For the small network room **and** enterprise data centers

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

Self squaring, easy assembly

Vertical Cable Organizer
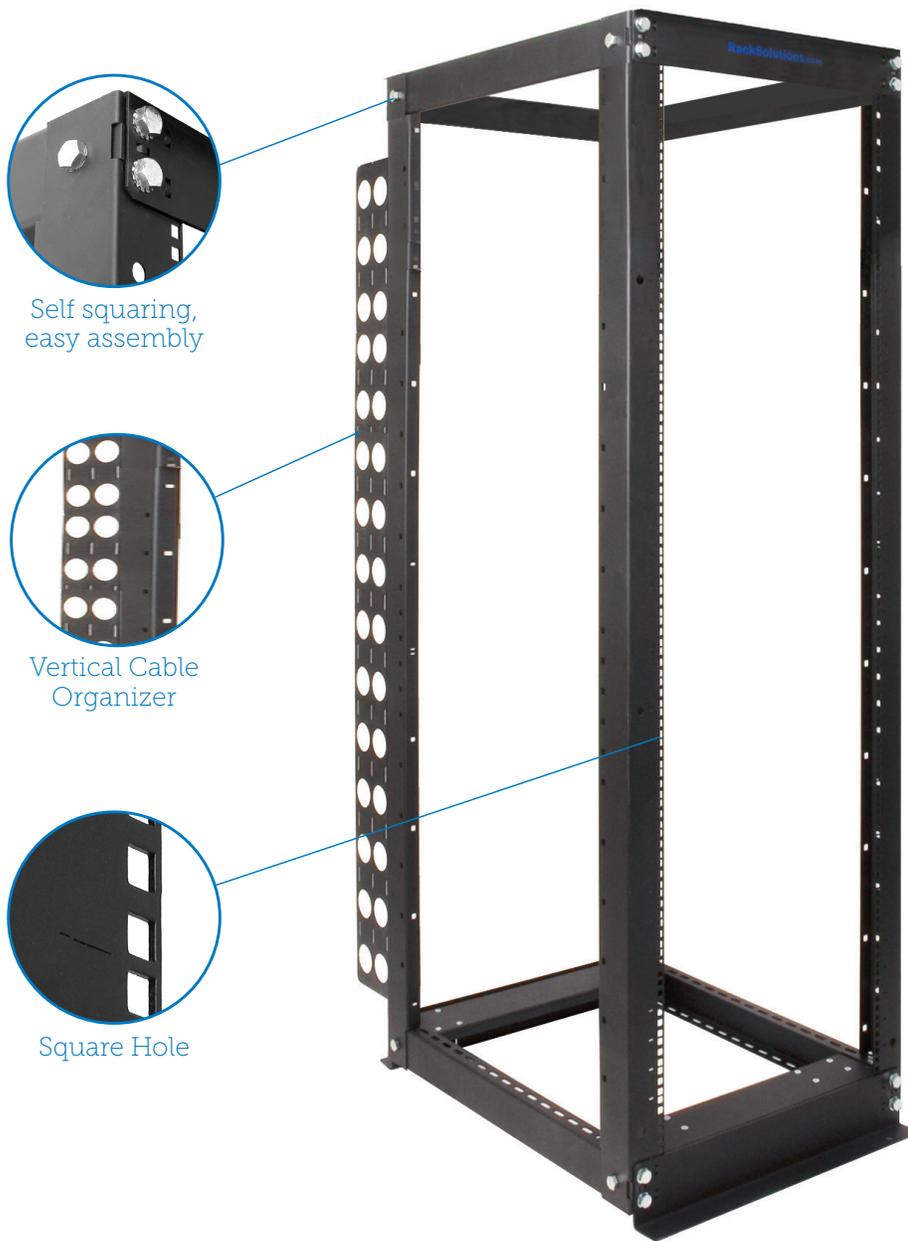
Square Hole

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
