Rack Solutions



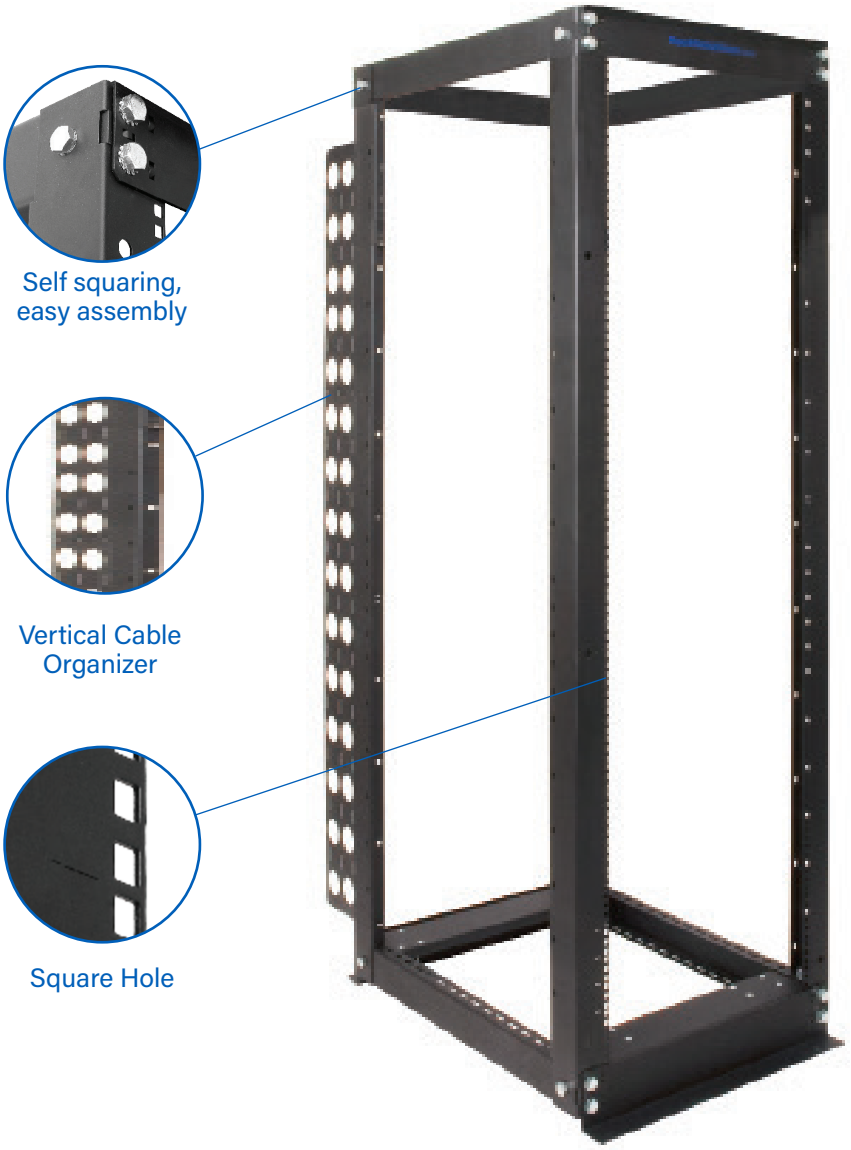
Designed and Built to Exceed Your Needs.

The Open Frame Server Rack is designed to provide users with a customizable solution engineered to meet a diverse set of rack mounting needs.

This EIA server rack uses universal square holes and is compatible with 19" equipment developed by the leading OEMs.

The Open Frame Rack is perfect for both small offices and large data centers as it is available in sizes from 5U to 70U and depths of 20", 24", and 28" making this the ideal mount racking solution.

