

Open Frame Rack Containment System

SPECIFICATIONS

The Open Frame Rack Containment System shall be compatible in a hot aisle containment environment using 45 RU and 52 RU 4-post open frame racks and consists of rack top caps, vertical cable manager top caps and end panels. Engineered for versatility, the rack top cap and end panels shall telescope to fit 30 in. and 36 in. rack depths. In addition, the PR2V% top caps shall telescope to fit 30 in. and 36 in. rack depths, ensuring compatibility across both configurations. The PE2V% top caps shall be at a fixed depth to fit a 36 in. rack depth. Ideal for dynamic data center environments, the modular design makes for a reliable and scalable solution for cooling efficiency.



TECHNICAL INFORMATION

Attributes:	Part Number	Height in. (mm)	Width in. (mm)	Depth in. (mm)
	AR4PATC	.34 (8.6)	20.8 (529)	30-36 (762-914)
	R4PATC	.22 (5.6)	24 (609.6)	
	PR2V06ATC		6 (152)	27.1-36.1 (688-917)
	PR2V08ATC		8 (203)	
	PR2V10ATC		10 (254)	
	PR2V12ATC		12 (304)	
	PE2V0636TC	6.84 (173)	6 (152)	27.9 (708)
	PE2V0836TC		8 (203)	
	PE2V1036TC		10 (254)	
	PE2V1236TC		12 (304)	
	P2VAEP2	84 (2133)	6-12 (152-340)	30-36 (762-914)
	P2V96AEP2	96 (2438)		

KEY FEATURES AND BENEFITS

Modular system:	Designed to integrate seamlessly with 4-post racks
Adjustable depths:	Adjustable depths to fit racks at 30 in. or 36 in. depth
Airflow mangement:	Brush strips, baffles and hole plugs to seal openings and minimize hot air escape
Brushed pass-through:	Brushed pass-through on rack top caps for PDU cable entry. Brushed pass-through on VCM top caps for cable entry.
Versatile VCM top caps:	Compatible with single or dual-sided managers. Tops also reversible with 60% side front or back facing

4-Post Racks

Adjustable depth 4-post rack, threaded rails:	AR4P+^
Adjustable depth 4-post rack, cage nut rails:	AR4PCN+^
4-post, threaded rails:	R4P+^
4-post rack, cage nut rails:	R4PCN+^

PatchRunner[®] 2 Vertical Cable Managers

Dual-sided with two doors:	PR2VD**+^
Dual-sided with one door:	PR2VSD***+^
Single-sided with one door:	PR2VFD***+^

PatchRunner 2 Enhanced Vertical Cable Managers

Dual-sided with two doors:	PE2VD***+^
Dual-sided with one door:	PE2VSD***+^
Single-sided with one door:	PE2VFD***+^

4-Post Rack Top Caps

Adjustable AR4P top cap:	AR4PATC^
Adjustable R4P top cap:	R4PATC^

PatchRunner 2 VCM Top Caps

PatchRunner 2 adjustable top cap:	PR2V**ATC^
PatchRunner 2 enhanced top cap:	PE2V**36TC^

Adjustable PatchRunner 2 End Panels

End panel kit, 45 RU:	P2VAEP2^
End panel kit, 52 RU:	P2V96AEP2^

Accessories

Adjustable depth vertical tie-off bracket:	V4PATOB^
PR2V pass-through plug kit:	PR2VBPK
PE2V backbone blanking panel:	PE2V**BBP
R4P upper and lower blanking panels:	R4P+-AC-KIT^
AR4P upper blanking panel:	AR4P-AC-KIT^
PR2HF% and NM%/NMF% blanking kit:	NM%B
Blanking panel with brush seal pass-through - black, 1 RU:	BR1B
Blanking panel with brush seal pass-through - black, 2 RU:	BR2B
Tool-Less blanking panel - black, 1 RU, cage nut rails:	TLBP1S-V
Tool-Less blanking panel - black, 1 RU, threaded rails:	TLBP1R-V
Horizontal flat rack filler panel, 1 RU:	DPFP1^
Horizontal flat rack filler panel, 2 RU:	DPFP2^
Cable sealing grommet:	BFS100X2000

+Heights: 96 (8 ft.)
^Colors other than black: WH (White)
**Widths: 06 (6 in.), 08 (8 in.), 10 (10 in.)
or 12 (12 in.)
% RUs: 1, 2, 3 or 4

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APPLICATIONS

Aisle Containment Accessories are engineered to optimize airflow and improve thermal efficiency in data centers with open frame racks. Designed to prevent the mixing of hot and cold air, these accessories direct hot exhaust air away from equipment, helping to reduce cooling energy costs and protect sensitive hardware from overheating. The system includes adjustable containment accessories that can be configured to match specific rack and cable manager layouts. They offer flexible installation options, making them ideal for retrofitting or new builds. Containment accessories maintain ease of equipment maintenance and cable management while creating a sealed environment that enhances cooling efficiency. Our hot aisle containment solutions can help achieve significant improvements in data center energy efficiency, leading to reduced operating costs and increased equipment longevity. Designed to integrate seamlessly with our cable management and thermal management solutions, these accessories provide a comprehensive approach to maintaining optimal operating conditions in data center environments.

