Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Spider Farmer 150 mm/6 Inch mit Temp Feucht Controller

Spider Farmer 6 Inch Smart Inline Duct Fan with GGS Temperature Humidity Controller

Brand: Spider Farmer
Model: 150 mm/6 Inch mit Temp Feucht Controller

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Spider Farmer 6 Inch Smart Inline Duct Fan with GGS Temperature Humidity Controller. This advanced ventilation system is designed to optimize climate control in various indoor environments, including grow tents and hydroponic setups, through smart app integration and automated adjustments.

2. Safety Information

Please read all safety warnings and instructions carefully before operating this product to prevent injury or damage. Keep this manual for future reference.

- Ensure the power source matches the fan's voltage requirements (AC 110-240V).
- Do not immerse the fan or controller in water or expose to excessive moisture.
- Always disconnect power before performing any maintenance or cleaning.
- Keep hands and foreign objects away from moving parts during operation.
- This product is designed for indoor use only.
- The product is ETL/FCC listed, ensuring compliance with safety standards.

3. Package Contents

Verify that all items are present in your package:

- Spider Farmer 6 Inch Inline Duct Fan
- GGS Temperature Humidity Controller
- Temperature and Humidity Sensor (3-in-1)
- Power Cord (4.9 ft / 1.5 m)
- RJ12 Control Cable (8.2 ft / 2.5 m)
- Hanging Straps (2 pieces)



Image: Main components of the Spider Farmer 6 Inch Smart Inline Duct Fan system, including the fan unit, GGS controller, sensor, and hanging straps.

4. Product Features

The Spider Farmer Smart Inline Duct Fan is equipped with advanced features for optimal performance:

- **Smart App Control:** Connect to the Spider Farmer App via WiFi for remote control and monitoring.
- **Automated Adjustment:** Program the fan to automatically adjust switch, speed, and airflow based on real-time climate data from the integrated temperature and humidity sensor.
- **Quiet and Powerful:** Features an EC motor for energy efficiency (62 watts, 402 CFM airflow) and low noise operation (32 dB). Lightweight ABS blades enhance airflow by 40%.
- **Durable Construction:** Made from premium ABS plastic housing with an IP42 rating, providing resistance to dust and liquids for long-lasting performance.
- **Easy Installation:** Designed for quick and straightforward setup, requiring no special tools.
- **High-Precision 3-in-1 Sensor:** Monitors temperature, humidity, and light, supporting VPD (Vapor Pressure Deficit) monitoring.



Image: Illustration of the Spider Farmer App interface, demonstrating remote control capabilities for speed adjustment, timer settings, temperature mode, and humidity mode.



Image: Diagram illustrating the high airflow (402 CFM) and low noise level (32 dBA) of the Spider Farmer inline duct fan, comparing it to common sound levels.

5. Setup and Installation

Follow these steps to set up your Spider Farmer Smart Inline Duct Fan:

1. **Mounting the Fan:** Use the provided hanging straps to securely mount the inline duct fan in your desired location. Ensure it is hung on a solid bracket or support structure.
2. **Connecting Ducting:** Attach appropriate ducting to both ends of the inline fan. Ensure a tight seal to prevent air leaks.
3. **Connecting the GGS Controller:**
    - Connect the RJ12 control cable from the inline fan to the "Blower" port on the GGS Controller.
    - Connect the temperature and humidity sensor to one of the "DEV" ports (DEV1 or DEV2) on the GGS Controller.
    - If using additional accessories like lights or clip fans, connect them to the appropriate ports on the controller or

via a Light & Fan Adapter if applicable.

4. **Power Connection:** Plug the power cord into the GGS Controller, and then plug the controller into a standard electrical outlet.



Image: Detailed view of the GGS Controller, showing the power port, RJ12 ports, Ethernet port (for WiFi), and SD card slot. It highlights how the fan is powered via the RJ12 port from the inline fan.

