MARS HYDRO M6

MARS HYDRO M6 Grow Tent Fan Instruction Manual

Model: M6

1. PRODUCT OVERVIEW

The MARS HYDRO M6 Grow Tent Fan is designed to provide efficient air circulation and ventilation within hydroponic grow tents. It features adjustable oscillation, multiple speed settings, and smart control capabilities to support healthy plant growth.

Image 1.1: Two MARS HYDRO M6 Grow Tent Fans, demonstrating their clip-on design for vertical poles.

2. PACKAGE CONTENTS

- MARS HYDRO M6 Clip-On Fan (quantity as purchased)
- USB Power Cable (98.4 inches / 2.5 meters)
- 5V 2A Power Adapter
- Instruction Manual

3. SETUP AND INSTALLATION

Follow these steps to properly set up your MARS HYDRO M6 Grow Tent Fan:

1. **Choose Location:** Select a suitable location within your grow tent. The fan is designed to clip onto

vertical tent poles.

2. **Attach Fan:** Open the strong grip clip and securely attach the fan to a tent pole. The clip is designed for poles between 0.63 to 0.9 inches (16-23mm) in diameter. Ensure the protective thick rubber pad is in place to prevent slipping and protect the pole.

SPECIFICATIONS

Power: 9W
Weight: 0.68KG
Voltage: 110-240V AC

Size: 6.7 inches
Speeds: 2300RPM
Mode: 1-10 Speed

MARSHYDRØ

9.4"
(24CM)

5.1"
(13CM)

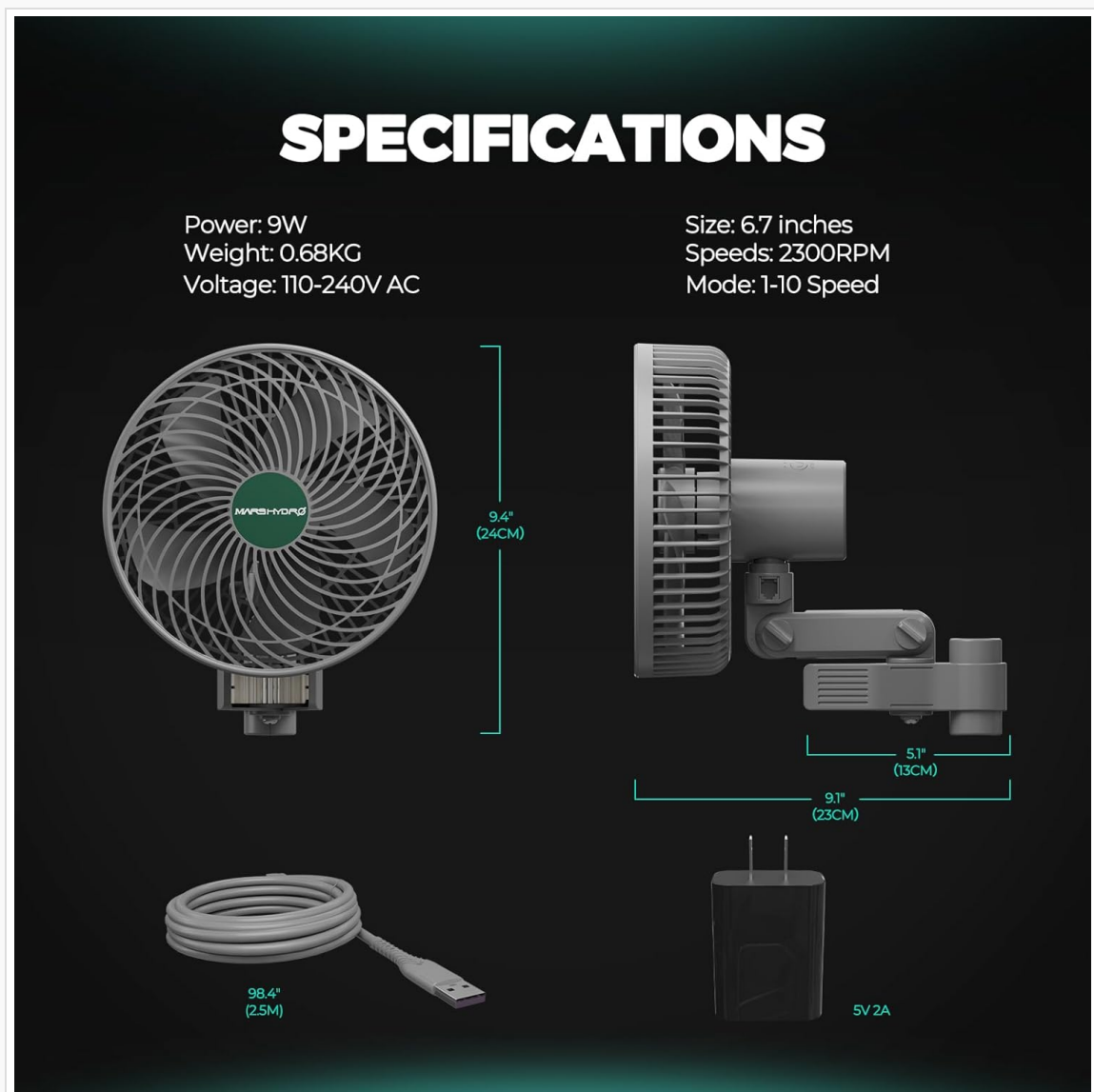9.1"
(23CM)

