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Rack Cabinet, Knock-Down Design (800 lb) RCH Series

General-purpose rack cabinet designed for AV, test equipment, and light IT applications requiring ventilation and flexible configuration.



Key Features and Benefits

- 16-gauge steel construction (800 lb **capacity**) provides reliable support for AV, lab, and light IT equipment.
- Knock-down cabinet design (ships unassembled) supports easier transport, handling, and installation in constrained spaces.
- Two (2) pairs of adjustable depth EIA-310 compliant round-hole mounting rails support standard rack equipment. Includes a starter pack of 10-32 screws and clip nuts.
- Open frame cabinet structure with optional panels and doors supports flexible configurations for ventilation and access.
- Simple assembly with self-squaring design allows quick installation using minimal hardware.
- Includes PVC non-marking feet and lifting handles supports mobility and surface protection.
- Available in multiple heights and depths supports a wide range of equipment and installation requirements.
- TAA-compliant, manufactured in North America supports government procurement requirements and ensures consistent quality.
- Textured black or light gray powder coat finish (GREENGUARD, TSCA, RoHS compliant) supports indoor air quality and environmental compliance.

The RCH Series rack cabinet provides a flexible and cost-effective solution for mounting 19-inch equipment in AV, lab, and light IT environments. With an 800 lb load rating and knock-down design, it supports easy transport and installation in a wide range of applications.

Designed for versatility, the RCH features adjustable mounting rails, optional panels and doors, and a ventilated structure, making it ideal for installations requiring accessibility, airflow, and simple configuration.

Where the series works best

- AV and media installations.
- Test and measurement environments.
- Industrial control and automation systems.
- Small IT and network setups.
- Lab and development environments.

Applications and when to use the series

- Applications needing ventilated enclosures for passive cooling.
- Environments where flexibility and simple configuration are important.
- Deployments requiring knock-down cabinets for easier transport and assembly.
- Installations supporting AV, lab, or light network equipment.

When another product may be a better choice

- When you need a fully assembled cabinet with pre-installed components for AV installations, consider our **RB-AV** Series.
- When you need a modular cabinet system for scalable configurations, consider our **RCK** Series.
- When you need a compact cabinet solution with vertical stacking capability, consider our **RCSC** Series.
- When you need a wall-mounted cabinet to save floor space, consider our **SDC** Series.



This product is not designed nor intended to be wall mounted.

Accessories

- Solid Locking Door
- Mounting Screw and Clip Nut Combo-Pack
- Heavy Duty Rack Support Angle Reinforced Steel (200 lb Capacity)
- Rack Shelf Slide Block
- We Manufacture PDUs and Outlet Strips
- Rack Mount Locking Storage Drawer
- Ground Stud Kit

RCHS (Solid Sides)

Part No. Black	Part No. RAL 7035 Light Gray	Overall Dimensions			Rack Units	Usable Mounting Dimensions			Included Clip Nuts and Screws
		Height	Width	Depth		Height	Width	Depth	
RCHS1900817BK1	RCHS1900817LG1	10.75	21.00	17.50	5U	8.75	19.00	16.25	8
RCHS1901017BK1	RCHS1901017LG1	12.50	21.00	17.50	6U	10.50	19.00	16.25	16
RCHS1901417BK1	RCHS1901417LG1	16.00	21.00	17.50	8U	14.00	19.00	16.25	16
RCHS1901717BK1	RCHS1901717LG1	19.50	21.00	17.50	10U	17.50	19.00	16.25	16
RCHS1902217BK1	RCHS1902217LG1	24.75	21.00	17.50	13U	22.75	19.00	16.25	16
RCHS1902817BK1	RCHS1902817LG1	30.00	21.00	17.50	16U	28.00	19.00	16.25	16
RCHS1901024BK1	RCHS1901024LG1	12.50	21.00	24.50	6U	10.50	19.00	23.25	16
RCHS1901424BK1	RCHS1901424LG1	16.00	21.00	24.50	8U	14.00	19.00	23.25	16
RCHS1901724BK1	RCHS1901724LG1	19.50	21.00	24.50	10U	17.50	19.00	23.25	16
RCHS1902224BK1	RCHS1902224LG1	24.75	21.00	24.50	13U	22.75	19.00	23.25	16
RCHS1902824BK1	RCHS1902824LG1	30.00	21.00	24.50	16U	28.00	19.00	23.25	16
RCHS1901031BK1	RCHS1901031LG1	12.50	21.00	31.50	6U	10.50	19.00	30.25	16
RCHS1901431BK1	RCHS1901431LG1	16.00	21.00	31.50	8U	14.00	19.00	30.25	16
RCHS1901731BK1	RCHS1901731LG1	19.50	21.00	31.50	10U	17.50	19.00	30.25	16
RCHS1902231BK1	RCHS1902231LG1	24.75	21.00	31.50	13U	22.75	19.00	30.25	16
RCHS1902831BK1	RCHS1902831LG1	30.00	21.00	31.50	16U	28.00	19.00	30.25	16