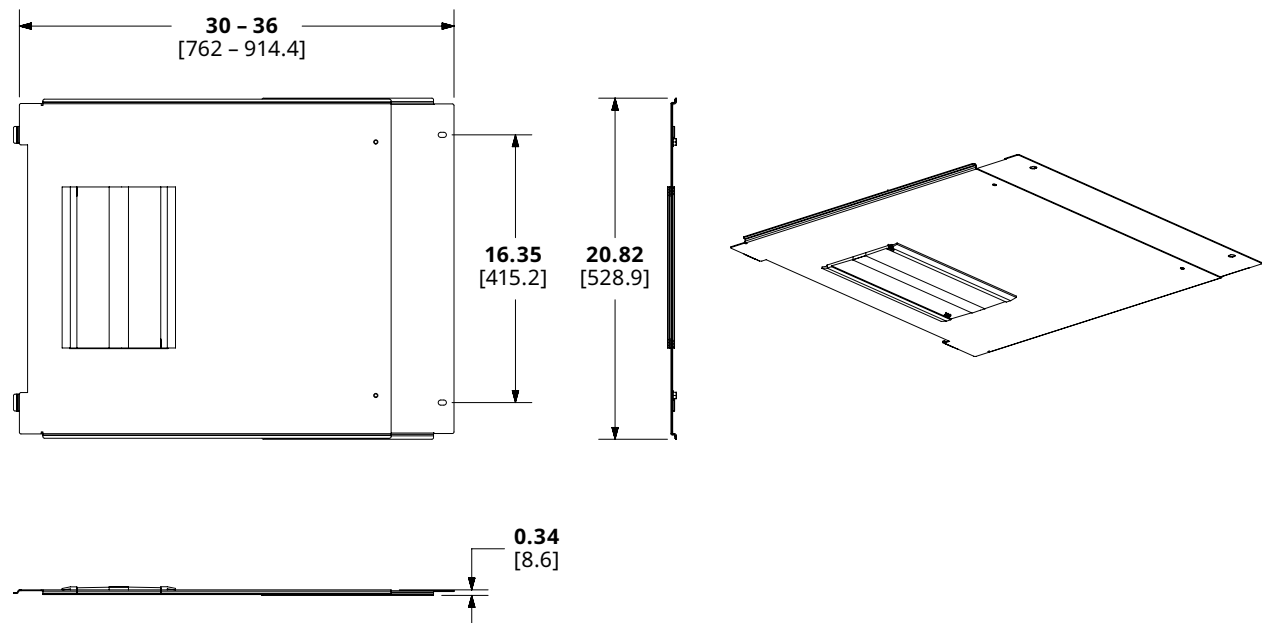


- 1 **P2VAEP2:** PatchRunner 2 End Panel 45 RU. Also available in 52 RU
- 2 **PR2V06ATC:** PatchRunner 2 Top Cap. Available in 6 in., 8 in., 10 in. and 12 in. widths
- 3 **R4PATC:** Adjustable R4P Top Cap
- 4 **PE2V1036TC:** PatchRunner 2 Enhanced Top Cap. Available in 6 in., 8 in., 10 in. and 12 in. widths
- 5 **AR4PATC:** Adjustable AR4P Top Cap