Rack 111 Catalog



TECHNICAL SPECIFICATIONS

Rack Units
- 5U, 16U, 24U, 30U, 36U, 44U, 50U, 55U, 58U

Hole Type
- EIA 3/8" (9.5 mm) square hole

Rack Mounting Depth
- 28.875" (733 mm) 24"(610 mm) 20" depth (508 mm)

Weight Capacity
- 3000 lbs (1360 kgs) without casters
- 800 lbs (362 kgs) with casters

Included Hardware
- (40) 12-24 cage nuts
- (4) Masonry anchors
- Masonry drill bit

Options
- Cable management
- Caster kit
- Rack tops
- Side panels
- Filler panels

Rack Outside Dimensions

Width = 24" (609 mm)
Depth = 28.875", 24" or 20"

Height
5U = 15" (381 mm)
16U = 34" (863 mm)
24U = 48" (1219 mm)
30U = 58.5" (1485 mm)
36U = 69" (1752 mm)
44U = 83" (2108 mm)
50U = 93.5" (2375 mm)
55U = 103" (2616 mm)
58U = 108" (2743 mm)
70U = 123" (3124 mm)

Certification
- UL Certified

P/N	DESCRIPTION
111-2257	16U Open Frame Rack - 28 7/8" Depth
	Depth
111-1779	20" Depth Kit, Open Frame Rack
111-1778	24" Depth Kit, Open Frame Rack
111-1725	28 7/8" Depth Kit, Open Frame Rack
	Height
111-4620	5U, Height Kit, Open Frame Rack
111-2258	16U, Height Kit, Open Frame Rack
111-1726	24U, Height Kit, Open Frame Rack
111-1727	30U, Height Kit, Open Frame Rack
111-1728	36U, Height Kit, Open Frame Rack
111-1729	44U, Height Kit, Open Frame Rack
111-1730	50U, Height Kit, Open Frame Rack
111-4596	55U Height Kit, Open Frame Rack
111-4597	58U Height Kit, Open Frame Rack
111-5215	70U Open Frame Rack
100-1319	Baying Kit, Open Frame Rack

Don’t Leave Your Cables Hanging

VERTICAL CABLE BARS

The Vertical Cable Bar is available in various sizes to meet the needs of customers in small offices or large data centers.

FEATURES & BENEFITS

- Keep cables organized
- Add multiple cable bars
- Supports powers strips
- Provides unrestricted airflow
- Multiple wire tie points



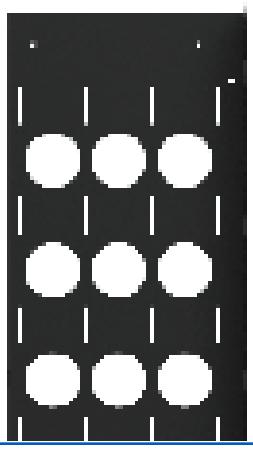


CABLE MANAGEMENT OPTIONS

8″ T-BAR

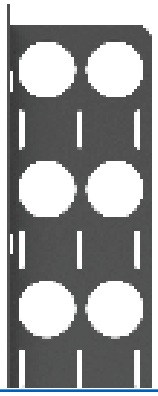
• 137-1936	55U, 8″ T-Bar CMA for Tool-less, APC PDUs -BTO
• 137-2398	50U, 8″ T-Bar CMA for Tool-less, APC PDUs -BTO
• 137-3118	44U, 8″ T-Bar CMA for Tool-less, APC PDUs -BTO

Other sizes available on request BTO = Built to Order



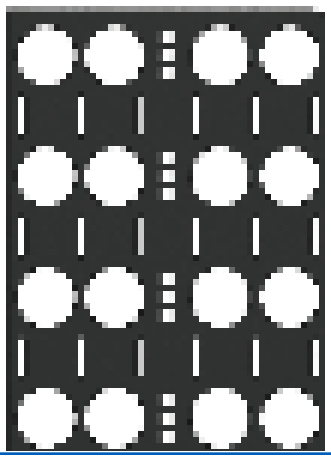
5″ CMA

• 137-2412	58U, 5″ Vertical Cable Organizer
• 137-1707	55U, 5″ Vertical Cable Organizer
• 137-0318	50U, 5″ Vertical Cable Organizer
• 137-0317	44U, 5″ Vertical Cable Organizer
• 137-0316	36U, 5″ Vertical Cable Organizer
• 137-0315	30U, 5″ Vertical Cable Organizer
• 137-0314	24U, 5″ Vertical Cable Organizer



11″ CMA

• 137-4634	58U, 11″ Vertical Cable Organizer
• 137-4651	55U, 11″ Vertical Cable Organizer
• 137-4651	50U, 11″ Vertical Cable Organizer
• 137-4196	44U, 11″ Vertical Cable Organizer



Additional Products

RACK TOPS

- 113-1834 — 28" Depth Rack Top without cable pass-through (black)
- 113-1832 — 28" Depth Rack Top with cable pass-through (black)
- 113-3604 — 24" Depth Rack Top without cable pass-through (black)
- 113-3065 — 20" Depth Rack Top with cable pass-through (black)

