

PROLINE CONTAINMENT SYSTEM



APPLICATION

The PROLINE Containment System prevents hot and cold airflows from mixing. The system increases cooling efficiency, lowers energy costs, allows for higher thermal density within the cabinet and is used in conjunction with additional cooling units. Use for either hot or cold air containment and on raised and non-raised floors. The PROLINE Containment System is used for various applications; whether it be maximizing efficiency or a cost-effective, quick install.

Customize your Containment System by purchasing the Aisle Doors, Ceiling Panels with Windows, Air Baffles, Chimney and Ceiling Panels for Chimney separately.

FEATURES

- Aisle doors either slide or swing bi-directionally to provide quick access to aisle way
- Easy to order
- Accommodates 36-in. (OSHA minimum aisle widths) and 48-in. (two-floor-tile-wide) aisle ways
- Ergonomically positioned grab handles on interior and exterior of contained aisle
- Clear, transparent door and roof panels provide maximum light to aisleway
- Tool-less Ceiling Panels are easy to install and remove for cleaning and provide above-the-cabinet access to cables, equipment and systems
- Sealed containment, Window Ceiling Panels have easily modified .22-in. polycarbonate panels to accommodate local fire-suppression codes (sprinkler heads)
- Sealed containment, Chimney Ceiling Panels are used with chimney to direct hot exhaust air into drop ceiling, duct work or other means back to the computer room cooling devices
- Sealed containment, Chimney comes in two heights to fit a wide range of applications
- Express containment system includes magnetic mounting for quick-install
- Express containment top baffles include both hot and cold aisle configurations
- Express containment models feature tool-less installation with exclusive Magswitch technology

SPECIFICATIONS

Aisle Doors

- Tool-less design allows for easy installation, removal, and re-installation
- Accommodates aisles up to 6-foot 6-inches (2 M) wide and any cabinet 76-inch (1930 mm) and taller
- Doors slide closed with gravity
- Available in black or white

Window Ceiling Panels

- Frame made of 16 gauge steel
- Overhead panel made of .22-in. polycarbonate

Chimney Ceiling Panels

- Frame made of 16 gauge steel
- Purchase Chimney separately

Chimney

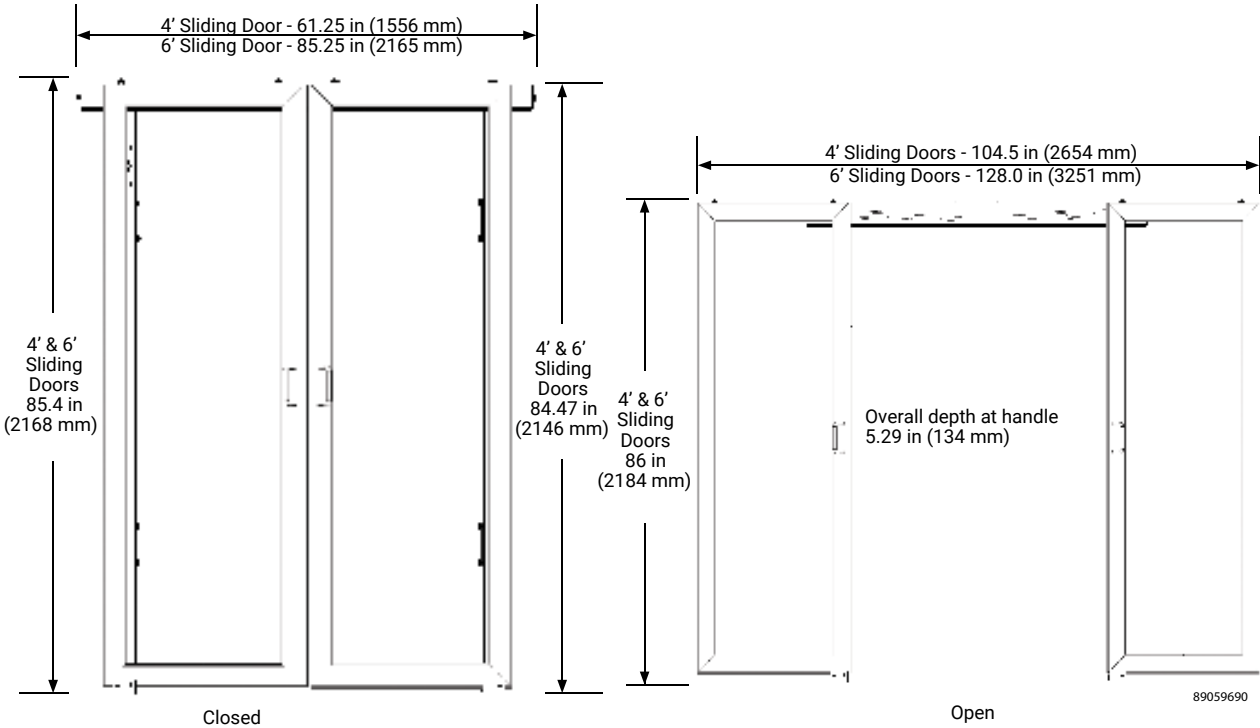
- Made of 18 gauge steel
- Two sizes to fit various ceiling heights
- Infinite adjustment between minimum and maximum extension
- Bulb gasket seals against flat surfaces and ceilings
- S-connectors provided for duct work connection
- Purchase Chimney Ceiling Panel separately