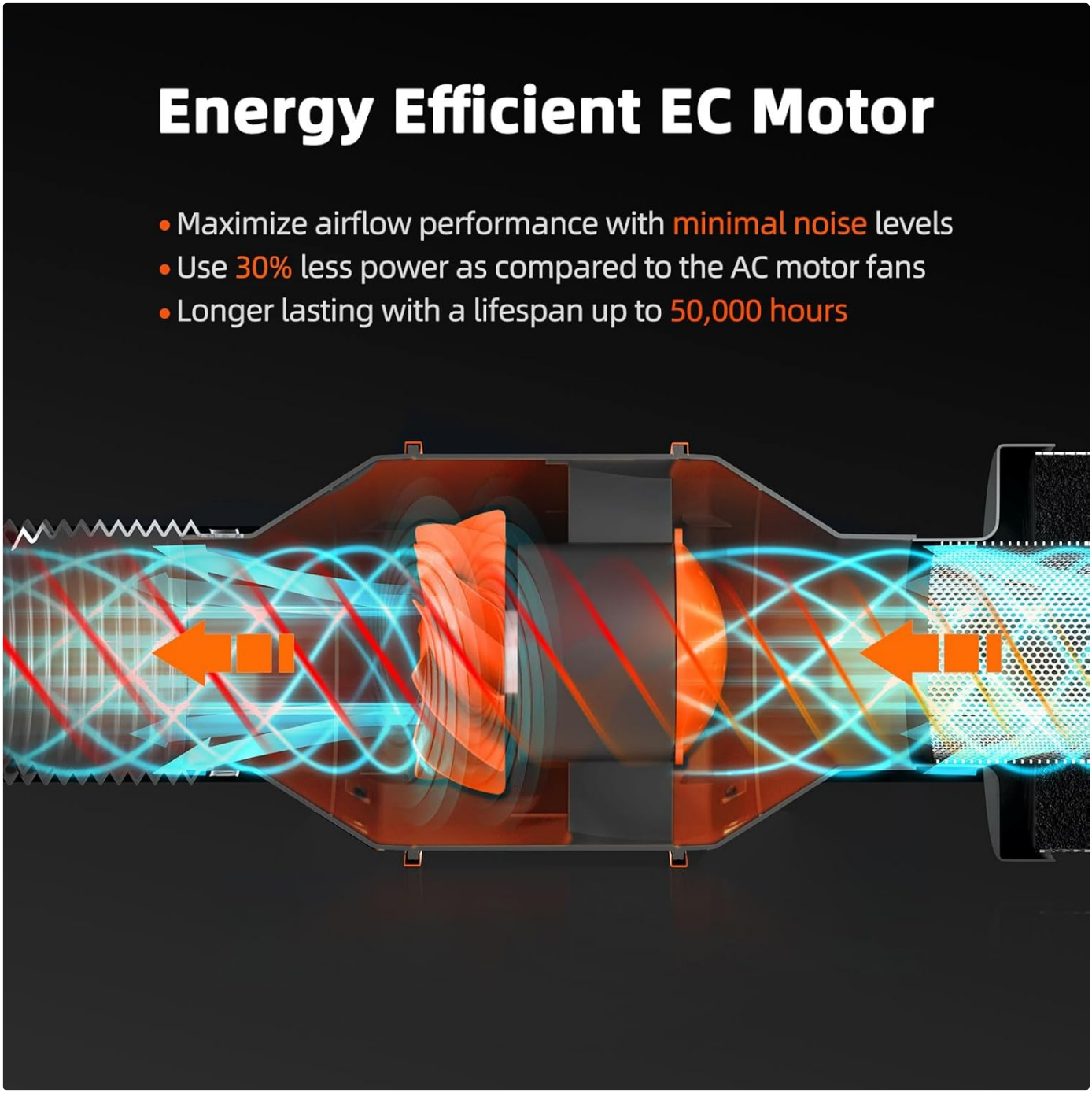


Image: Various installation suggestions for the Spider Farmer inline fan and carbon filter within a grow tent setup, illustrating different airflow configurations.

6. Operating Instructions

The GGS Controller allows for precise control of your inline duct fan. Use the rotary knob and buttons to navigate and set parameters.

- **Navigation:** Rotate the knob to scroll through options or adjust values. Press the knob to confirm selections.
- **Home Button:** Press the home button (⌂) to return directly to the main home screen.
- **Back Button:** Press the back button (↶) to return to the previous screen or menu.
- **Setting Modes:** Access the settings menu to choose between Manual or Auto modes.
- **Time Period Settings:** In Auto mode, set start and end times for fan operation.
- **Operation Speed:** Adjust the fan's operating speed (e.g., 0-100%).
- **Standby Speed:** Set a minimum standby speed for continuous low-level ventilation.
- **Automated Control:** Configure the controller to respond to temperature and humidity thresholds detected by the

sensor, automatically adjusting fan speed to maintain desired climate conditions.