Options include:



- Solid tops
- Tops with cable pass-throughs

FEATURES & BENEFITS

- Helps control rack air flow
- Grommet edging around holes
- Plugs cover unused holes
- Solid steel construction
- Supports cabling, trays, ladders
- Prevents debris from falling into the rack

CASTER KITS

- 111-1731 — Caster Kit, Open Frame Rack
- 131-4777 — Caster Kit with leveling feet, Open Frame Rack



FEATURES & BENEFITS

- Front swivel casters
- Rear, non-swivel casters
- Non-marring wheels
- Wheels do not lock
- 800 lb weight capacity



"When we completed a 20,000 sf data center expansion we needed about 20,000 server racks to complete the project. RackSolutions had the best product, the best customer service and as it turns out the best price too." Hivelocity.net

VERTICAL POWER STRIP

- PSV-F8-15A-Q — 15A, 8 Outlets, 15ft Cord (24U+ racks)
- PSV-F16-15A-R — 15A, 16 Outlets, 15ft Cord (30U+ racks)
- PSV-F24-15A-S — 15A, 24 Outlets, 15ft Cord (44U+ racks)
- PSV-F8-20A-T — 20A, 8 Outlets, 15ft Cord (24U+ racks)
- PSV-F16-20A-U — 20A, 16 Outlets, 15ft Cord (30U+ racks)
- PSV-F24-20A-V — 20A, 24 Outlets, 15ft Cord (44U+ racks)
- Rack-111-PSMOUNT — Power Strip Mounting Brackets for Rack Model 111

FEATURES & BENEFITS

- NEMA 5-15 plugs and receptacles
- 15A and 20A model options
- 8, 16, and 24 outlets
- CSA certified and UL recognized



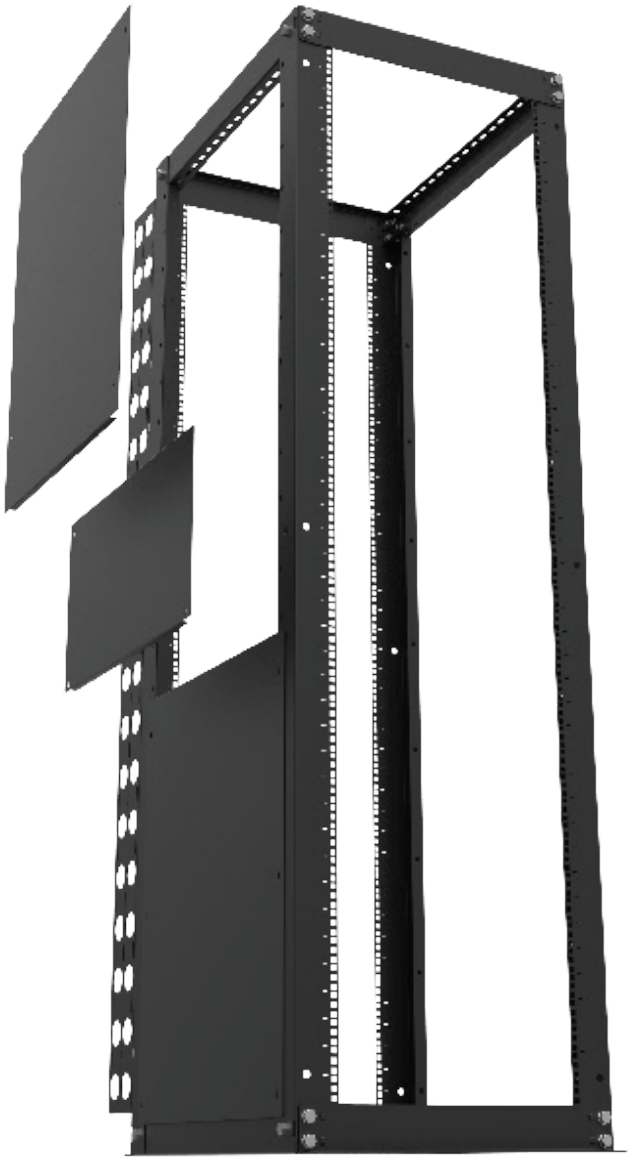
Air Flow Control

SIDE PANELS

RackSolutions' tool-less Side Panels come in a variety of sizes. Each side is divided into 2 or 3 sections (depending on rack height) to make installation easy. Side panels are only compatible with Rack-111 racks that are

- 102-2453 58U, Side Panels (sold per side) BTO
- 102-1709 55U, Side Panels (sold per side) BTO
- 102-1777 50U, Side Panels (sold per side)
- 102-1776 44U, Side Panels (sold per side)
- 102-1775 36U, Side Panels (sold per side)
- 102-1774 30U, Side Panels (sold per side)
- 102-1773 24U, Side Panels (sold per side)
- 102-2260 16U, Side Panels (sold per side)

28.875" deep.