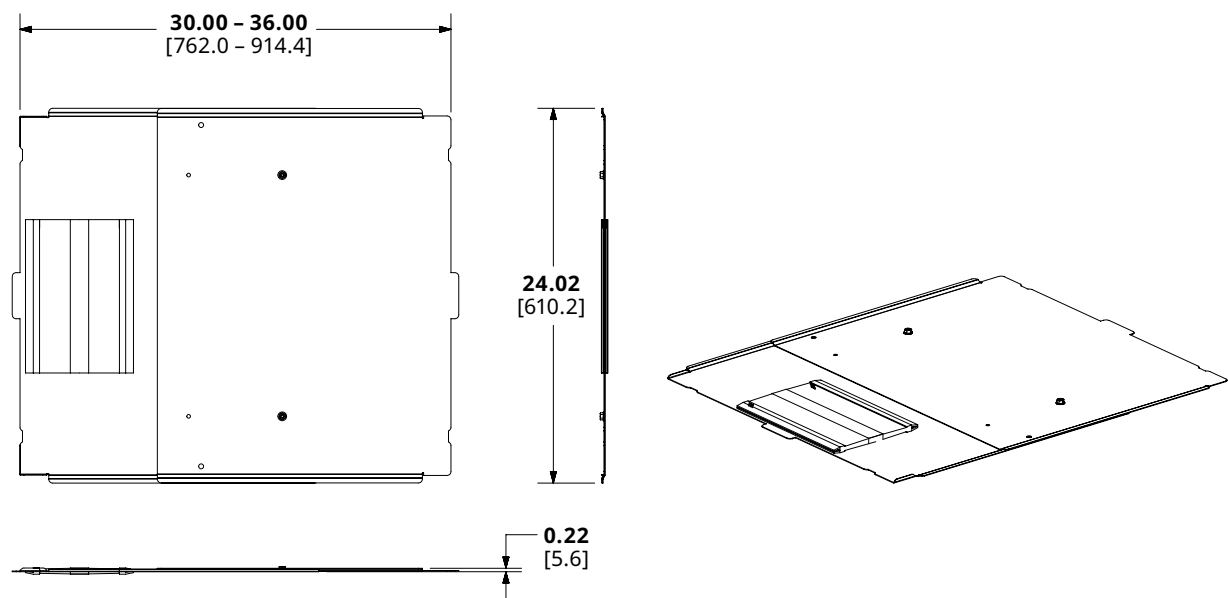
Open Frame Rack Containment System

ENGINEERING DRAWINGS

AR4PATC



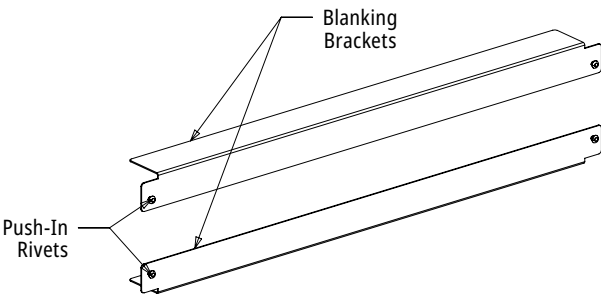
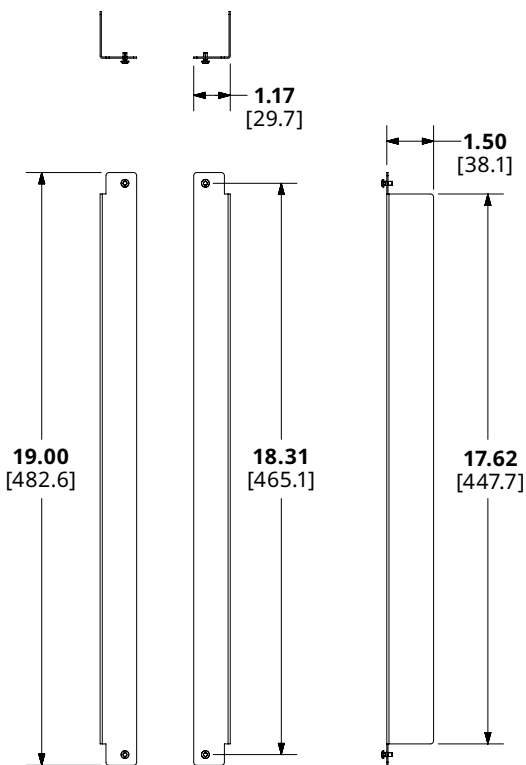
R4PATC



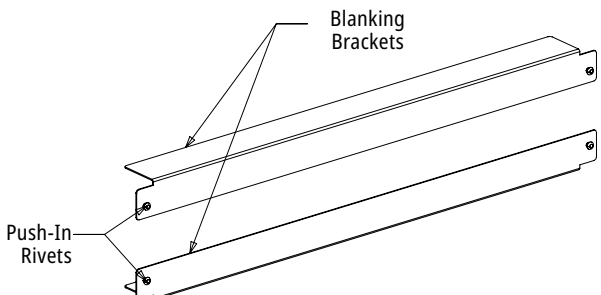
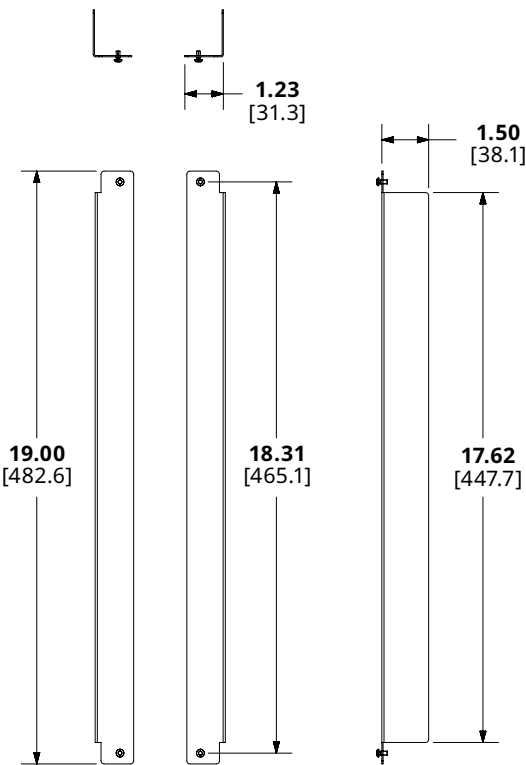
Dimensions are in inches. [Dimensions in brackets are metric].