Image: Close-up of the GGS Controller display and rotary knob, illustrating how to set scheduling parameters like start time, end time, operation speed, and standby speed for the inline fan.

7. App Control

The Spider Farmer App provides convenient remote control and advanced programming options for your fan system.

1. **Download the App:** Search for "Spider Farmer" in your device's app store (available on App Store and Google Play).
2. **Connect via WiFi:** Follow the in-app instructions to connect your GGS Controller to your home WiFi network.
3. **Remote Monitoring:** View real-time temperature, humidity, and fan status from anywhere.
4. **Custom Programs:** Create detailed programs for fan operation, including:
    - Four operating modes.
    - Setting precise start and end times.

- Adjusting running and standby speeds.
- Controlling CO2 device On/Off (if connected).



Image: A side-by-side view of the GGS Controller display and the mobile app interface, demonstrating how ventilation fan settings, including time slots, operation speed, and standby speed, can be managed from both the physical controller and the app.

8. Maintenance

Regular maintenance ensures optimal performance and longevity of your inline duct fan.

- **Cleaning the Fan Blades:** Periodically inspect and clean the fan blades to prevent dust and debris buildup, which can reduce airflow and efficiency. Disconnect power before cleaning.
- **Cleaning the Sensor:** Gently wipe the temperature and humidity sensor with a soft, dry cloth to ensure accurate readings.
- **Ducting Inspection:** Check ducting for any tears, blockages, or loose connections that could affect ventilation efficiency.

- **Carbon Filter Maintenance (if applicable):** If using a carbon filter, follow its specific maintenance instructions, which typically involve replacing the filter media after a certain period of use.

9. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Fan not turning on.	No power, loose connection, controller issue.	Check power outlet, ensure all cables are securely connected (power cord, RJ12). Verify controller is powered on.
Fan making high-pitched noise.	Fan speed too high, internal component issue, debris in fan.	Reduce fan speed. Disconnect power and inspect fan blades for any obstructions. If noise persists, contact support.
Inaccurate temperature/humidity readings.	Sensor obstructed or dirty, sensor malfunction.	Ensure sensor is placed correctly and not obstructed. Clean the sensor. If issue persists, sensor may need replacement.
App connectivity issues.	Weak WiFi signal, incorrect network settings, app glitch.	Ensure strong WiFi signal. Restart the app and controller. Reconfigure WiFi settings in the app if necessary.
Fan not responding to controller.	Loose RJ12 cable, controller malfunction.	Check the RJ12 connection between the fan and controller. Restart the controller.

10. Specifications

Key technical specifications for the Spider Farmer 6 Inch Smart Inline Duct Fan:

Specification	Value
Duct Size	6 Inch / 150 mm
Airflow Capacity	402 CFM (Cubic Feet Per Minute)
Noise Level	32 dB
Power Consumption	62 watts
Fan Speed	3000 RPM
Voltage	110 Volts (AC 110-240V compatible)
Product Dimensions (D x W x H)	13.39"D x 10.04"W x 11.01"H
Item Weight	6.6 pounds (3 Kilograms)
Control Method	App / GGS Controller
Motor Type	EC Motor
IP Rating	IP42



Image: Technical diagram detailing the dimensions of the 6-inch inline duct fan and lengths of the power cord and RJ12 control cable, alongside key specifications like airflow, noise, and power.

11. Warranty and Support

Spider Farmer products are manufactured to high-quality standards and come with a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official Spider Farmer website.

For technical support, troubleshooting assistance, or warranty claims, please contact Spider Farmer customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (150 mm/6 Inch mit Temp Feucht Controller) and purchase date ready.

No relevant official product videos from the seller were found for embedding in this manual.

© 2025 Spider Farmer. All rights reserved.
For more information, visit Spider Farmer Store.

Ask a question about this manual

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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

Open the live page

https://manuals.plus/asin/B08S7DSLQ3

More documents and user manuals: **https://manuals.plus/**