Tecmojo 15160201

Tecmojo 1U Rack Mount Cooling Fans with Thermostat

Model: 15160201

Introduction

This manual provides instructions for the installation, operation, and maintenance of your Tecmojo 1U Rack Mount Cooling Fan system. This unit is designed to provide efficient and controlled cooling for rackmount cabinets, ensuring optimal performance and longevity of your equipment.
The system features a 4-fan configuration, an integrated thermostat with a digital display, and adjustable temperature control to maintain desired thermal conditions within your rack.

Safety Information

- Read all instructions before installation and operation.
- Ensure the power supply matches the unit's requirements.
- Do not operate the unit with damaged cords or plugs.
- Keep hands and foreign objects away from moving fan blades.
- Disconnect power before performing any maintenance or cleaning.
- Install the unit in a well-ventilated area, ensuring proper airflow.

Package Contents

Verify that all components listed below are included in your package:



This image displays the complete package contents for the Tecmojo 1U Rack Mount Cooling Fan, including the instruction manual, M6 screws (x4), 10-32 screws (x8), 12-24 screws (x8), and 12-24 cage nuts (x8).

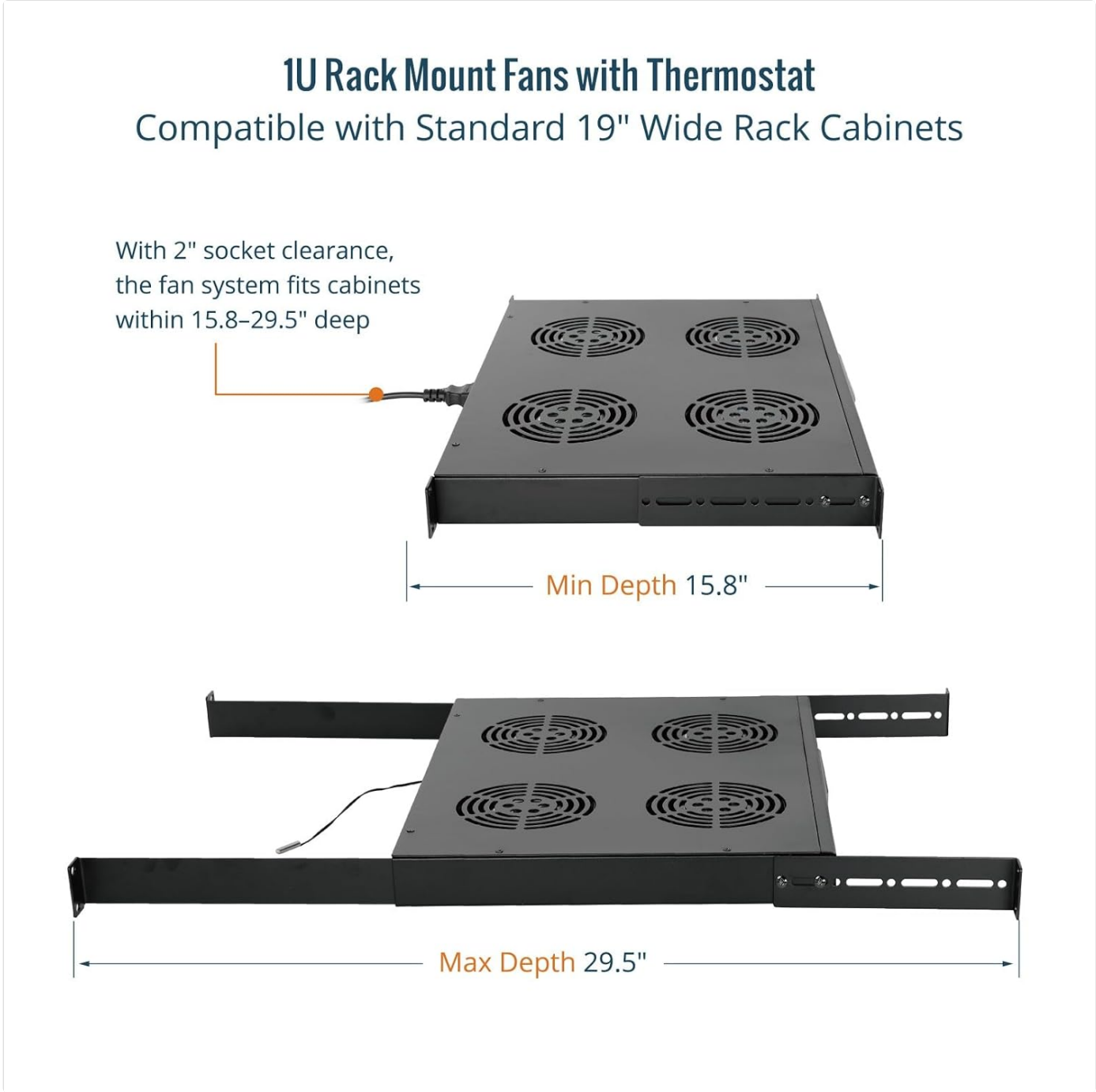
- Tecmojo 1U Rack Mount Cooling Fan Unit
- Instruction Manual
- M6 Screws (x4)
- 10-32 Screws (x8)
- 12-24 Screws (x8)
- 12-24 Cage Nuts (x8)

