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Spider Farmer G3000 36x36x70

Spider Farmer G3000 Grow Tent Kit Instruction Manual

Model: G3000 (36"x36"x70")

Brand: Spider Farmer

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Spider Farmer G3000 Grow Tent Kit. This complete system includes a 300W LED grow light, a 36"x36"x70" grow tent, a 4-inch ventilation system, and a GGS Smart Controller. Please read all instructions carefully before setup and operation to ensure safe and efficient use.

PRODUCT COMPONENTS

Your Spider Farmer G3000 Grow Tent Kit includes the following main components:

- **Grow Tent:** 36"x36"x70" with 1680D Oxford fabric, reflective Mylar interior, and sturdy steel frame.
- **G3000 LED Grow Light:** 300W dimmable bar-style LED light with full spectrum output.
- **GGS Smart Controller:** Environmental controller for managing light, fan, and climate settings via app or manual operation.
- **4" Inline Fan:** 205 CFM airflow for ventilation.
- **4" Activated Carbon Filter:** RC412 filter for odor elimination.
- **Flexible Ducting:** For connecting the inline fan and carbon filter.
- **Clip Fan:** Auto-oscillating fan for air circulation within the tent.
- **Accessories:** Includes grow bags, trellis plant netting, YOYO hangers, vent covers, plant ties, sticky bug traps, corner shelves, and hose clamps.



Smart Timing and Smooth Dimming
Sunrise and sunset modes ensure Safety and a cool, Controlled environment.

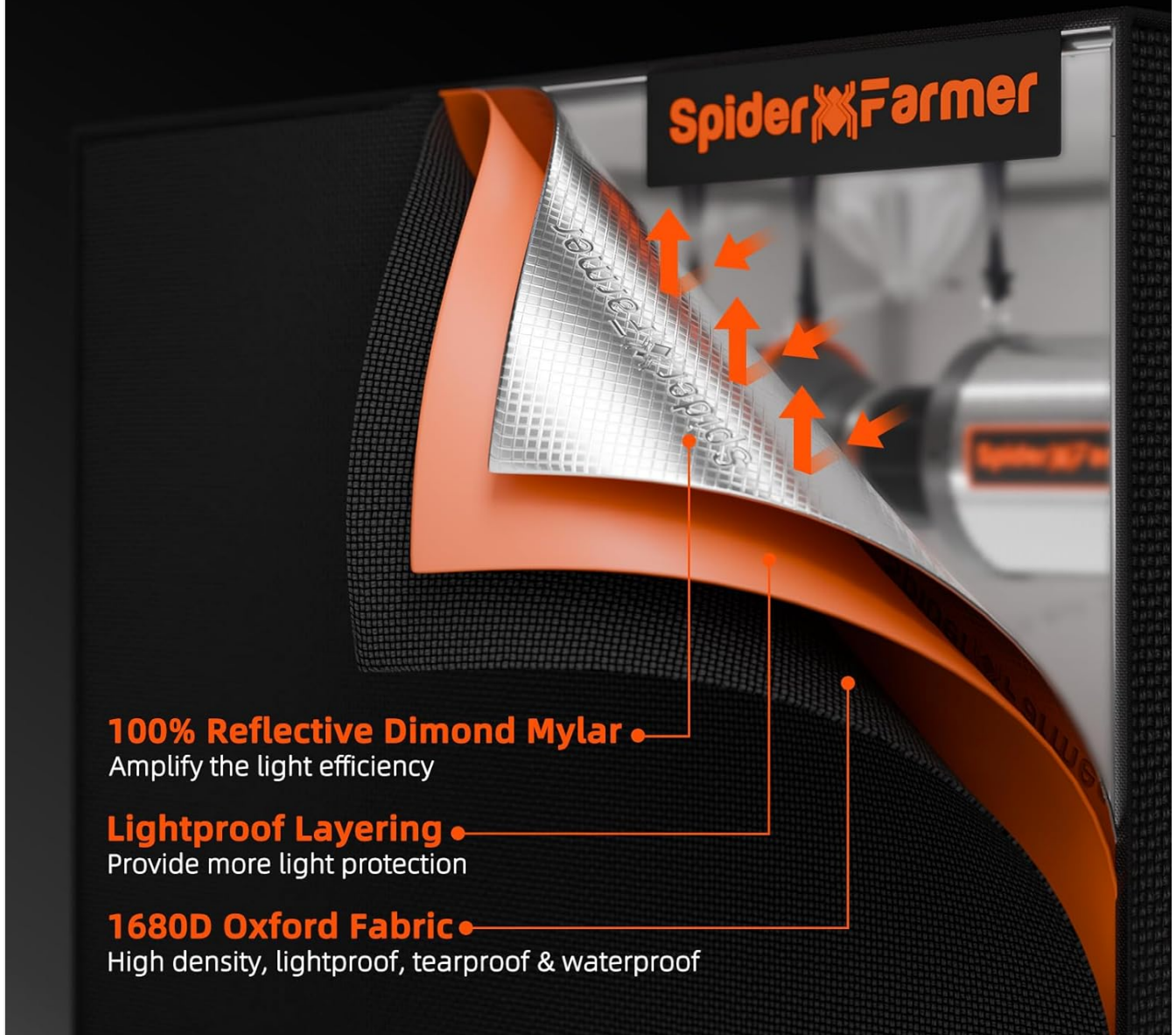
This diagram illustrates the complete setup of the Spider Farmer GGS Smart Grow Tent Kit, showing the grow tent, G3000 grow light, GGS Smart Controller, inline fan, carbon filter, ducting, and other accessories connected.