RCHV (Vented Sides)

Part No. Black	Part No. RAL 7035 Light Gray	Overall Dimensions			Rack Units	Usable Mounting Dimensions			Included Clip Nuts and Screws
		Height	Width	Depth		Height	Width	Depth	
RCHV1900817BK1	RCHV1900817LG1	10.75	21.00	17.50	5U	8.75	19.00	16.25	8
RCHV1901017BK1	RCHV1901017LG1	12.50	21.00	17.50	6U	10.50	19.00	16.25	16
RCHV1901417BK1	RCHV1901417LG1	16.00	21.00	17.50	8U	14.00	19.00	16.25	16
RCHV1901717BK1	RCHV1901717LG1	19.50	21.00	17.50	10U	17.50	19.00	16.25	16
RCHV1902217BK1	RCHV1902217LG1	24.75	21.00	17.50	13U	22.75	19.00	16.25	16
RCHV1901024BK1	RCHV1901024LG1	12.50	21.00	24.50	6U	10.50	19.00	23.25	16
RCHV1901424BK1	RCHV1901424LG1	16.00	21.00	24.50	8U	14.00	19.00	23.25	16
RCHV1901724BK1	RCHV1901724LG1	19.50	21.00	24.50	10U	17.50	19.00	23.25	16
RCHV1902224BK1	RCHV1902224LG1	24.75	21.00	24.50	13U	22.75	19.00	23.25	16
RCHV1902824BK1	RCHV1902824LG1	30.00	21.00	24.50	16U	28.00	19.00	23.25	16
RCHV1901031BK1	RCHV1901031LG1	12.50	21.00	31.50	6U	10.50	19.00	30.25	16
RCHV1901431BK1	RCHV1901431LG1	16.00	21.00	31.50	8U	14.00	19.00	30.25	16

Part No.	Part No.	Overall Dimensions			Rack	Usable Mounting Dimensions			Included Clip Nuts and Screws
		Height	Width	Depth		Height	Width	Depth	
Black	RAL 7035 Light Gray				Units				
RCHV1901731BK1	RCHV1901731LG1	19.50	21.00	31.50	10U	17.50	19.00	30.25	16
RCHV1902231BK1	RCHV1902231LG1	24.75	21.00	31.50	13U	22.75	19.00	30.25	16
RCHV1902831BK1	RCHV1902831LG1	30.00	21.00	31.50	16U	28.00	19.00	30.25	16

RCH Accessories

Use with Cabinet Panel Height		Part No.	Part No.	
Rack Units	Height		RAL 7035 Black Door	RAL 7035 Light Gray Door
				Part No. Additional Pair of Mounting Rails
5U	8.75	RCHD1908BK1	RCHD1908LG1	RCHR1908
6U	10.50	RCHD1910BK1	RCHD1910LG1	RCHR1910
8U	14.00	RCHD1914BK1	RCHD1914LG1	RCHR1914
10U	17.50	RCHD1917BK1	RCHD1917LG1	RCHR1917
13U	22.75	RCHD1922BK1	RCHD1922LG1	RCHR1922
16U	28.00	RCHD1928BK1	RCHD1928LG1	RCHR1928

Optional Caster Kit

Part No.	Strength	Style/ Material	Overall Height		Hole Mounting Pattern		Caster Set Weight Capacity	Qty Included In Set	Qty with Brakes Included
			Wheel Diameter	Added to Cabinet	Width	Depth			
1425BLSOFT	Light Duty	Soft Thermoplastic	2.95	3.50	1.75	3.00	660 lbs (299 kg)	4	4
1425BM	Medium Duty	Hard Composition	3.00	3.81	1.75	3.00	700 lbs (318 kg)	4	0
1425BH	Heavy Duty	Hard Composition	3.00	3.81	1.75	3.00	1,050 lbs (476 kg)	4	0
1425BHLOCK	Heavy Duty	Hard Composition	3.00	3.81	1.75	3.00	1,050 lbs (476 kg)	4	4

Tags: rack cabinet, equipment rack cabinet, AV rack cabinet, lab rack cabinet, test equipment rack, network cabinet, 19 inch cabinet, rack enclosure, ventilated cabinet, small rack cabinet *Data subject to change without notice*

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