Setup and Installation

The Tecmojo 1U Rack Mount Cooling Fan is designed for easy installation into any standard 19-inch rack cabinet.

Adjustable Depth

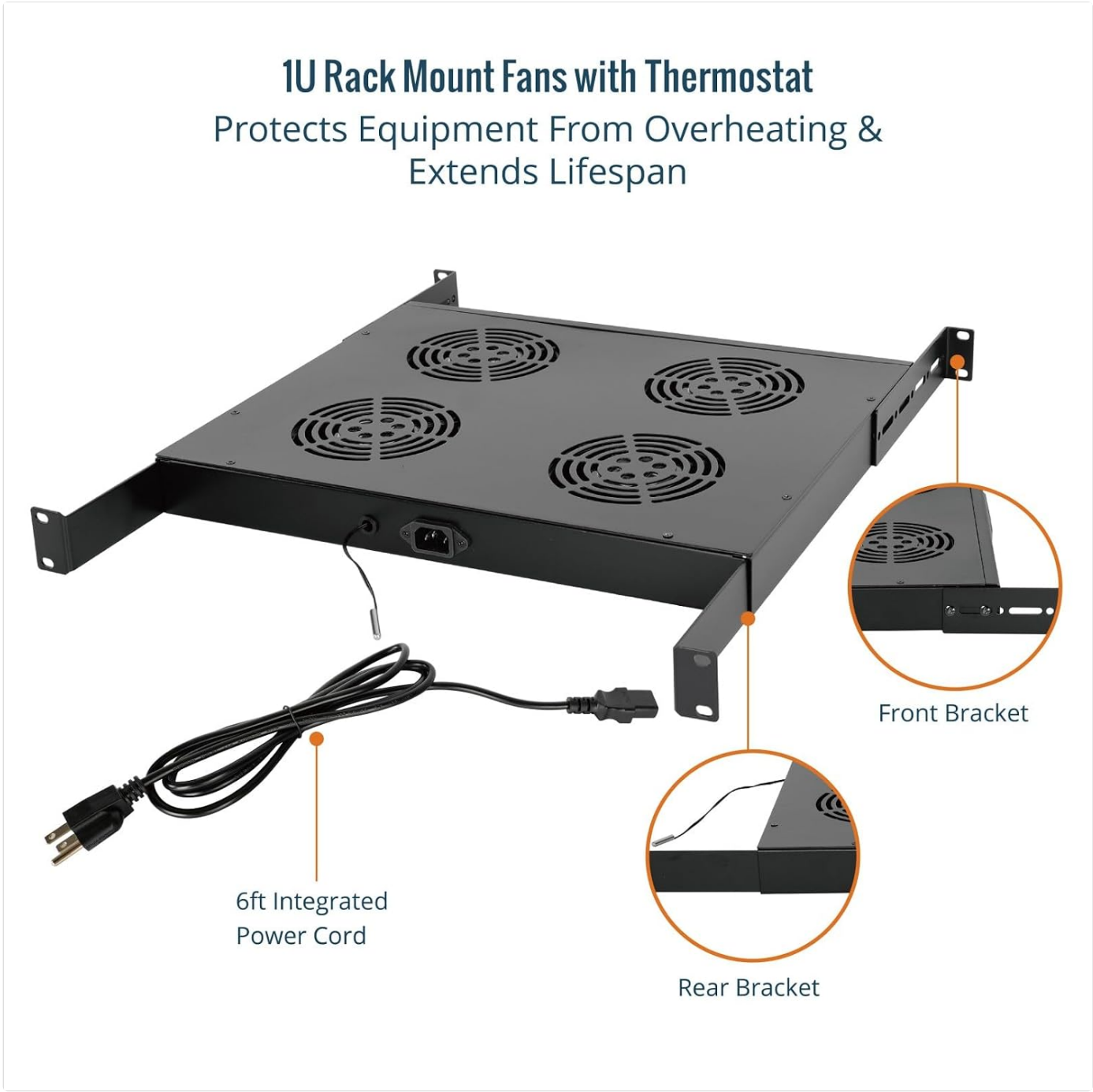
The unit features adjustable mounting brackets to accommodate rack depths between 15.8 inches and 29.5 inches.