98.4"
(2.5M)

5V 2A

Image 3.1: Detail of the fan's strong grip clip with its protective rubber pad, designed for secure attachment to tent poles.

3. **Adjust Angle:** Position the fan head to direct airflow as needed. The fan offers adjustable oscillation angles of 45° and 90°.

Image 3.2: The M6 fan installed inside a grow tent, illustrating its function in circulating air around plants.

4. **Connect Power:** Plug the USB power cable into the fan and then connect the power adapter to a standard AC outlet.

4. OPERATING INSTRUCTIONS

4.1 Manual Control

The fan features a control panel on its base for manual adjustments:

- **Power Button:** Long press for 2 seconds to turn the fan on or off.
- **Speed Adjustment:** Use the speed control buttons to select one of the 10 available speed levels.
- **Oscillation Control:** Toggle between 45° and 90° oscillation angles, or set to a fixed position.
- **Natural Wind Mode:** Activate this mode to simulate natural wind patterns, which can be beneficial for plant development.

FAN BLADE UPGRADE

5 fan blades can cut the "wind" smaller, making the airflow softer and the noise lower

upgrade

	BEFORE		Mars Hydro M6
Fan blade	3		5
Airflow	320CFM		350CFM
Gear	5		10
Noise Level	35dB		32dB

Image 4.1: The fan's natural wind mode and manual control panel, showing power and oscillation settings.

4.2 Smart WiFi Control (via MARS HYDRO APP)

For advanced control, connect your M6 fan to the iHub Pro and use the MARS HYDRO APP:

1. **Connect to iHub Pro:** Use an RJ12 cable to connect the M6 fan to an iHub Pro device (sold separately).

2. **Download App:** Download the MARS HYDRO APP on your smartphone or tablet.

3. **Pair Device:** Follow the in-app instructions to pair your M6 fan with the app via WiFi.

4. **Control Functions:** Once connected, you can control fan speed (1-10 gears), oscillation angle (45°/90°), natural wind mode, timing, and cycling functions directly from the app.