- 1200 lbs (544 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
- Blanking 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
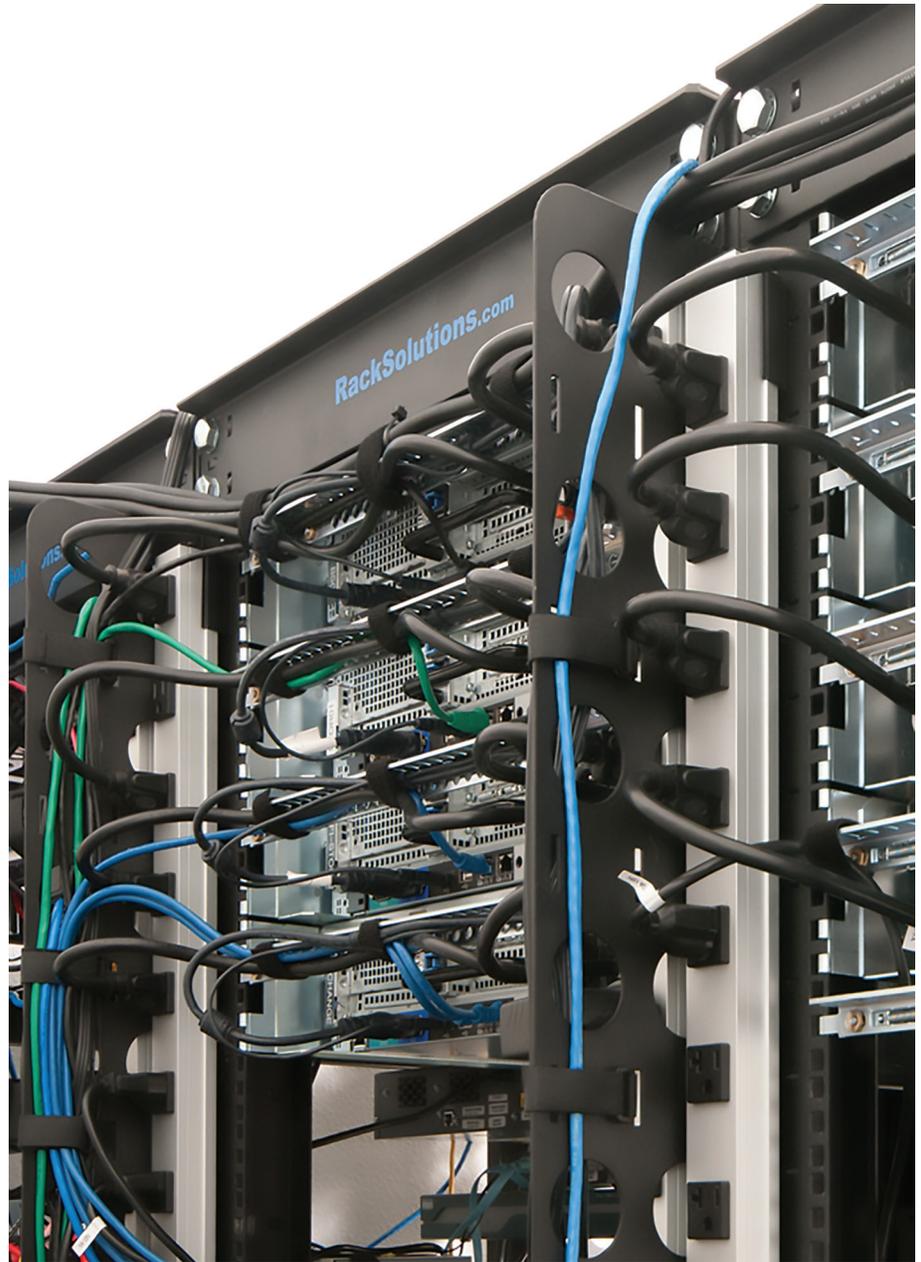
Cable Management Options
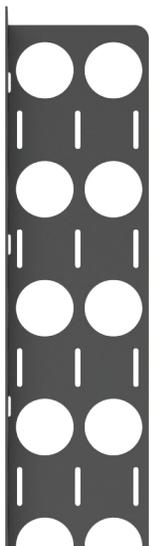
5" CMA