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PE2V06BBP



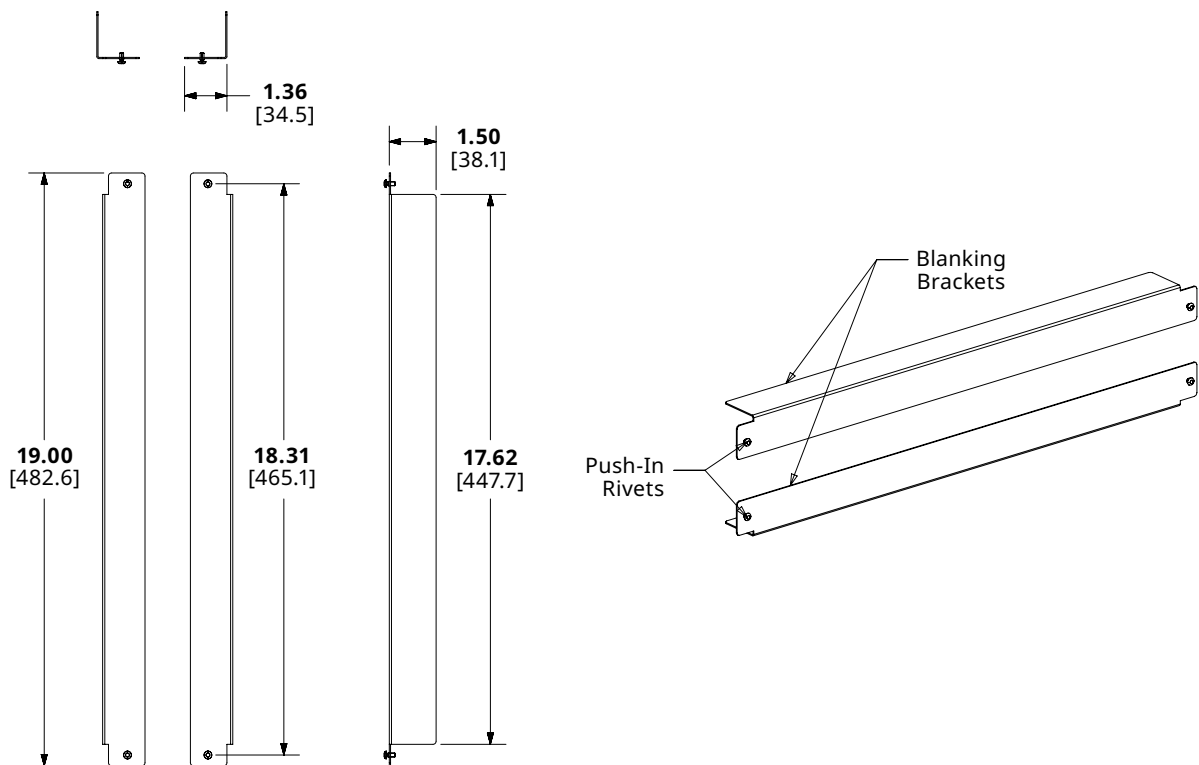
PE2V08BBP



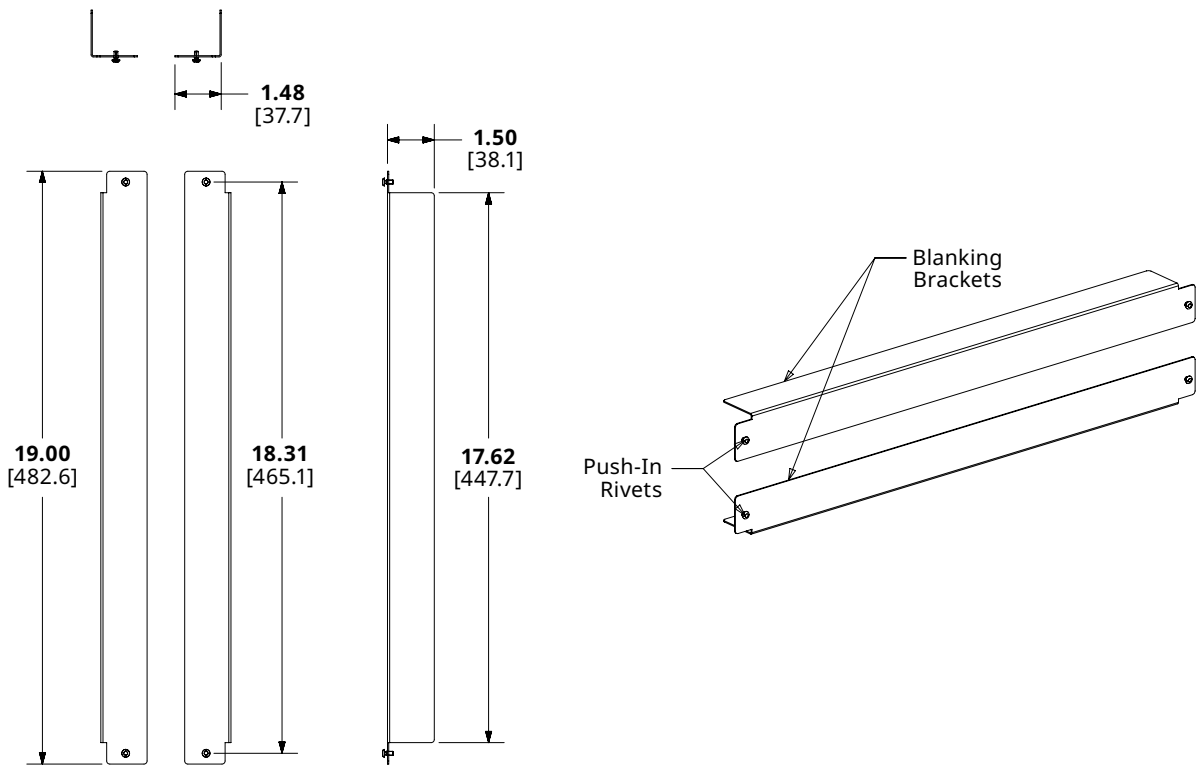
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PE2V10BBP