FINISH

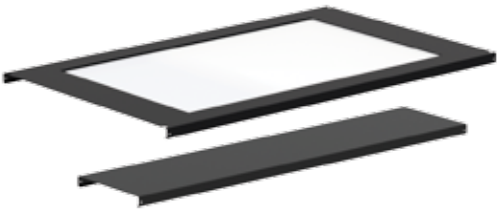
Prepared surface coated in polyester powder low-gloss, lightly textured RAL 9005 black

Standard Product Aisle Doors

Catalog Number	Height in./mm	Width in./mm	Depth in./mm
UACSD4B	88.00	34.00	12.50
	2235	864	318
UACSD6B	88.00	46.00	12.50
	2235	1168	318

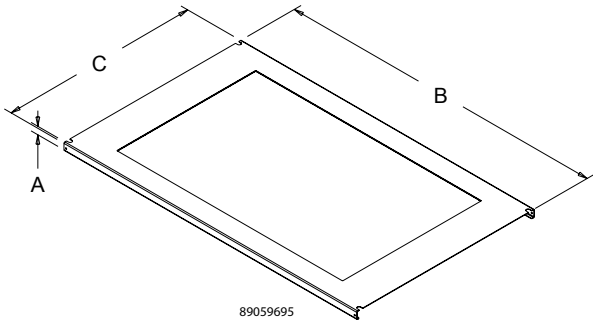


WINDOW CEILING PANEL



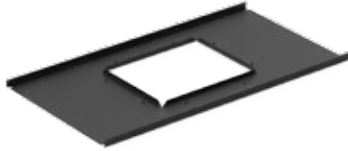
- Frame made of 16 gauge steel
- Overhead panel made of .22-in. polycarbonate

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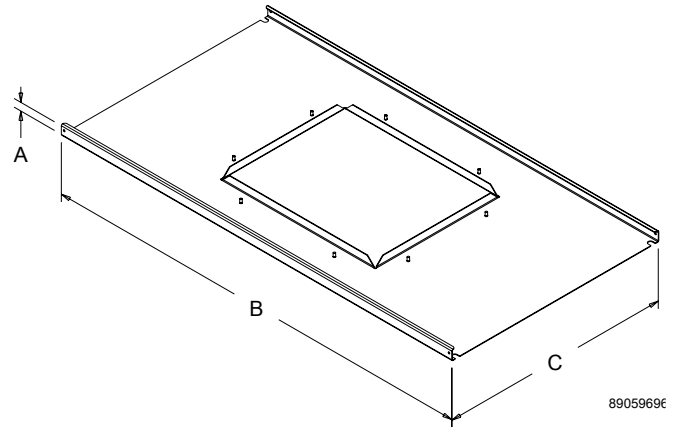
Catalog Number	AxBxC mm	AxBxC in.	Aisle Width (in.)	Aisle Width (mm)	Use With Cabinet Width
PCP312	143 x 1309 x 297	5.63 x 51.52 x 11.69	48	1219	300 mm
PCP612	143 x 1309 x 597	5.63 x 51.52 x 23.50	48	1219	600 mm
PCP712	143 x 1309 x 697	5.63 x 51.52 x 27.44	48	1219	700 mm
PCP812	143 x 1309 x 797	5.63 x 51.52 x 31.38	48	1219	800 mm