FEATURES & BENEFITS

- Helps control rack air flow
- Professional appearance
- Perfect for end row racks
- Solid steel construction
- Black, powder coated finish

FILLER PANELS

Filler Panels work best to control the air flow through the server racks. Without the use of filler panels, the hot exhaust air from the servers can be recirculated through the cabinet and significantly reduce the cooling efficiency of the system.

FEATURES & BENEFITS

- Controls rack air flow
- Professional appearance
- Compatible with all EIA standard 19" racks and cabinets

FILLER PANEL OPTIONS

Standard

- 102-1822 1U, Basic Filler Panel
- 102-1823 2U, Basic Filler Panel
- 102-1824 3U, Basic Filler Panel
- 102-1825 4U, Basic Filler Panel
- 102-1826 5U, Basic Filler Panel
- 102-1827 6U, Basic Filler Panel
- 102-1828 7U, Basic Filler Panel
- 102-1829 8U, Basic Filler Panel
- 102-1853 18U, Basic Filler Panel-BTO



Tool-less

- 102-1474 1U, Tool-less Filler Panel
- 102-1475 2U, Tool-less Filler Panel
- 102-1476 3U, Tool-less Filler Panel
- 102-1477 4U, Tool-less Filler Panel
- 102-1478 5U, Tool-less Filler Panel
- 102-1479 6U, Tool-less Filler Panel
- 102-1480 7U, Tool-less Filler Panel
- 102-1481 8U, Tool-less Filler Panel
- 102-1482 18U, Tool-less Filler Panel



Perforated

- 102-1881 1U, Vented Filler Panel with Stability Flanges
- 102-1882 2U, Vented Filler Panel with Stability Flanges
- 102-1883 3U, Vented Filler Panel with Stability Flanges
- 102-1884 4U, Vented Filler Panel with Stability Flanges
- 102-1885 5U, Vented Filler Panel with Stability Flanges
- 102-1886 6U, Vented Filler Panel with Stability Flanges
- 102-1887 7U, Vented Filler Panel with Stability Flanges
- 102-1888 8U, Vented Filler Panel with Stability Flanges