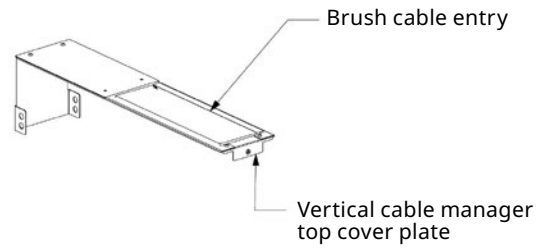
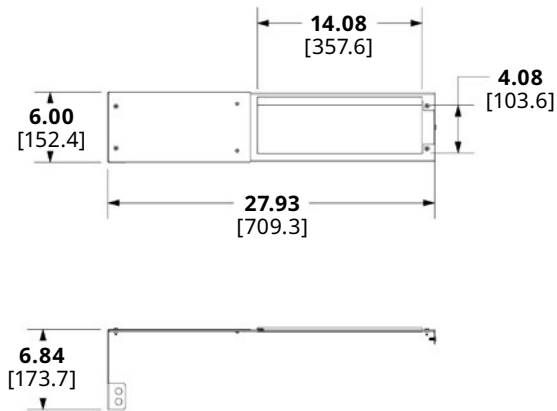
PE2V12BBP



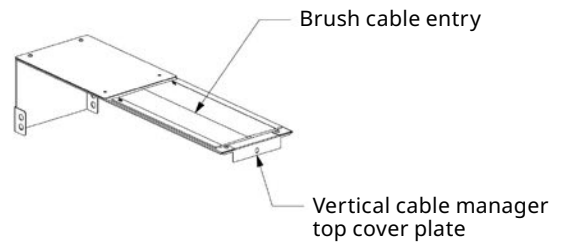
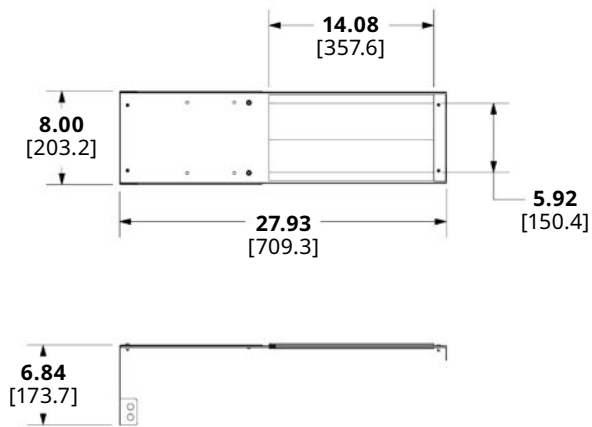
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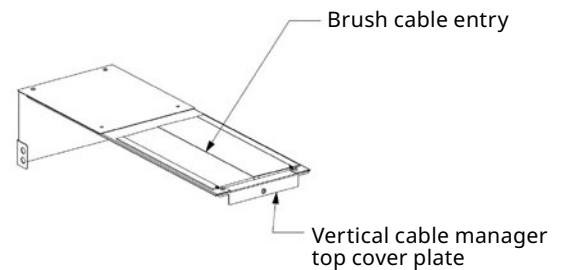
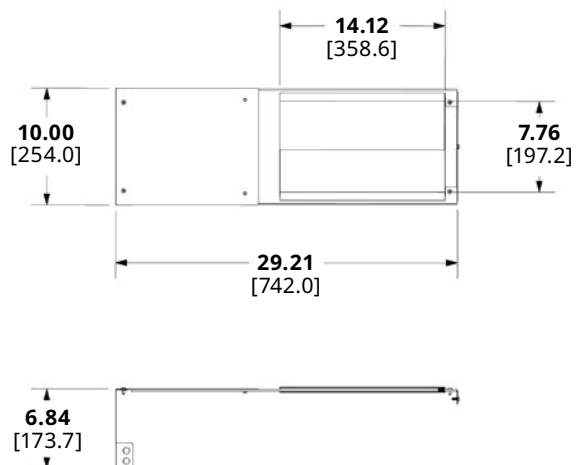
PE2V0636TC