Image 4.2: The MARS HYDRO app interface demonstrating control over fan settings, including speed and oscillation.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan.
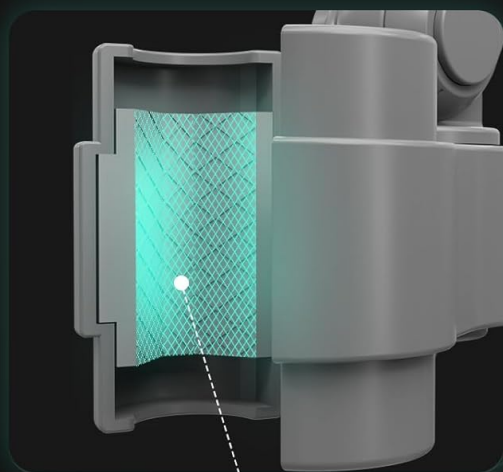
5.1 Cleaning

The M6 fan is designed for easy cleaning:

- **Disconnect Power:** Always unplug the fan from the power source before cleaning.
- **Remove Front Grille:** The front grille can be easily removed for access to the fan blades. Gently unlock the clips or twist the grille as indicated on the fan.
- **Clean Blades and Grille:** Use a soft, dry cloth or a brush to remove dust and debris from the fan blades and grille. For stubborn dirt, a slightly damp cloth can be used, ensuring no water enters the motor housing.
- **Reassemble:** Once clean and dry, reattach the front grille securely.

Image 5.1: Illustration of how to easily disassemble the front grille for cleaning the fan blades.

6. TROUBLESHOOTING

If you encounter issues with your MARS HYDRO M6 fan, refer to the following common solutions:

- **Fan Not Turning On:**

  - Ensure the power cable is securely connected to both the fan and the power adapter.
  - Verify the power adapter is plugged into a functional electrical outlet.
  - Check if the power button was long-pressed for 2 seconds.

- **Oscillation Not Working:**

  - Confirm the oscillation function is enabled via the control panel or app.
  - Ensure there are no obstructions preventing the fan head from moving.

- **Weak Airflow:**

  - Increase the fan speed setting.
  - Clean the fan blades and grille to remove any dust buildup that may restrict airflow.

- **App Connectivity Issues:**

- Ensure the iHub Pro is properly connected and powered on.
- Verify your smartphone/tablet has a stable internet connection.
- Restart the MARS HYDRO APP and attempt to re-pair the device.

For persistent issues, please contact MARS HYDRO customer support.