This diagram illustrates the adjustable depth feature of the Tecmojo 1U Rack Mount Cooling Fan, showing how it can fit standard 19-inch wide rack cabinets with depths ranging from 15.8 inches to 29.5 inches.

Mounting Steps

1. Determine the desired position for the cooling unit within your 19-inch rack.
2. Adjust the mounting brackets on the cooling unit to match the depth of your rack. Secure the brackets using the provided screws.
3. Align the mounting holes on the unit's brackets with the corresponding holes on the rack rails.
4. Insert the appropriate screws (M6, 10-32, or 12-24) and cage nuts (if applicable) to secure the unit firmly to the rack.
5. Connect the integrated 6ft power cord to a suitable NEMA 5-15P power outlet.



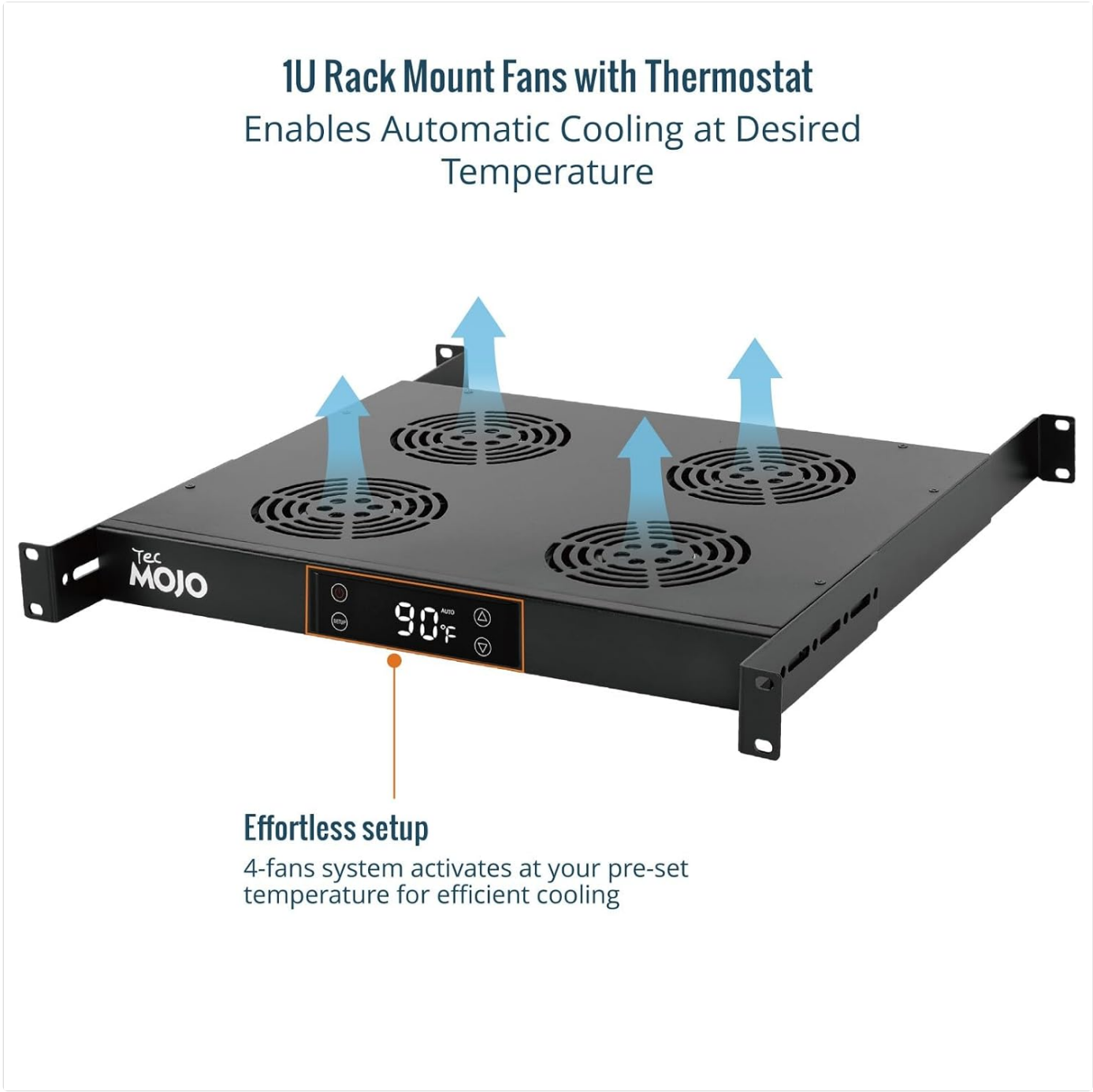
This image shows the rear view of the Tecmojo 1U Rack Mount Cooling Fan, featuring its 6ft integrated power cord. Insets highlight the front and rear mounting brackets for installation.

Operating Instructions

The Tecmojo cooling system features an intuitive LCD display and adjustable temperature control for efficient operation.

Temperature Control

The unit's thermostat allows you to set a desired temperature. The 4-fan system will automatically activate when the rack temperature exceeds this preset value, and deactivate once the temperature falls below it, ensuring precise cooling.



An image of the Tecmojo 1U Rack Mount Cooling Fan demonstrating its top exhaust airflow design with blue arrows indicating hot air moving upwards. The digital display shows a temperature reading of 90°F, indicating the thermostat-controlled operation.

LCD Display

The user-friendly LCD display provides real-time temperature monitoring. Use the control buttons adjacent to the display to adjust the desired temperature setting.

Airflow

The system employs an efficient top exhaust airflow design, which actively pumps hot air upward and out of the rack cabinet, promoting effective heat dissipation and preventing heat buildup.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your cooling unit.

- **Cleaning:** Periodically clean the fan grilles and blades to prevent dust accumulation, which can impede airflow and

reduce cooling efficiency. Use a soft, dry cloth or a low-pressure air duster. Ensure the unit is powered off and unplugged before cleaning.