PE2V0836TC



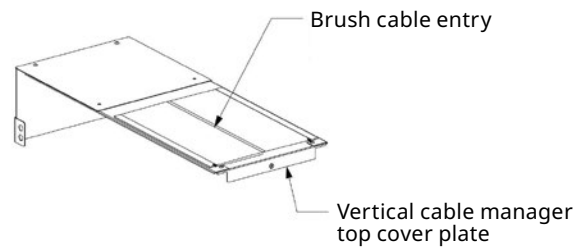
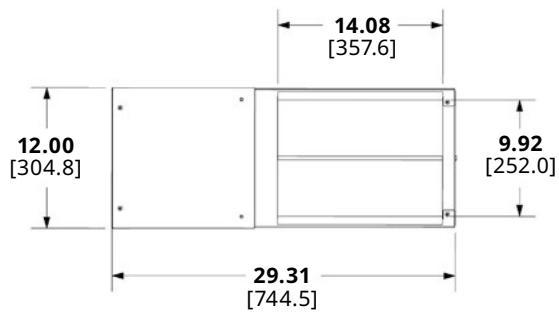
PE2V1036TC



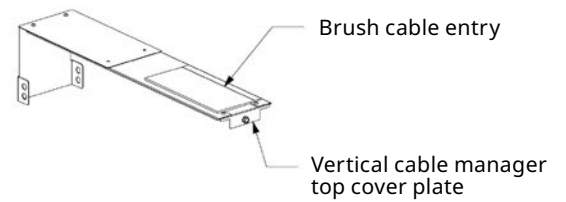
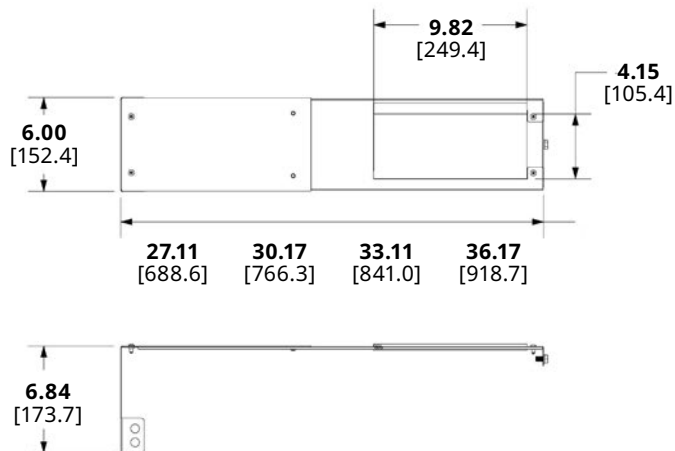
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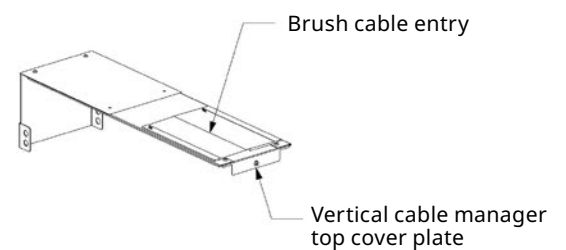
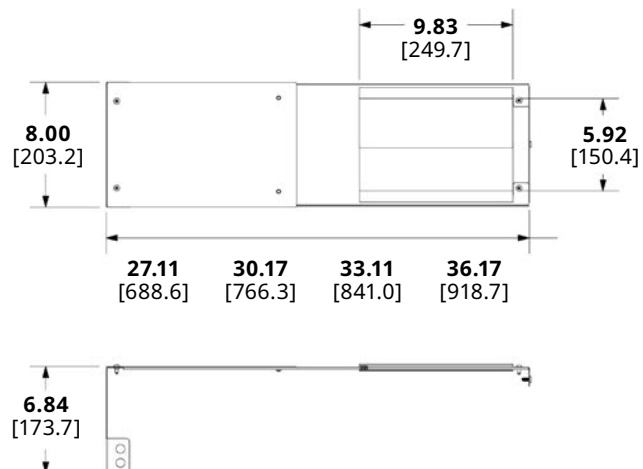
PE2V1236TC