- 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
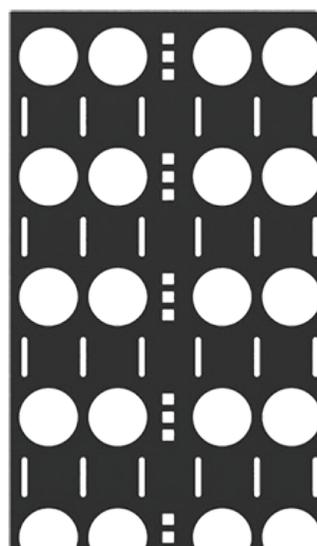
11" CMA

- 137-4634   58U, 11" Vertical Cable Organizer
- 137-4651   55U, 11" Vertical Cable Organizer
- 137-4650   50U, 11" Vertical Cable Organizer
- 137-4196   44U, 11" Vertical Cable Organizer
- 137-5940   70U, 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
- 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
- 1200 lb weight capacity
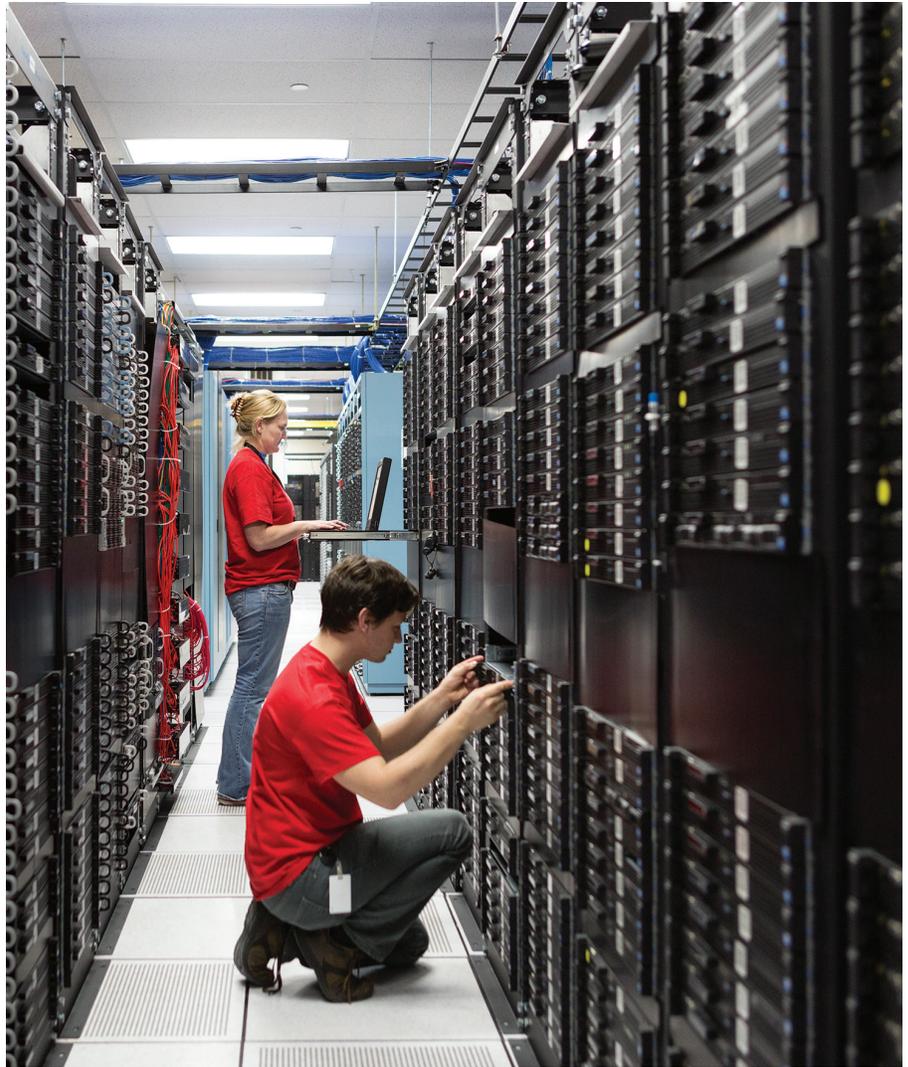
"When we completed a 20,000 sf data center expansion we needed about 20,000 server racks to complete the project. RackSolutions had the best product, the best customer service and as it turns out the best price too."
-Hivelocity.net

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.