SETUP INSTRUCTIONS

1. Grow Tent Assembly

1. Unpack all components and verify against the component list.
2. Assemble the steel frame according to the included diagram, ensuring all poles and connectors are securely fitted. The triangular design enhances stability.
3. Drape the tent fabric over the assembled frame. Ensure the zippers are aligned correctly.
4. Zip up the tent completely.
5. Insert the waterproof floor tray at the bottom of the tent.

SUPERIOR MATERIAL



A cross-section diagram detailing the superior material construction of the grow tent, including 100% reflective Mylar, lightproof layering, and 1680D Oxford fabric.

2. G3000 LED Grow Light Installation

1. Attach the YOYO hangers to the top bars of the tent frame.
2. Securely hang the G3000 LED grow light using the hangers, ensuring it is level.
3. Connect the power cable to the grow light.



The G3000 LED grow light, featuring a bar-style design for uniform light distribution and high efficiency.

3. Ventilation System Setup

1. Connect the 4" inline fan to the carbon filter using the flexible ducting and hose clamps. Ensure a tight seal to prevent air leaks.
2. Hang the assembled inline fan and carbon filter unit from the tent's top bars. Position it to draw air from the tent and exhaust it through an appropriate vent.
3. Attach the clip fan to a tent pole at a suitable height for air circulation around your plants.



An illustration of the complete ventilation system, including the inline fan, carbon filter, and ducting, installed within the grow tent.

4. GGS Smart Controller Connection

1. Mount the GGS Smart Controller to a convenient location inside or outside the tent.
2. Connect the G3000 LED grow light, inline fan, and clip fan to the appropriate ports on the GGS Smart Controller.
3. Plug in the temperature/humidity/light sensors to the controller and position them within the tent for accurate readings.
4. Connect the GGS Smart Controller to a power source.
5. Download the Spider Farmer app from the App Store or Google Play to enable remote control and monitoring.

COMPLETE GROW KITS WITH GGS SMART CONTROLLER

By automating the management of key equipment, start your smart growing journey



The GGS Smart Controller connected to the inline fan, clip fan, and G3000 LED grow light, illustrating the integrated system.

OPERATING INSTRUCTIONS

GGG Smart Controller Operation

The GGS Smart Controller allows for precise environmental control. You can operate it manually or via the Spider Farmer mobile app.

- **Light Control:** Adjust the G3000 LED grow light's dimming from 0% to 100%. Set on/off schedules for grow cycles.
- **Fan Control:** Adjust the inline fan speed (0-100%) to control airflow and temperature/humidity. The clip fan offers 10 speeds and oscillating head angle adjustments.
- **Environmental Monitoring:** The controller integrates with temp/humidity/light sensors to provide real-time data.
- **App Control:** Use the Spider Farmer app for remote monitoring, setting schedules, and adjusting parameters. It offers four operating modes, customizable start/end times, and running/standby speeds.