PR2V06ATC



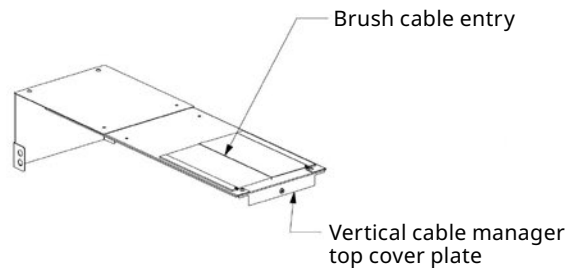
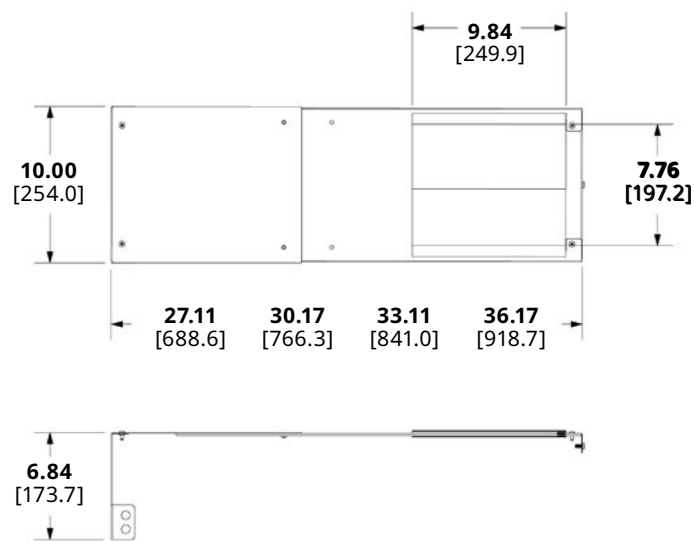
PR2V08ATC



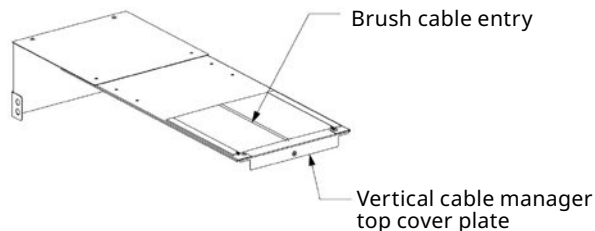
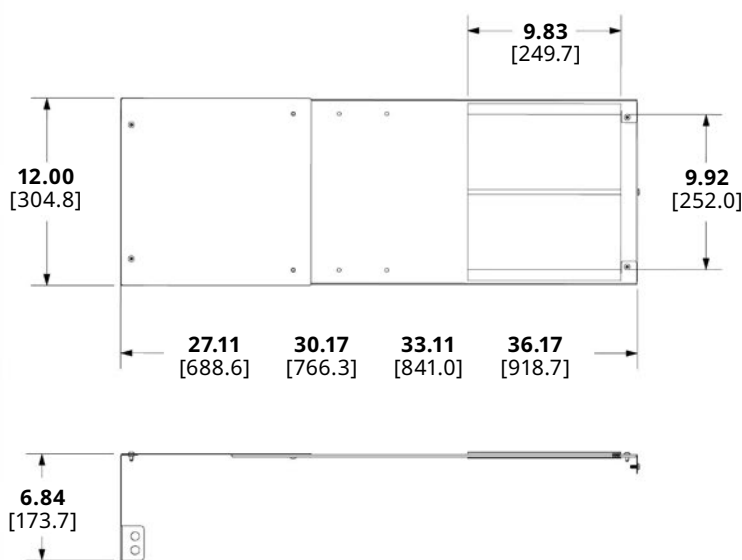
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PR2V10ATC



