

## Qoltec 54465

# Qoltec 19" RACK Cabinet | 6U | 600 x 370 x 600 - User Manual

Model: 54465

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Qoltec 19" RACK Cabinet (Model 54465). Please read this manual thoroughly before using the product to ensure safe and efficient operation.

Qoltec RACK cabinets are designed for storing servers, network peripherals, UPS devices, and switches. Their primary function is to secure equipment, ensure stable operation, and maintain an organized IT environment. These cabinets are utilized across various sectors, including information technology, energy, and general industry. They feature rubber damping feet for stability and an integrated ventilation system, primarily through vents, to manage internal temperatures.



Figure 1: Front view of the Qoltec 19" 6U RACK Cabinet. This image displays the cabinet's front, featuring a glass door with a lock and the Qoltec brand logo.

## 2. SAFETY INFORMATION

- Ensure the cabinet is placed on a stable, level surface capable of supporting its weight and the weight of all installed equipment.
- Do not exceed the maximum static load capacity of 70 kg.
- Keep ventilation openings clear to prevent overheating.

- Only qualified personnel should perform installation and maintenance tasks.
- Use appropriate tools for assembly and disassembly.
- Keep children and pets away from the cabinet during installation and operation.

### 3. PACKAGE CONTENTS

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Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact your supplier immediately.

- Qoltec RACK Cabinet (Model 54465)
- Mounting Screws
- Front Door Lock with Keys
- Rubber Damping Feet

### 4. SETUP AND INSTALLATION

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The Qoltec RACK cabinet is designed for easy installation. Follow these steps for proper setup:

1. **Unpacking:** Carefully remove the cabinet from its packaging. Inspect for any shipping damage.
2. **Placement:** Choose a suitable location that is dry, well-ventilated, and has a stable floor. Ensure adequate space around the cabinet for air circulation and access.
3. **Install Damping Feet:** Attach the provided rubber damping feet to the bottom of the cabinet to reduce vibrations and protect the floor.
4. **Accessing Interior:** The cabinet features a glass front door with a lock and removable side panels for easy access during installation and maintenance. Use the provided keys to unlock the front door.
5. **Equipment Mounting:** Install your servers, network devices, UPS, or switches onto the internal mounting rails. Ensure equipment is securely fastened using appropriate screws. The cabinet supports 19-inch rack-mountable equipment.
6. **Cable Management:** Utilize the available cable routing options to organize and secure power and data cables. This helps maintain airflow and prevents damage.
7. **Ventilation:** The cabinet includes installed fans and vents for cooling. Ensure these are not obstructed.

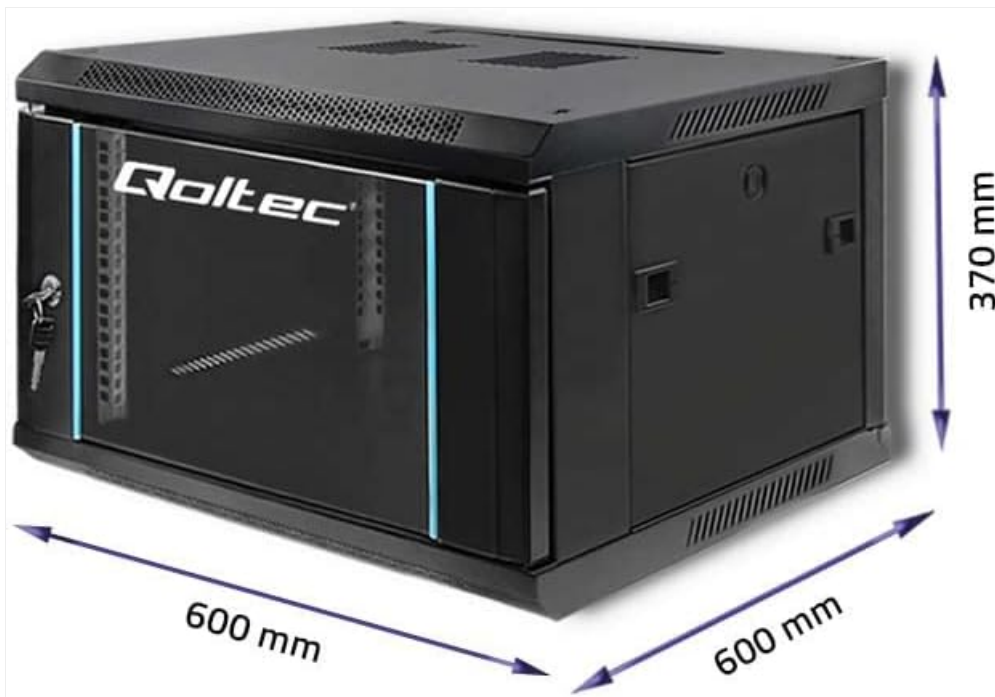


Figure 2: Dimensions of the Qoltec RACK Cabinet. The image illustrates the cabinet's width (600 mm), depth (600 mm), and height (370 mm).

## 5. OPERATING INSTRUCTIONS

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Once the equipment is installed and secured, the cabinet operates passively by providing a secure and organized environment. Key operational aspects include:

- **Security:** Keep the front glass door locked to prevent unauthorized access to your valuable equipment.
- **Ventilation:** The integrated fans and vents facilitate airflow. Monitor the temperature of your equipment to ensure adequate cooling.
- **Access:** For routine checks or minor adjustments, use the front door. For more extensive work, the removable side panels provide full access.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your RACK cabinet.

- **Cleaning:** Periodically clean the exterior of the cabinet with a soft, damp cloth. Avoid abrasive cleaners. For the glass door, use a standard glass cleaner.
- **Ventilation Check:** Ensure all vents and fan openings are free from dust and obstructions. Dust accumulation can impair cooling efficiency.
- **Hardware Inspection:** Periodically check all screws and fasteners to ensure they are tight. Re-tighten if necessary.
- **Lock Functionality:** Test the front door lock regularly to ensure it functions correctly.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cabinet feels unstable.	Uneven floor; damping feet not properly installed; heavy equipment not evenly distributed.	Ensure cabinet is on a level surface. Check and adjust damping feet. Redistribute equipment weight evenly.
Equipment inside is overheating.	Obstructed vents/fans; insufficient airflow; ambient room temperature too high.	Clear all vents and fan openings. Ensure proper cable management to improve airflow. Lower room temperature if possible. Consider additional cooling solutions if needed.
Front door lock is stiff or not working.	Dust or debris in the lock mechanism; minor misalignment.	Clean the lock mechanism. Apply a small amount of graphite lubricant if necessary. Check for any physical obstructions or damage.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Qoltec
Model Number	54465
Unit Height	6U
Material	SPCC Cold Rolled Steel, Tempered Glass
Maximum Static Load	70 kg
Color	Black
Dimensions (L x W x H)	600 x 370 x 600 mm
Net Weight	18.70 kg
Compatible Devices	Servers, Network Peripherals, UPS, Switches
Key Features	Vitrified front door with lock, Installed fans, Removable side panels, Easy installation, Robust construction
Assembly Required	No (refers to the cabinet itself, but internal equipment installation is required)

## 9. WARRANTY AND SUPPORT

Information regarding specific warranty terms is not available in the provided product details. For warranty claims or technical support, please contact your point of purchase or the official Qoltec support channels. Ensure you have your model number (54465) and proof of purchase ready.

For further assistance, you may visit the [Qoltec brand page on Amazon](#).





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