- 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)

Features & Benefits

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

Blanking Panels

Blanking Panels work best to control the air flow through the server racks. Without the use of blanking 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
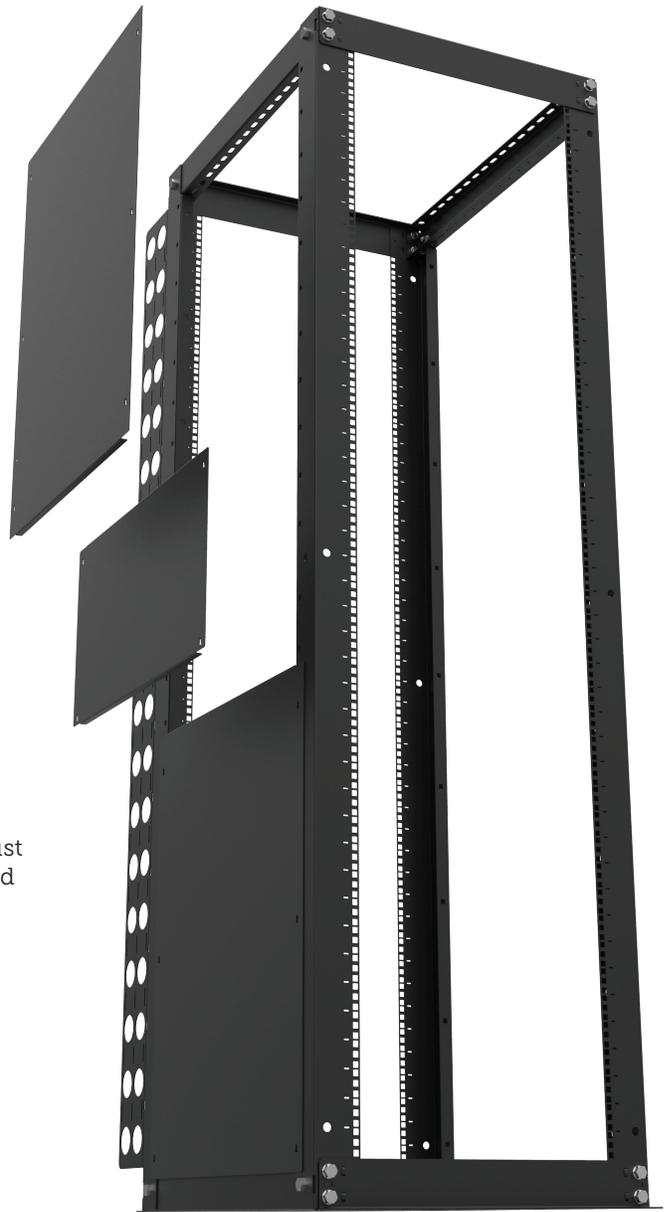
Blanking Panel Options

Standard

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

Tool-less

- 102-1474   1U, Tool-less Blanking Panel
- 102-1475   2U, Tool-less Blanking Panel
- 102-1476   3U, Tool-less Blanking Panel
- 102-1477   4U, Tool-less Blanking Panel
- 102-1478   5U, Tool-less Blanking Panel
- 102-1479   6U, Tool-less Blanking Panel
- 102-1481   8U, Tool-less Blanking Panel

Perforated

- 102-1881   1U, Vented Blanking Panel with Stability Flanges
- 102-1882   2U, Vented Blanking Panel with Stability Flanges
- 102-1883   3U, Vented Blanking Panel with Stability Flanges
- 102-1886   6U, Vented Blanking Panel with Stability Flanges
- 102-1888   8U, Vented Blanking 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.