7. SPECIFICATIONS

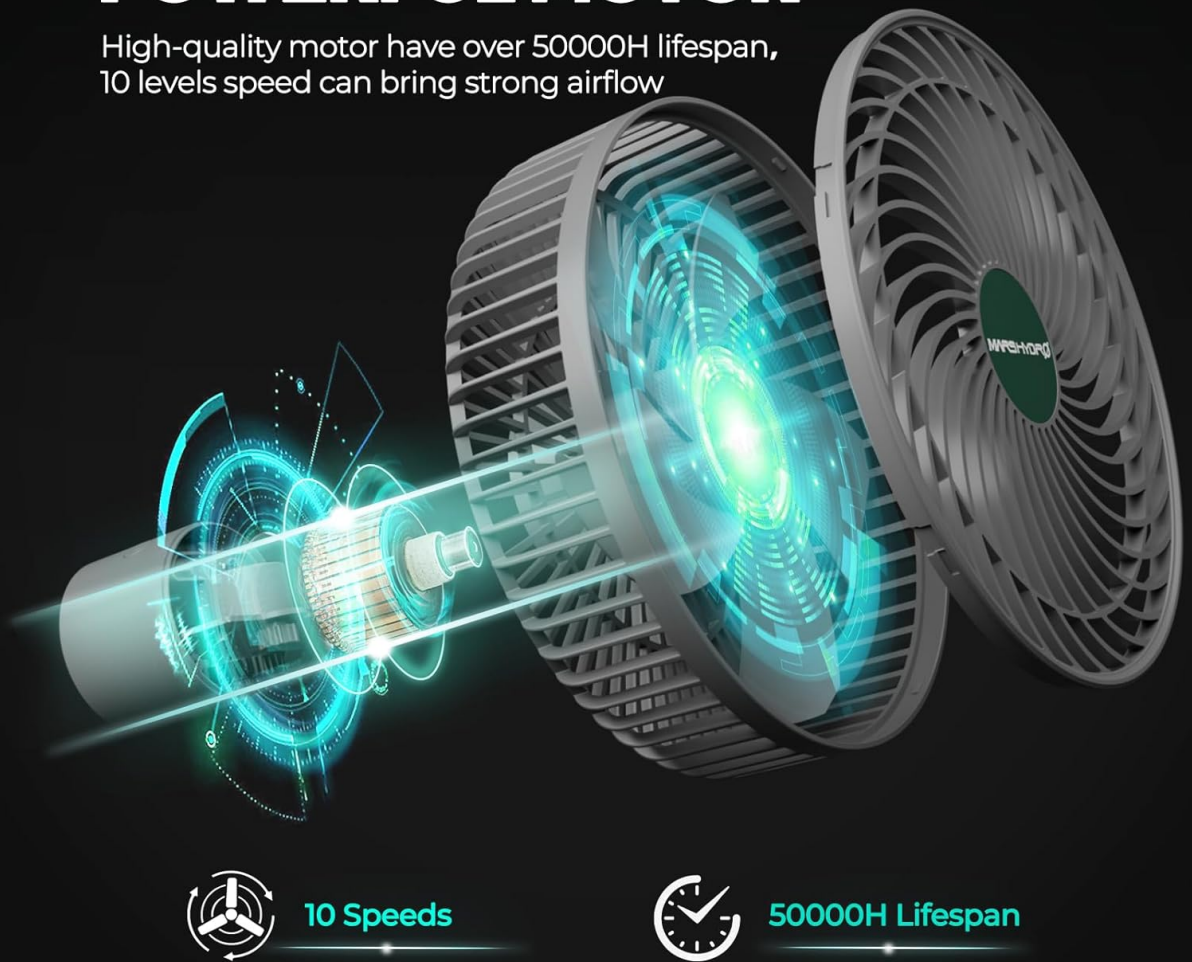| Feature	Specification
Model Name	M6
Power	9 Watts
Voltage	110-240V AC
Air Flow Capacity	350 CFM (Cubic Feet Per Minute)
Speed Levels	10
Noise Level	Below 32dB
Motor Lifespan	50,000 hours
Oscillation Angles	45°, 90°
Control Method	Manual, App (via iHub Pro)
Product Dimensions	17.32"D x 11.41"W x 5.6"H (approximate)
Item Weight	4.19 pounds (approximate)
Recommended Pole Diameter	0.63-0.9 inches (16-23mm)