CHIMNEY CEILING PANEL



- Frame made of 16 gauge steel

BULLETIN: DPY



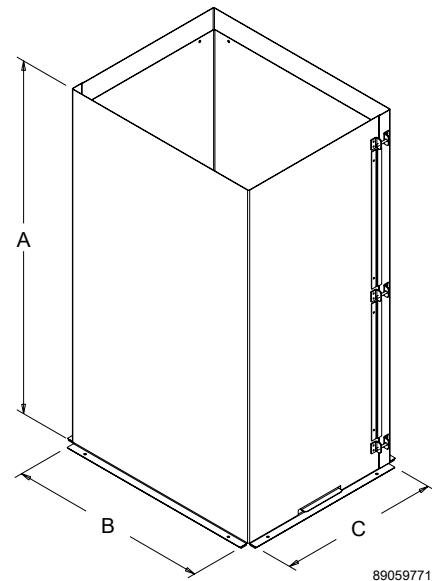
Catalog Number	AxBxC mm/in.	Fits Aisle Width mm/in.	Use With Cabinet Width
PCPC612	143 x 1009 x 597	1219	600 mm
	5.63 x 39.71 x 23.50	48	
PCPC712	143 x 1009 x 697	1219	700 mm
	5.63 x 39.71 x 27.44	48	
PCPC812	143 x 1009 x 797	1219	800 mm
	5.63 x 39.71 x 31.38	48	

CONTAINMENT SYSTEM CHIMNEY



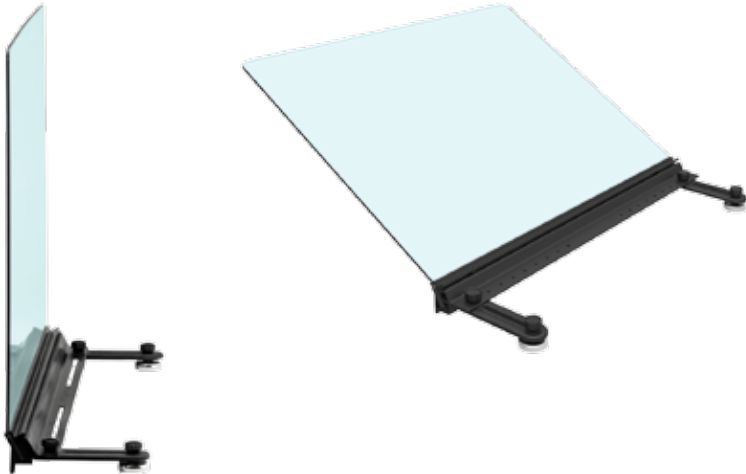
- Made of 18 gauge steel
- Two sizes to fit various ceiling heights
- Infinite adjustment between minimum and maximum extension
- Bulb gasket seals against flat surfaces and ceilings
- S-connectors provided for duct work connection
- Purchase Chimney Ceiling Panel separately

BULLETIN: DPY



Catalog Number	AxBxC mm/in.	Ceiling Height mm/in.	Height min mm/in.	Height max mm/in.
PCM1	457 x 534 x 424	2600 to 3057	613	1067
	18.00 x 21.01 x 16.69	102.36 to 120.36	24.13	42.00
PCM2	762 x 534 x 424	2905 to 3667	918	1676
	30.00 x 21.01 x 16.69	114.36 to 144.36	36.13	66.00

PROLINE EXPRESS RACK TOP BAFFLES



APPLICATION

The Rack Top Baffles are suitable for most standard width cabinets with solid, perforated or semi-solid steel tops. The baffles will not work with aluminum framed cabinets or open framed racks.

FEATURES

- The Rack Top Angle Baffles will overhang the aisle up to 15 inches (381 mm)
- The Rack Top Baffles require a minimum of 1 inch (25 mm) unobstructed depth across the entire front edge of the cabinet for secure attachment

- Additionally, the two attachment fixtures on each baffle require a 1.50 x 5.50 inch (38 x 140 mm) unobstructed area on the top of the cabinet.
- These attachment mounts allow a high degree of flexibility across the top of the cabinet to work around obstructions
- Prevents hot exhaust air from wrapping over the tops of racks
- Attaches to top of rack magnetically
- Angular baffle designed for cold aisle application
- Vertical baffle is designed for hot aisle application
- Reconfigurable design allows angular or vertical configuration