- **Inspection:** Routinely check the power cord for any signs of damage. Inspect mounting screws to ensure they remain tight and secure.
- **Environment:** Ensure the rack environment remains free of obstructions that could block airflow to or from the cooling unit.

Troubleshooting

If you encounter issues with your Tecmojo 1U Rack Mount Cooling Fan, refer to the following common troubleshooting steps:

- **Unit Not Powering On:**
  - Check that the power cord is securely plugged into both the unit and a functional power outlet.
  - Verify that the power outlet is receiving power.
- **Fans Not Running:**
  - Ensure the unit is powered on.
  - Check the thermostat setting. The fans will only activate when the ambient temperature exceeds the set temperature.
  - Confirm there are no obstructions preventing fan rotation.
- **Ineffective Cooling:**
  - Verify that the set temperature is appropriate for your cooling needs.
  - Ensure proper airflow within the rack; remove any obstructions.
  - Clean any dust or debris from the fan grilles and blades.

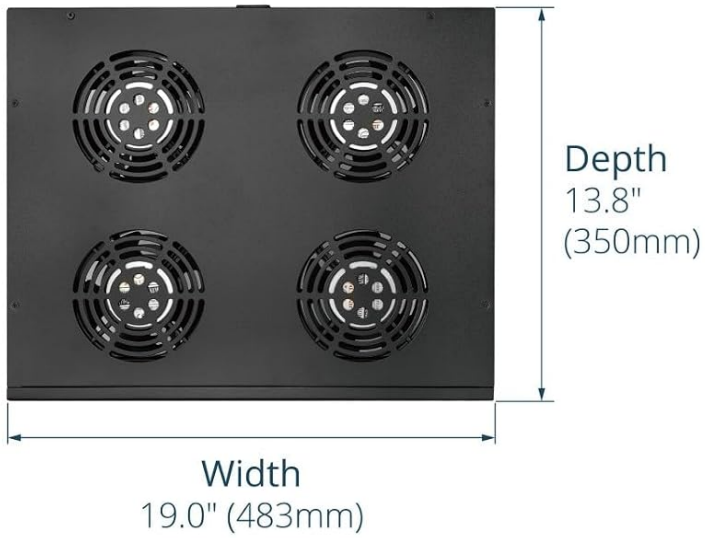
If problems persist after attempting these steps, please contact Tecmojo customer support.

Specifications

Detailed specifications for the Tecmojo 1U Rack Mount Cooling Fan:

SPECIFICATIONS





1U Rack Space	Dimensions:19.0"W x 13.8"D x 1.75"H
Made of High Quality Steel	Plug: NEMA5-15P
Smart Thermostat-Controlled Fans	EIA/ECA-310-E Compliant

This image displays the Tecmojo 1U Rack Mount Cooling Fan unit, highlighting its 1U rack space, 19.0 inch (483mm) width, and 13.8 inch (350mm) depth. Key specifications such as 'Made of High Quality Steel', 'Smart Thermostat-Controlled Fans', 'NEMA5-15P Plug', and 'EIA/ECA-310-E Compliant' are also listed.

Feature	Detail
Brand	Tecmojo
Model Number	15160201
Rack Space	1U
Dimensions (W x D x H)	19.0" x 13.8" x 1.75" (483mm x 350mm x 44.5mm)
Adjustable Depth	15.8" to 29.5"
Number of Fans	4
Cooling Method	Forced Air, Top Exhaust

Temperature Control	Thermostat with Digital Display
Power Connector Type	NEMA 5-15P
Material	Alloy Steel
Item Weight	13.3 Pounds
Compliance	EIA/ECA-310-E Compliant

Warranty and Support

Warranty Information

The Tecmojo 1U Rack Mount Cooling Fan comes with a 3-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, warranty claims, or any questions regarding your Tecmojo product, please contact Tecmojo Official Store customer support. You can typically find contact information on the seller's page where the product was purchased or through the official Tecmojo website.
For online purchases, refer to your order details for specific seller contact information.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question