

Choosing the Right Containment System: Cold vs. Hot Aisle Containment

Open Frame Rack Cold and Hot Aisle Containment Systems deliver modular, flexible solutions that prevent hot and cold air from mixing, reducing cooling costs and protecting sensitive equipment. The Hot Aisle system contains and directs hot exhaust air while the Cold Aisle system contains and directs cold inlet air for maximum cooling performance and simplified maintenance. Both systems feature advanced cable management, scalable installation options, and robust energy-saving benefits; helping you achieve optimal operating conditions and extend equipment life in dynamic environments.



Features	Open-Frame Rack Hot Aisle Containment	Open-Frame Rack Cold Aisle Containment
Description	The open-frame rack aisle containment solution streamlines airflow management, minimizing hot and cold air mixing. The result is enhanced cooling performance, lower operational costs, and improved reliability for high-density deployments.	
Airflow Control	Contains hot exhaust air, directs it back to computer room air conditioner (CRAC) units. Room ambient outside aisle stays cooler	Contains cold supply air, directs it to IT equipment in the aisle. Room ambient outside aisle is warmer.
Application		
Supports high power environments, including AI workloads as well as lower density telecommunication rooms.	✓	✓
Height		
45 RU or 52 RU	✓	✓
Depth		
30 in. and 36 in.	✓	-
Independent of rack depth	-	✓
Greater Cable Management		
Dedicated vertical cable managers keep power and data cables neatly routed and supporting higher equipment density	✓	-
Compatible 4-Post Racks		
4-Post Rack (R4P)	✓	-
Adjustable depth 4-post rack (AR4P)	✓	✓
Compatible Vertical Cable Managers		
PatchRunner 2 (PR2V)	✓	✓
PatchRunner 2 Enhanced (PE2V)	✓	-
Colors Available		
Black	✓	✓
White	✓	✓