SPIDER FARMER SF-16L

Spider Farmer 16L Humidifier Instruction Manual

Model: SF-16L



This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Spider Farmer 16L Humidifier.

Important Safety Instructions

- Read all instructions before using the appliance.
- Place the humidifier on a firm, flat, water-resistant surface at least 12 inches (30 cm) away from walls and appliances.
- Do not operate the humidifier in a room with a temperature below 0°C (32°F) to prevent freezing.
- Do not use essential oils directly in the water tank. Use the designated aroma box if available.
- Always unplug the humidifier before cleaning or refilling.
- Keep out of reach of children and pets.
- Use only clean, cool tap water or distilled water. Do not use hot water.

- Do not block air vents or mist outlets.

Package Contents



The package includes the following items:

- 1x Spider Farmer 16L Humidifier Main Unit
- 1x Two-way Conversion Adapter
- 1x Three-way Conversion Adapter
- 1x Four-way Conversion Adapter
- 1x Quad Directional Nozzle
- 2x Flexible Short Hoses (22cm / 8.7 inches)

- 2x Flexible Long Hoses (48.5cm / 19.1 inches, extendable to 157cm / 61.8 inches)
- 2x Short Straight Pipes (22.5cm / 8.9 inches)
- 1x Long Straight Pipe (37cm / 14.6 inches)
- 3x Hanging Ropes
- 1x Power Cord (250cm / 98.5 inches)
- 1x Humidity Sensor (360cm / 142.0 inches)
- 1x Tool Bag

Product Overview and Features

The Spider Farmer 16L Humidifier is designed for efficient humidity control in various environments, including grow tents and large rooms. It features a digital display, adjustable mist levels, a timer, and a remote humidity sensor.

Digital Humidity Control



The humidifier features a digital display and controls for precise humidity management. You can adjust mist volume across 4 levels and set the desired humidity from 35% to 95% in 5% increments. An integrated hygrometer provides real-time humidity readings.

Sensor Probe and Expandable Tubes



The external sensor probe accurately displays ambient temperature and humidity. The included expandable tubes allow for comprehensive humidification, especially useful for grow tents, ensuring mist reaches all plants. The unit can be placed outside the grow tent for convenience.

Timer Functionality

A 12-hour timer allows you to schedule operation in 1-hour increments. The large 16L (4.2 Gallons) water tank supports extended operation, with a maximum mist output of 1400 ml/h, suitable for commercial cultivation environments and large grow tents.

360° Nozzle and Wheels



The humidifier is equipped with four tubes that can spray mist in a 360° pattern for even humidity distribution. Integrated wheels on the base facilitate easy movement of the unit.

Split Design for Easy Maintenance



The humidifier features a split design, allowing for convenient top-fill water addition and easy access to internal components for cleaning.

Setup Guide

1. **Unpack the Humidifier:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Position the Unit:** Place the humidifier on a stable, flat surface. Ensure it is at least 12 inches (30 cm) away from walls, furniture, and electronic devices. The integrated wheels allow for easy repositioning.
3. **Fill the Water Tank:**
    - Remove the top cover.
    - Pour clean, cool tap water or distilled water directly into the tank up to the MAX line. Do not overfill.

- Replace the top cover securely.

4. **Connect the Humidity Sensor:** Plug the humidity sensor into its designated port on the unit. Position the sensor in the area where you want to measure and control humidity.
5. **Attach Extension Tubes (Optional):** If using in a grow tent or large area, attach the desired combination of flexible hoses and straight pipes to the mist outlets. Use the provided conversion adapters as needed to direct mist effectively. Secure tubes with hanging ropes if necessary.
6. **Connect Power:** Plug the power cord into a suitable electrical outlet. The unit will enter standby mode.

Operating Instructions

1. **Power On/Off:** Press the **Power** button to turn the humidifier on or off. The digital display will illuminate.
2. **Adjust Mist Level:** Press the **Mist** button repeatedly to cycle through the 4 available mist output levels.
3. **Set Desired Humidity:**
   - Press the **Humidity** button. The current humidity setting will flash on the display.
   - Use the **+** or **-** buttons (if available, or cycle through with Humidity button) to set your desired humidity level (35% to 95% in 5% increments).
   - The humidifier will automatically adjust its mist output to maintain the set humidity.
4. **Set Timer:**
   - Press the **Timer** button. The timer setting will flash.
   - Press the **Timer** button repeatedly to select the desired operating duration (1 to 12 hours). The unit will automatically turn off after the set time.
5. **Sleep Mode:** (If available, based on general humidifier features) Press the**Sleep** button to dim the display and operate at a lower, quieter mist level for undisturbed rest.

Note: The screen auto shuts off after 30 seconds of inactivity in a plant-friendly environment.

Maintenance

Regular cleaning and maintenance are crucial for optimal performance and longevity of your humidifier.

1. **Daily Maintenance:**
   - Empty and rinse the water tank and base daily.
   - Wipe down the inside of the tank and base with a clean, dry cloth.
2. **Weekly Cleaning:**
   - Unplug the humidifier.
   - Remove the top cover and water tank.
   - Fill the water tank with 1 cup (250 ml) of white vinegar and let it soak for 30 minutes.
   - Use a soft brush or cloth to clean the inside of the tank and the ultrasonic atomizer.
   - Rinse thoroughly with clean water until the vinegar smell is gone.

- Wipe the exterior of the unit with a soft, damp cloth.

3. **Storage:** When not in use for an extended period, clean the humidifier thoroughly, ensure all parts are dry, and store it in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
No mist or low mist output	Low water level; clogged atomizer; unit not level.	Refill water tank; clean atomizer; place on a flat surface.
Unusual odor	Dirty water or tank; new unit smell.	Clean tank and change water; run for a few days to dissipate new unit smell.
Water leakage	Tank not properly seated; damaged tank.	Ensure tank is correctly placed; contact support if damaged.
Unit not turning on	No power; power button not pressed.	Check power connection; press power button firmly.

Specifications

Feature	Detail
Brand	SPIDER FARMER
Model	Spider Farmer 16L Humidificateur (SF-16L)
Color	Black
Product Dimensions	24 x 24 x 63 cm (9.4 x 9.4 x 24.8 inches)
Weight	5 kg (11 lbs)
Wattage	90 watts
Voltage	100 Volt
Automatic Shut-off	Yes
Runtime	Up to 12 hours (on minimum mist setting)
Special Features	Adjustable humidity control, Timer, External sensor probe, Expandable tubes, Wheels

Feature	Detail
Water Tank Capacity	16 Liters (4.2 Gallons)
Max Mist Output	1400 ml/h

Official Product Videos

Below are official product videos from SPIDER FARMER, demonstrating various features and applications of the humidifier.

SPIDER FARMER DWC Hydroponic System Overview

Your browser does not support the video tag.

This video provides an overview of the SPIDER FARMER DWC Hydroponic System, which can be used in conjunction with the humidifier for optimal plant growth. It showcases the system's components and how they work together to create an ideal growing environment.

Warranty and Support

SPIDER FARMER offers a 1-year quality warranty for this product. If you encounter any issues or require assistance, please contact our customer support team. We aim to respond within 24 hours to help resolve your concerns.

For further support, please refer to the contact information provided with your purchase or visit the official SPIDER FARMER website.

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

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