All In Control



1. Four operating modes can be selected
2. Set start & end times
3. Set running & standby speeds
4. CO2 device On/Off control



Screenshots of the Spider Farmer GGS mobile application, demonstrating remote control and monitoring capabilities for the grow tent environment.

LED Grow Light Usage Guidelines

Optimal light settings vary by plant growth stage:

Stage	Time	Distance (from canopy)	Dimming
Seedling	18H ON	12" (30cm)	20% - 30%
Vegetative	18H ON	12" (30cm)	50% - 60%
Flowering	12H ON	12" (30cm)	90% - 100%

GROWING TIPS	🕒 TIME	📏 DISTANCE(In)	💡 DIMMING
🌱 SEEDLING	18H ON	12"(30cm)	20% - 30%
🧠 VEGETATIVE	18H ON	12"(30cm)	50% - 60%
🌸 FLOWERING	12H ON	12"(30cm)	90% - 100%

A chart providing recommended light times, distances, and dimming percentages for different plant growth stages.

MAINTENANCE

Grow Tent Cleaning

- Regularly wipe down the interior Mylar lining with a damp cloth to maintain reflectivity.
- Clean the exterior Oxford fabric with a mild detergent and water as needed.
- The removable floor tray should be cleaned frequently to prevent spills and maintain hygiene.

Ventilation System Maintenance

- The activated carbon filter should be replaced periodically (typically every 6-12 months depending on usage) to ensure effective odor control. The reversible flange can extend its life.
- Inspect the inline fan and clip fan for dust buildup and clean with a soft brush or compressed air to maintain optimal airflow and reduce noise.

LED Grow Light Care

- Ensure the light is off and cooled before cleaning.
- Gently wipe the LED bars with a dry, soft cloth to remove dust and debris. Avoid using liquids directly on the diodes.

TROUBLESHOOTING

- **Light Leaks:** If pinhole light leaks are observed along seams, ensure all zippers are fully closed and check for any small gaps. Minor leaks typically do not significantly impact plant growth but can be sealed with lightproof tape if desired.
- **Poor Odor Control:** If odors persist, check that the carbon filter is correctly installed and sealed. Ensure the filter is not past its lifespan and replace if necessary. Verify the inline fan is operating at an adequate speed.
- **GGG Controller Issues:** If the GGS controller or app is not functioning as expected, ensure it is properly connected to power and all devices. Check for app updates. If climate control is erratic (e.g., fans turning on/off too frequently), review your temperature and humidity setpoints and priority modes (Temperature Priority vs. Humidity Priority) to ensure they align with your desired environment.
- **Fan Noise:** Excessive noise from the inline fan can indicate dust buildup or improper installation. Clean the fan and ensure it is securely mounted and balanced.
- **Inconsistent Light Coverage:** Ensure the G3000 LED grow light is hung level and at the recommended distance from the plant canopy for uniform light distribution.

SPECIFICATIONS

Feature	Specification
Brand	Spider Farmer
Model	G3000 Grow Tent Kit
Grow Tent Dimensions	36"L x 36"W x 70"H
Grow Tent Material (Outer)	1680D Oxford cloth
Grow Tent Material (Inner)	Mylar (100% Reflective)
Grow Tent Frame Material	Metal
LED Grow Light Wattage	300 Watts
LED Grow Light PPE	2.8 umol/J
LED Grow Light PPF	852 umol/S
Inline Fan Duct Size	4 Inch
Inline Fan Airflow	205 CFM
Inline Fan Noise Level	26.8 dB(A)
Carbon Filter Type	RC412 Activated Carbon

WARRANTY AND SUPPORT

Spider Farmer provides comprehensive after-sales service for this grow tent kit. All components are designed to be compatible and are covered under the standard warranty policy. For specific warranty details, including duration and coverage, please refer to the documentation included with your purchase or visit the official Spider Farmer website. If you encounter any issues during setup, operation, or maintenance, or require technical assistance, please contact Spider Farmer customer support. Contact information can typically be found on the product packaging, the official website, or through your purchase platform.