Image 7.1: Illustration of the fan's powerful EC motor, emphasizing its 10 speed levels and extended 50,000-hour lifespan.
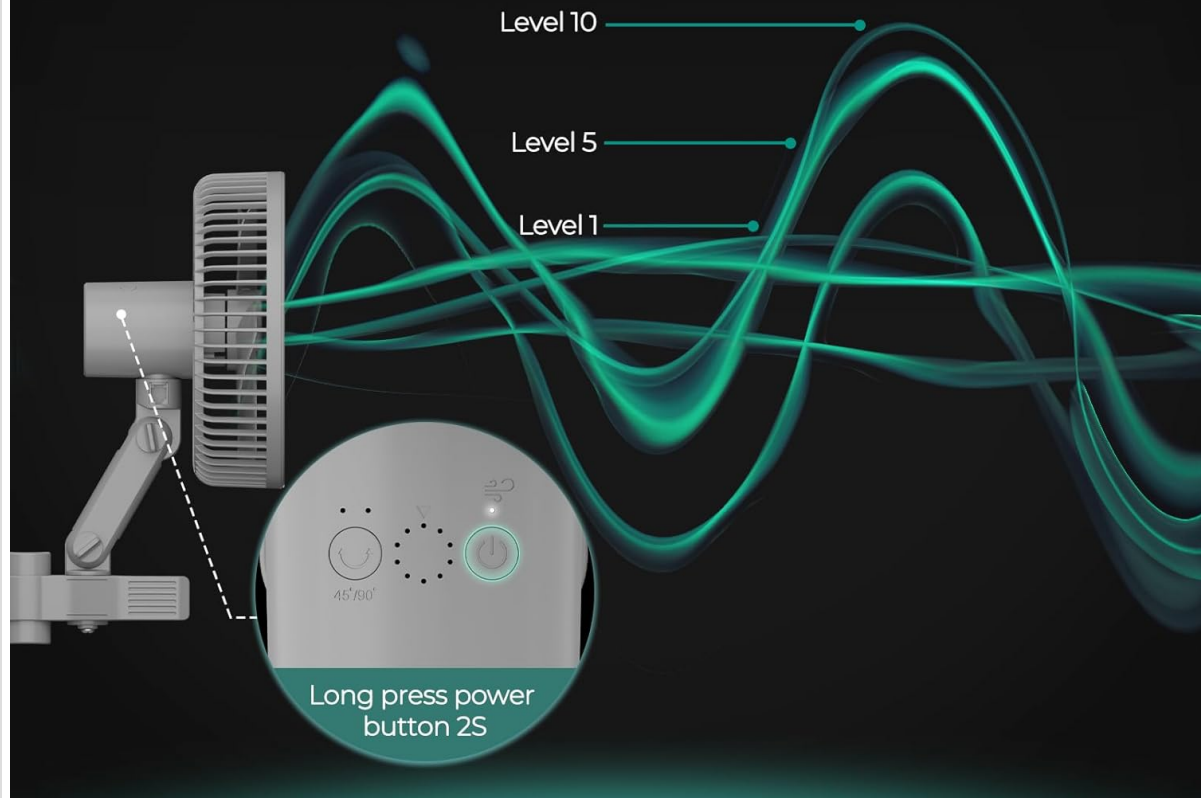
Image 7.2: Comparison detailing the fan blade upgrade, which enhances airflow and reduces noise levels.

8. WARRANTY AND SUPPORT

MARS HYDRO products are designed for durability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official MARS HYDRO website.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact MARS HYDRO customer service through their official channels. Keep your purchase receipt and product model number (M6) ready when contacting support.

Related Documents - M6

[Mars Hydro 6 Inch Oscillating Clip Fan User Manual](#)
User manual for the Mars Hydro 6 Inch Oscillating Clip Fan, detailing its features, specifications, usage instructions, and warranty information.

	Mars Hydro Smart Inline Fan User Manual and Specifications Detailed user manual and specifications for the Mars Hydro Smart Inline Fan (Mars-Fan-05), covering control modes, app connectivity, warranty, and safety guidelines for optimal performance in grow environments.
	Mars Hydro Grow Tent User Manual: Installation, Specifications, and Warranty Comprehensive user manual for Mars Hydro grow tents and LED grow lights, covering installation, product contents, specifications, dimming operation, fan sets, and warranty information.
	Mars Hydro Smart Inline Fan User Manual - Operation and App Control User manual for the Mars Hydro Smart Inline Fan (MARS-FAN-02). Learn about specifications, safety, warranty, and how to control the fan using the Mars Hydro app for optimal ventilation.
	Mars Hydro Inline Duct Fan M02 Instructional Manual Instructional manual for the Mars Hydro M02 Inline Duct Fan, covering package contents, operating instructions, safety precautions, and technical specifications. Learn how to install and use your Mars Hydro fan.
	Mars Hydro Intelligent Fan Controller User Manual User manual for the Mars Hydro Intelligent Fan Controller, model Mars-Fan-CP-02. It details operation modes (Auto, On, Off, Timer), alarm settings, programming, and interface controls for managing inline duct fans based on temperature and humidity levels.