

RIVECO OFCO5522

RIVECO 22U Network Rack Instruction Manual

Model: OFCO5522

PRODUCT OVERVIEW

The RIVECO 22U Network Rack is a versatile, floor-standing solution designed for organizing 19-inch network equipment, stereo gear, and other devices. Featuring reinforced top and bottom vented plates, this rack provides a balance of structural integrity and optimal air ventilation. It includes two rack shelves and a rail mount PDU for comprehensive setup. The rack is constructed from high-quality SPCC cold-rolled steel with a black RAL9005 powder coat finish for durability and resistance to scratching and rusting.





Figure 1: Fully assembled RIVECO 22U Network Rack with various devices.

SETUP AND ASSEMBLY

The RIVECO 22U Network Rack is designed for simple assembly. All necessary hardware, including assembly screws, nuts, leveling feet, casters, and a PDU, are included. An electric driver is recommended to expedite the assembly process.

Included Components:

- Rack Frame Components (Side Frames, Top/Bottom Front Beams, Rear Beams, Top Cover, Bottom Panel)
- 2 x Rack Shelves
- 1 x Rail Mount PDU (8 outlets)
- Casters (2 with brake, 2 without brake)

- Leveling Feet (4)
- Assembly Screws & Nuts (M5 & M6)
- 10-32 Screws for sound equipment mounting
- Wrench

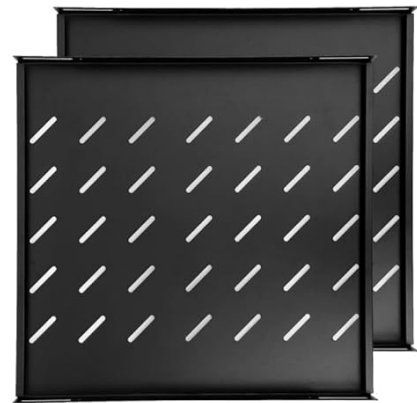
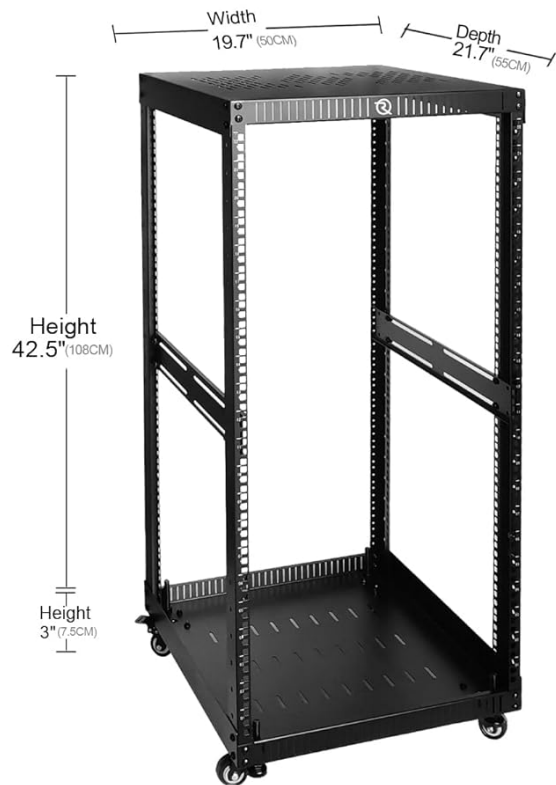
Assembly Steps:

1. **Install Vertical Posts:** Attach the four vertical posts to the bottom panel using the provided M6 screws. Ensure the posts are correctly oriented with the numbered units facing outwards.
2. **Install Top Frame:** Secure the top frame to the vertical posts using M6 screws.
3. **Attach Top Cover:** Place the top cover onto the assembled frame and fasten it with M4.4 screws.
4. **Install Rack Mount Shelves:** Position the two rack shelves at desired heights within the rack and secure them using the appropriate screws and cage nuts.
5. **Install Shelf Back Supports:** Attach the shelf back supports to the rear vertical posts to provide additional stability for the shelves.
6. **Install Casters or Leveling Feet:**
 - For mobility, install the four casters (two with brakes) onto the bottom panel.
 - For stationary and heavier loads (up to 500 lbs / 220 kg), install the four leveling feet instead of casters to secure the rack to the floor. For lighter loads (up to 400 lbs / 180 kg), casters can be used.
7. **Install Rail Mount PDU:** Mount the 8-outlet PDU to a suitable position on the rack for power distribution.