Catalog Number	Description	Fits Cabinet	Height in./mm	Width in./mm	Depth in./mm	Material	Finish	Color	Color Code	Quantity
UACTB6V	Vertical Baffle	24-inch (600mm) Wide	10.90 277	23.60 599	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB6A	Angled Baffle	24-inch (600mm) Wide	10.90 277	23.60 599	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB7V	Vertical Baffle	27.50-inch (700mm) Wide	10.90 277	27.45 697	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB7A	Angled Baffle	27.50-inch (700mm) Wide	10.90 277	27.45 697	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB75V	Vertical Baffle	30-inch (750mm) Wide	10.90 277	29.50 749	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB75A	Angled Baffle	30-inch (750mm) Wide	10.90 277	29.50 749	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB8V	Vertical Baffle	31.50-inch (800mm) Wide	10.90 277	31.25 794	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2
UACTB8A	Angled Baffle	31.50-inch (800mm) Wide	10.90 277	31.25 794	22.50 572	Polycarbonate/PVC/ABS	Powder Coated	Jet Black	RAL 9005	2

Custom sizes available

PROLINE SWITCHFIX



Network switch equipment typically sits at the top and back portion of the server rack. This placement makes it difficult for cold air from the cold aisle to travel from the front of the rack to the intake side(s) of the Network Switch. The SwitchFix solves this problem by extending from the front of the rack in the cold aisle to the switch at the back of the rack. This allows cold air from the cold aisle to reach the network equipment for proper cooling.

FEATURES

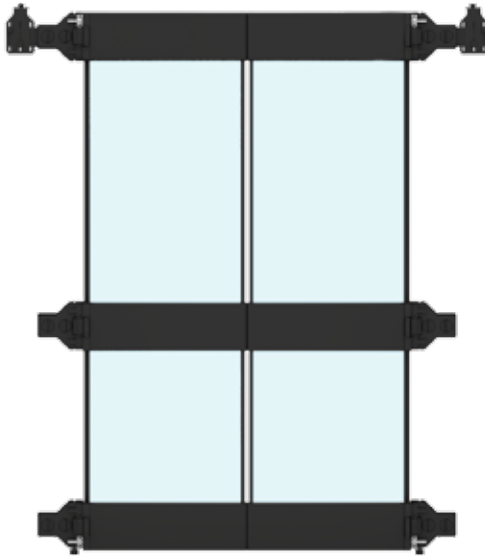
- Channels cold air to the switch
- Prevents hot air recirculation
- Maintains cold aisle/hot aisle segregation
- Adjustable for a variety of depths
- Passive airflow circulation

APPLICATION

The SwitchFix easily solves cooling problems associated with the network switches without the need for additional energy usage. It allows your switches to benefit from cooler airflow and comply with Hot Aisle/Cold Aisle best practices.

Catalog Number	Description	Height (in.)	Height (mm)	Width (in.)	Width (mm)	Depth (in.)	Depth (mm)	Material	Finish	Color	Color Code
UACSFPC1U850	Cool Channels 1U 8.50 inch (216 mm)	1.74	44	19.00	483	5.75 - 8.50	146 - 216	Mild Steel	Powder Coated	Jet Black	RAL 9005
UACSFPC1U116	Cool Channels 1U 11.63 inch (295 mm)	1.74	44	19.00	483	7.73 - 11.63	196 - 295	Mild Steel	Powder Coated	Jet Black	RAL 9005
UACSFPC2U850	Cool Channels 2U 8.50 inch (216 mm)	3.50	89	19.00	483	4.15 - 5.75	105 - 146	Mild Steel	Powder Coated	Jet Black	RAL 9005

PROLINE EXPRESS SEALED DOORS



APPLICATION

Designed for 48-inch (1200mm) wide aisles. Can also provide benefits for wider aisles. A 48-inch (1219 mm) wide version seals aisles from 46-inch (1168 mm) to 54-inch (1372 mm) and a 72-inch (1829 mm) wide version seals aisles from 70-inch (1778 mm) to 78-inch (1981 mm). Custom solutions can also provide benefits for wider aisles.