- 123-2101   5" Top Air Dam for Open Frame Rack
- 123-2267   10" Top Air Dam for Open Frame Rack
- 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

Top air dam captures air flow

Captured air gets redirected back to the server rack

Side air dam prevents side air flow loss.
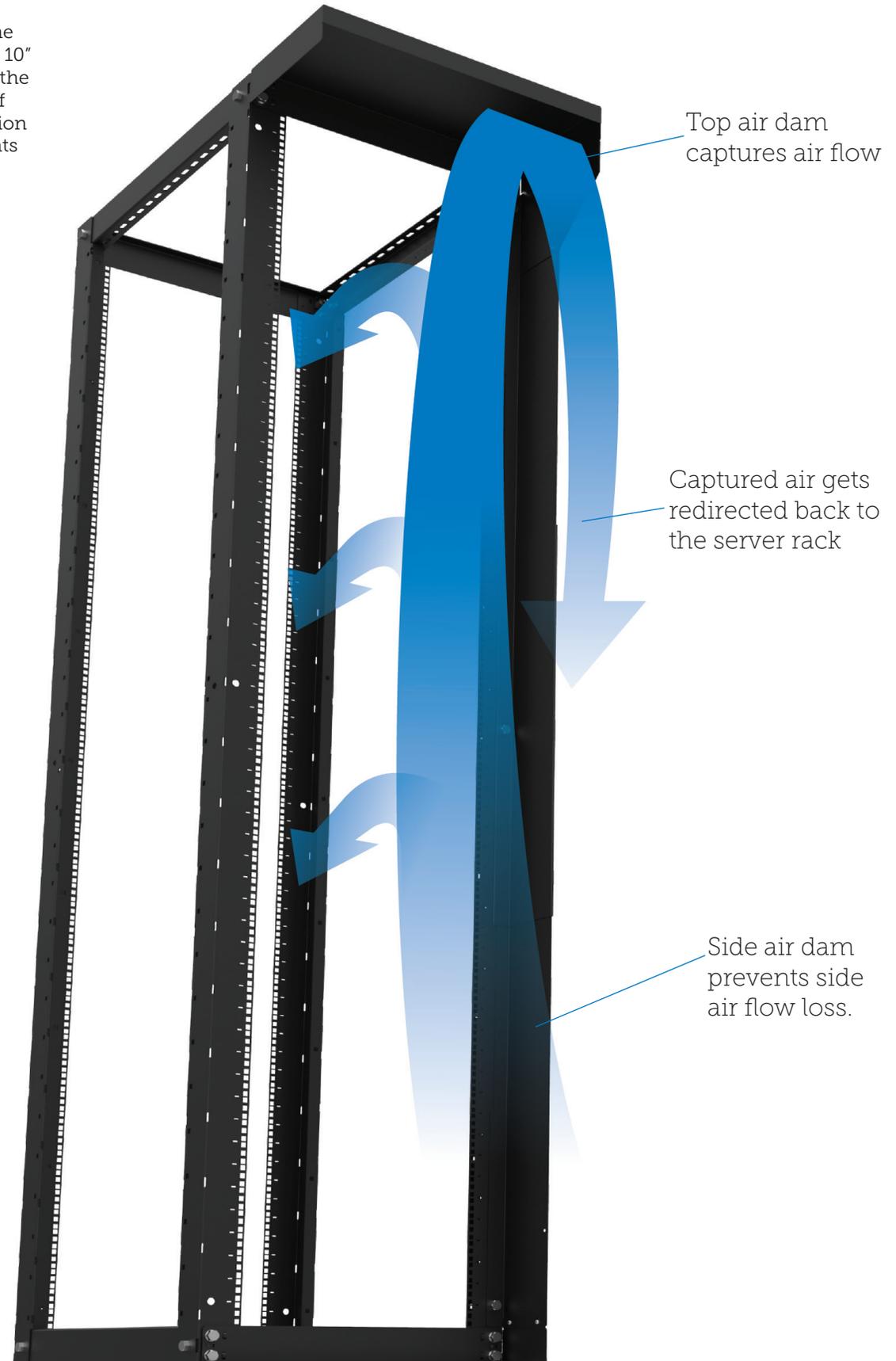
RackSolutions is a market leader in IT infrastructure products.

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.

Ontario, **Canada**
Warrington, **United Kingdom**
Munsbach, **Luxembourg**
Texas, **United States**
Mexico City, **Mexico**
Hong Kong, **China**

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.

RackSolutions.com

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Rack Solutions®

A SUBSIDIARY OF
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