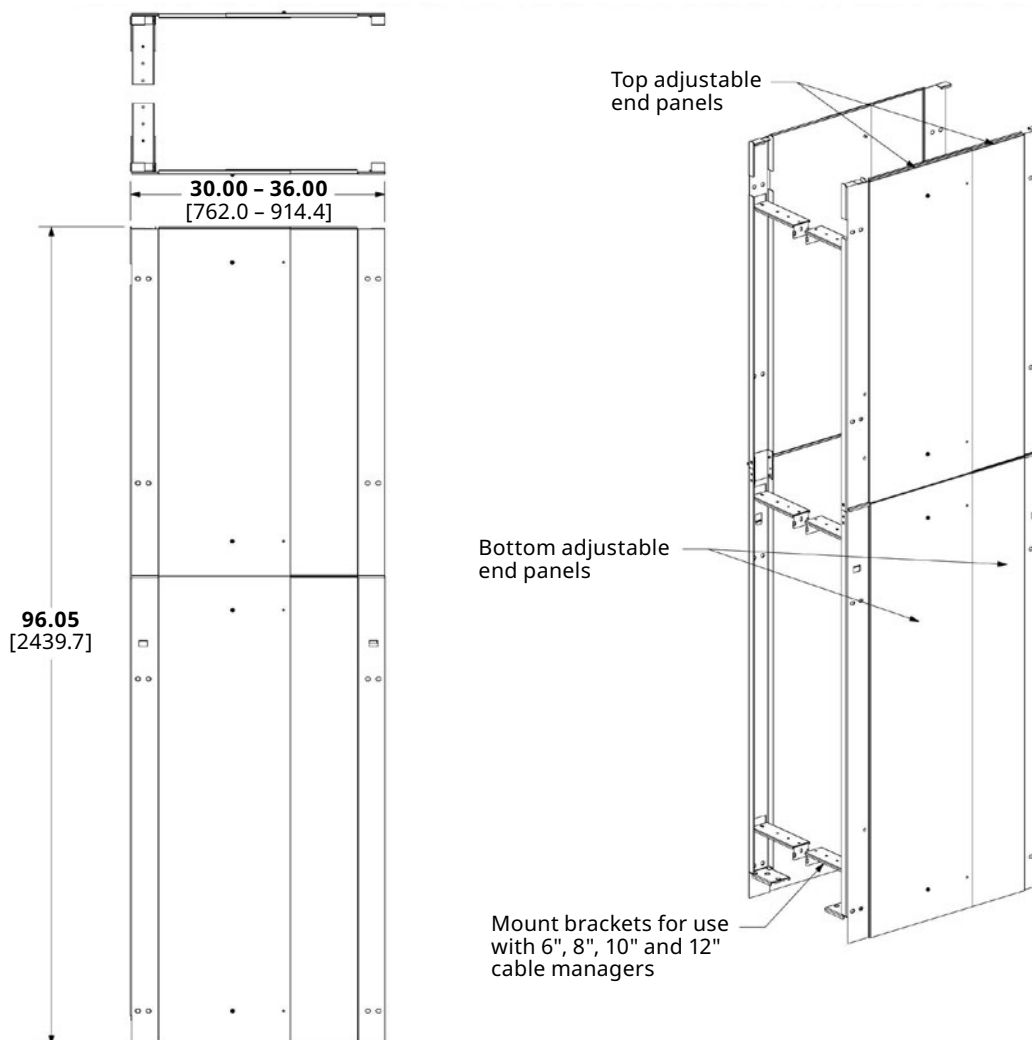
PR2V12ATC



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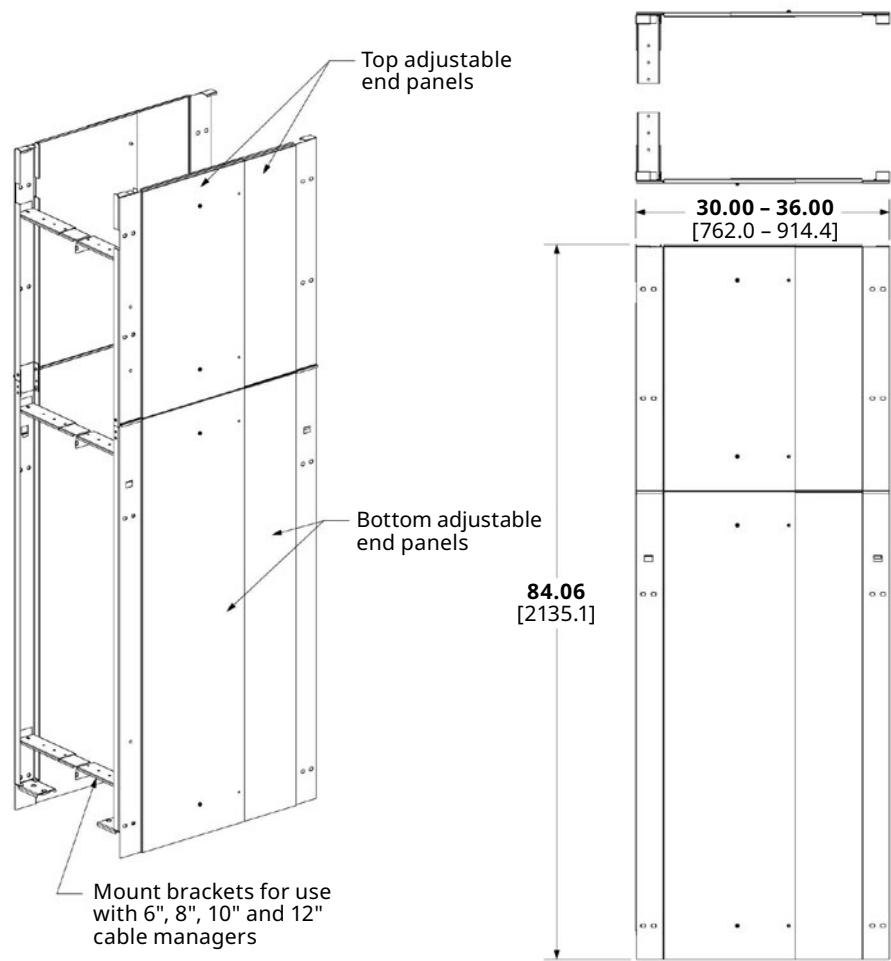
P2V96AEP2



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Open Frame Rack Containment System

P2VAEP2



Dimensions are in inches. [Dimensions in brackets are metric].