FEATURES

- Designed for 48-inch (1200 mm) wide aisles, but can also provide benefits for wider aisles
- The Bi-directional doors require a minimum 6-inch (152 mm) clearance from the front edge of the cabinet along its entire height for the hinges to attach
- Works with a variety of cabinets 76-inch (1930 mm) and taller
- Doors can be installed to hot or cold aisle
- Doors attached to side of rack magnetically
- Tool-less design allows for easy installation, removal, and re-installation
- Solution for both new builds and retrofit data centers

Catalog Number	Description	Rack Units	Height in./mm	Width in./mm	Depth in./mm	Material	Finish	Color	Color Code
UAC2DDR42U	Bi-Directional Door	42U	78.00 1981	34.25 870	4.00 102	Polycarbonate/ABS	Powder Coated	Jet Black	RAL 9005
UAC2DDR45U	Bi-Directional Door	45U	83.25 2115	34.24 870	4.00 102	Polycarbonate/ABS	Powder Coated	Jet Black	RAL 9005

Custom sizes are available

PROLINE EXPRESS TRANSOM WINDOW



Transom Windows mount in the space above the sliding door.

Catalog Number	Height in./mm	Width in./mm	Depth in./mm	Material	Finish	Color	Color Code
UACTW4B	16.00 406	66.00 1676	2.00 51	Polycarbonate/ABS	Powder Coated	Jet Black	RAL 9005
UACTW6B	16.00 406	99.00 2515	2.00 51	Polycarbonate/ABS	Powder Coated	Jet Black	RAL 9005

Custom sizes are available

PROLINE EXPRESS ADJUSTABLE RACK GAP PANEL



APPLICATION

Blocks spaces between racks to contain cold air and prevent exhaust air recirculation.

FEATURES

- Attaches magnetically between two racks or other metal surface
- Adjusts to fill in space between racks, from 10- to 60-inch (250 mm to 1500 mm)
- Can easily be removed and reapplied as your computer room needs change

Catalog Number	Rack Units	Height (in.)	Height (mm)	Width (in.)	Width (mm)	Depth (in.)	Depth (mm)	Material	Finish	Color	Color Code
UACSARGP	42U-45U	85.25	2165	10.00 - 60.00	254 - 1524	4.00	102	Mild Steel	Powder Coated	Jet Black	RAL 9005
UACLARGP	48U-50U	93.75	2381	10.00 - 60.00	254 - 1524	4.00	102	Mild Steel	Powder Coated	Jet Black	RAL 9005

PROLINE EXPRESS ADJUSTABLE MOUNTING POST



APPLICATION

Serves as vertical support structure for the attachment of containment doors and rack gap panels.

FEATURES

- Mounts to floor tiles with framing channels and lock nuts for secure installation (can also be installed on a slab floor)
- Enables the use of containment doors and/or rack gap panels in uneven rows
- Can be adjusted to different height positions (42U-50U)

Catalog Number	Rack Units	Height in./mm	Width in./mm	Depth in./mm	Material	Finish	Color	Color Code
UACAMP	42U-50U	78.75 - 84.00 2000 - 2134	12.00 305	10.00 254	Mild Steel	Powder Coated	Jet Black	RAL 9005

ACRYCELL SEALING TAPE



APPLICATION

Acrycell Sealing Tape is the premium choice for sealing tape and openings in the data center including room perimeter, floor openings, under cabinet, between racks, and around CRAC units. It has a revolutionary sealing technology which significantly reduce costly bypass airflow, increasing usable cooling unit capacity, and ensuring maximized efficiency from HVAC equipment.

FEATURES

- Time release expansion that ensures a tight seal around cables and other impediments
- Moldable physical quality that forms a tight seal on uneven surfaces and gaps
- Customizable tape unrolls creating one continuous and uniform top-to-bottom sealing
- Peel-and-stick installation saves labor, time and money
- Compressed tape eliminates pinching, stuffing or otherwise manipulating to install
- Confirmed "Data Center Safe" by a third party laboratory aging test
- The non-particulating, time release Acrycell sealing technology is designed to seal gaps against racks, cabinets or other enclosures in mission-critical data center environments
- Confidently and cost effectively seals gaps against errant airflow ranging from 0.2 to 2 inches (5 to 50 mm) in width, between racks, cabinets or other data center equipment

SPECIFICATIONS

- Durable Acrycell Sealing Tape is temperature resistant from -40 to 212 F (-40 to 100 C)
- Fire resistant to DIN 4102 Class B1

Catalog Number	Thickness (in.)	Thickness (mm)	Length (ft.)	Length (M)	Material	Color
UACAST05IN	0.50	1.3	32.80	10	Foam	Black
UACAST11IN	1.00	25	18.40	5.6	Foam	Black
UACAST2IN	2.00	51	8.50	2.59	Foam	Black