the end of row cabinet for mounting door (requires top and side attachment points of customer cabinet). On-site modifications to customer cabinets may be required. 2) There will be a trim piece for panels under 24". 3) Pods will all come with solid horizontal panels unless using option 1. 4) Custom widths available on request. 5) Custom colors available on request.

Data Center Ready

BELDEN   Belden Technical Support **1.800.BELDEN.1**   **www.belden.com**