Manage Your Rack's Airflow

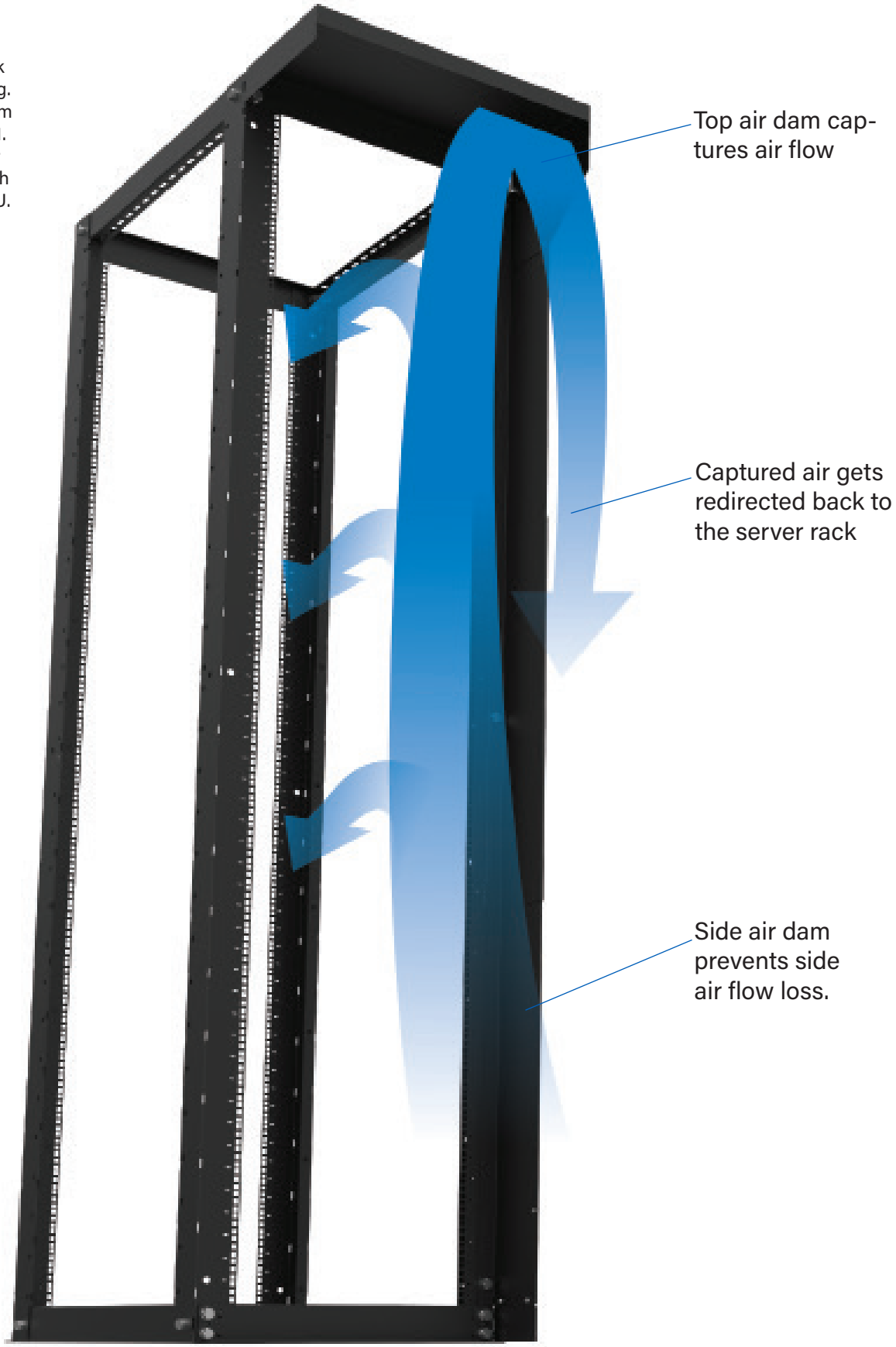
AIR DAM

The Air Dam from RackSolutions helps direct the air toward the rack equipment, instead of at the ceiling. Choose between a 5" or 10" air dam that runs the length of the Rack 111. The adjustable sizes of the side air dams allow this option to work with Rack 111's in heights from 44U-58U.

- 123-4170 Adjustable Side Air Dam
- 123-4266 Air Dam Floor Skirt Kit
- 123-4265 Air Dam, Adapter, 5" to 10", Top

FEATURES & BENEFITS

- Top & Side Air Dams sold separately
- Choose from 5" or 10" sizes
- Quick and easy installation
- No measurable, by-pass air
- High density server installations



RackSolutions is a market leader in IT infrastructure products.

Founded in 1999, RackSolutions pioneered rack mounting solutions for servers in the telecommunications industry. Today our product lines consist of high quality racks and server cabinets engineered for data centers and IT offices. We also offer a complete line of server rail kits, shelves and brackets designed and built to make mounting IT hardware simple.

RackSolutions' headquarters is located in Greenville, Texas. We manufacture our products at our own state-of-the-art facilities in Texas. Additionally, RackSolutions operates from multiple sites globally including offices and warehouses in Canada, Great Britain, and Luxembourg.

Hundreds of our products are available through a global network of distributors in America, Asia, Europe and the Middle East. This allows for immediate shipment of our products to meet tight project schedules and to keep shipping costs low.

At RackSolutions, we understand that commercial products do not always support every company's unique requirements. If our standard products do not meet your specific project needs, the RackSolutions' engineering team will work with you directly to develop and manufacture an innovative product solution.





Since all our engineering and design is done at our office adjacent to our primary manufacturing facility, there is a reduction in turnaround time and overhead cost. Because of this, we can offer custom fabrication at "off the shelf" pricing.

Whether it's a small project or a high volume program, RackSolutions will deliver a quality and cost effective product at a reasonable price.

We Design, Build and Ship.

Call us today to discuss our "no cost" prototype program.

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