

PROLINE CONTAINMENT SYSTEM HOT AISLE RETURN PLENUM



INDUSTRY STANDARDS

UL94

APPLICATION

Works with a pod of cabinets surrounding a hot aisle. It is supported on top of the cabinets and channels the hot air exhausted from the server equipment housed inside the cabinets up to a ceiling plenum. This is used to completely separate the hot from cold air, drastically reducing data center energy costs. It is designed to be sold as a build-to-order system that consists of side panels, end panels, and used with the ProLine Express Aisle Doors.

FEATURES

- Drastically reduces data center energy costs
- Reduces data center carbon footprint
- Quick and simple installation
- Custom built to facility specifications
- Channels hot air from hot aisle to a facility ceiling plenum
- Separates hot from cold air, preventing intermixing
- Comes in 600mm, 750mm, 800mm and 1200mm widths
- Built to match cabinet and facility ceiling height
- Clean and aesthetic design
- Panels can be field modified for cable entry
- Designed to be assembled with only two tools (3mm and 8mm Allen keys)
- Simple bolt attachment to cabinet top
- Pairs with ProLine Aisle Containment sliding doors

Standard Product

Catalog Number	Description	Height mm/in.	Width mm/in.	Depth mm/in.	Material	Finish	Color	Color Code
PCPPS600	Plenum Side Panel, 600mm	1480	600	75	Polycarbonate	Transparent	Graphite Black	RAL 9011
		58.25	23.58	2.95				
PCPPS750	Plenum Side Panel, 700mm	1480	750	75	Polycarbonate	Transparent	Graphite Black	RAL 9011
		58.25	29.48	2.95				
PCPPS800	Plenum Side Panel, 800mm	1480	800	75	Polycarbonate	Transparent	Graphite Black	RAL 9011
		58.25	31.45	2.95				
PCPPS1200	Plenum Side Panel, 1200mm	1480	1200	75	Polycarbonate	Transparent	Graphite Black	RAL 9011
		58.25	47.21	2.95				
PCPPE48	Plenum End Panel, 48 inch Aisle	1567	1307	89	Polycarbonate	Transparent	Graphite Black	RAL 9011
		61.70	51.44	3.50				
PCPPB48	Plenum Cross Brace, 48 inch Aisle	20	1266	73	Aluminum	Anodized	Graphite Black	RAL 9011
		0.79	49.84	2.87				