Video 1: Assembly guide for a RIVECO Floor Server Rack, demonstrating the installation of components including shelves and PDU.

DIMENSIONS

6U 9U 12U 15U 18U **22U** 25U



Due to different batches of products, the appearance of rack shelves and PDU may be vary.

Inclusive parts

	Casters*2		Leveling feet*4		M6 screws (in 1 pack,assembly rack)
	Casters with brake*2		10-32 screws (in 1 pack)		M6 screws (in 1 pack,equipment mounting)

Figure 2: Detailed dimensions and inclusive parts of the RIVECO 22U Network Rack.

OPERATING INSTRUCTIONS

Once assembled, the RIVECO 22U Network Rack is ready to house your 19-inch rack-mountable equipment.

Mounting Equipment:

- The rack features both round and square holes on its vertical beams.
- Use the round holes for sound equipment mounting with 10-32 screws.
- Use the square holes for rack shelves and 19-inch network equipment mounting with M5 & M6 screws.
- Ensure equipment is securely fastened to prevent movement or damage.

ROUND HOLES ON POST

Round holes are for stereo devices, mounting with 10-32 screws.



SQUARE HOLES ON POST

Square holes are for network equipment, mounting with M5/M6 screws.



Figure 3: Illustration of round holes for stereo devices and square holes for network equipment.

Power Distribution:

Utilize the included 8-outlet PDU to power your rack-mounted devices. Ensure all power cables are managed neatly to avoid obstruction and promote airflow.

Airflow and Ventilation:

The reinforced top and bottom panels feature vented designs to facilitate air circulation, helping to prevent equipment overheating. Maintain adequate spacing between devices where possible to optimize airflow.

DETAILS

6U 9U 12U 15U 18U **22U** 25U



Due to different batches of products, the appearance of rack shelves and PDU may be vary.

Figure 4: Key features of the RIVECO Network Rack, highlighting ventilation and mobility options.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RIVECO Network Rack.

- **Cleaning:** Periodically wipe down the rack with a soft, dry cloth to remove dust and debris. Avoid abrasive cleaners that may damage the powder coat finish.
- **Fastener Check:** Regularly inspect all screws and nuts to ensure they remain tight. Tighten any loose fasteners to maintain structural stability.
- **Caster/Leveling Feet Inspection:** If using casters, check for smooth operation and ensure brakes are functional when engaged. If using leveling feet, verify they are securely seated and providing stable support.

TROUBLESHOOTING

- **Instability:** If the rack feels unstable, ensure all assembly screws are tightened. If using casters, verify they are locked. For heavy equipment, always use the leveling feet to secure the rack to the floor and distribute

weight evenly.

- **Equipment Mounting Issues:** Double-check that you are using the correct screw types (10-32 for round holes, M5/M6 for square holes) and cage nuts for your equipment.
- **Overheating Devices:** Ensure adequate space between devices for airflow. Verify that the rack's vented panels are not obstructed.
- **Damaged Parts:** Upon receiving the product, inspect all components for any damage. Contact customer support immediately if any parts are bent or damaged, as this may affect assembly and stability.

SPECIFICATIONS

Attribute	Detail
Brand	RIVECO
Model Number	OFCO5522
Size	22U
Product Dimensions (D x W x H)	21.7"D x 19.7"W x 45.5"H (with casters)
Material	SPCC Cold-Rolled Alloy Steel
Color	Black (RAL9005 powder coat finish)
Weight Capacity (with leveling feet)	Maximum 500 lbs (220 kg)
Weight Capacity (with casters)	Maximum 400 lbs (180 kg)
Mounting Type	Floor Mount (with optional wall mounting capability)
Compatible Devices	19" standard equipment (HP, DELL, IBM, CISCO, LENOVO, Servers)
Included Accessories	2 Rack Shelves, 1 Rail Mount PDU, Leveling Feet, Casters, Assembly Hardware

WARRANTY

The RIVECO 22U Network Rack comes with a 2-year warranty from the manufacturer. Please retain your proof of purchase for warranty claims.

SUPPORT

For any questions, technical assistance, or warranty claims, please contact RIVECO customer support. Refer to the contact information provided with your product packaging or visit the official RIVECO website.

