Spider Farmer SF-Humidifier6

Spider Farmer 3-in-1 6L Humidifier Instruction Manual

Brand: Spider Farmer | Model: SF-Humidifier6

Introduction

The Spider Farmer 3-in-1 6L Humidifier is designed to provide precise humidity control for various indoor environments, including grow tents, bedrooms, and greenhouses. This ultrasonic cool mist humidifier features a large 6-liter capacity, ensuring long-lasting operation. It comes equipped with an adjustable digital humidistat, multiple mist output levels, a programmable timer, and an external temperature and humidity probe for accurate environmental monitoring. Its top-fill design simplifies refilling and cleaning, while built-in safety features like automatic shut-off for low water or tipping ensure reliable and safe operation.

Setup

Follow these steps to set up your Spider Farmer 3-in-1 6L Humidifier for optimal performance.

Package Contents

Ensure all components are present:

- Humidifier Unit (Base and Water Tank)
- 2-Way Nozzle
- Flexible Short Hose (2)
- Flexible Long Hose
- Power Cord
- Humidity Sensor Probe
- Hanging Rope
- Tool Bag (for cleaning tools)



Image: All components included in the Spider Farmer 6L Humidifier package.

Initial Assembly

1. **Connect the Humidity Sensor Probe:** Locate the sensor cable on the back of the humidifier base. Connect the external humidity sensor probe to this port. Ensure the connection is secure by screwing the connecting cap over it.
2. **Fill the Water Tank:** The humidifier features a convenient top-fill design. Remove the top lid and pour distilled or purified water directly into the tank up to the 'MAX' line. Avoid overfilling.



Image: Instructions for connecting the sensor probe and filling the water tank.

Hose Assembly and Placement

The humidifier offers flexible placement options using the included hoses:

- **Direct Mist Output:** For direct misting, simply place the top lid back on the unit.
- **Extended Mist Output:** For directing mist into a grow tent or specific area, connect the long flexible hose to the top mist outlet. You can then attach the 2-way nozzle and the two short hoses to distribute mist in multiple directions.
- **Hose Orientation:** When using hoses, ensure the mist outlet is hung diagonally upwards to prevent water accumulation and dripping in the pipeline.



Image: Proper hose orientation to prevent water buildup.

Unit Placement

The humidifier can be placed inside or outside your grow tent or desired area:

- **Inside the Tent:** Place the unit directly inside the tent for localized humidification.
- **Outside the Tent:** Utilize the extended hoses to keep the main unit outside the tent, saving valuable internal space while still delivering mist effectively.



Image: Various placement options for the humidifier relative to a grow tent.

Operating Instructions

The humidifier features an intuitive digital control panel for easy operation.



Image: LED Digital Control Panel.

1. **Power On/Off:** Press the **ON/OFF** button to turn the unit on or off. The digital display will illuminate, showing current humidity and temperature readings from the external probe.
2. **Adjust Mist Levels:** Press the **MIST** button to cycle through 4 adjustable mist levels (Level 1 to Level 4). Each press increases the mist output, with Level 4 being the maximum (450 ml/h).
3. **Set Target Humidity:** Press the **HUMIDITY** button to set your desired humidity level, adjustable from 35% to 95% in 5% intervals. The unit will automatically maintain this level, turning mist on or off as needed.
4. **Set Timer:** Press the **TIMER** button to set an operating duration from 1 to 12 hours in 1-hour increments. The unit will automatically shut off once the set time expires.



Image: Mist output levels.

Memory Function

The humidifier retains its previous settings upon restart, ensuring consistent operation without needing to reconfigure settings after a power cycle.

Maintenance

Regular maintenance ensures the longevity and efficiency of your humidifier.

Cleaning the Unit

The top-fill design makes cleaning easy:

- **Daily Cleaning:** Empty any remaining water from the tank and wipe the interior with a soft cloth.

- **Weekly Descaling:** To remove mineral buildup, fill the tank with a mixture of equal parts white vinegar and water. Let it soak for 30 minutes, then gently scrub with a soft brush or cloth. Rinse thoroughly with clean water.
- **Base Cleaning:** Clean the ultrasonic transducer and water basin in the base unit with a soft brush and vinegar solution as needed. Ensure no water enters the air outlet.



Image: Top-fill design and easy cleaning features.

Water Quality

Using distilled or purified water is highly recommended to prevent mineral buildup (white dust) and extend the life of the unit.

Storage

When not in use for an extended period, clean and dry the unit completely before storing it in a cool, dry place.

Troubleshooting

If you encounter issues with your humidifier, refer to the common problems and solutions below.

- **No Mist Output:**
  - Check water level: Ensure there is sufficient water in the tank. The unit will automatically shut off when water is low.
  - Check float position: Ensure the float in the water tank is correctly positioned with the front facing upwards. Incorrect placement can prevent the unit from operating.
  - Clean the transducer: Mineral buildup on the ultrasonic transducer can impede mist production. Clean as per maintenance instructions.
- **Unit Not Turning On:**
  - Verify power connection: Ensure the power cord is securely plugged into both the unit and a working electrical outlet.
  - Check water tank placement: The unit has a safety feature that prevents operation if the water tank is not correctly seated on the base.
  - Check for tipping: The unit will shut off if overturned. Ensure it is on a stable, flat surface.
- **Inaccurate Humidity/Temperature Readings:**
  - Ensure sensor probe is connected securely and not obstructed.
  - The sensor probe should be placed in an open area, away from direct mist, to get accurate readings.



Image: Correct float placement for proper operation.

Specifications

Feature	Detail
Brand	Spider Farmer
Model Name	SF-Humidifier6

Capacity	6 Liters (1.58 gallons)
Max Humidification	450 ml/h
Power Draw	27 Watts
Max Runtime	Up to 24 hours
Timer Setting	1-12 hours
Adjustable Humidity Control	35%-95% (5% intervals)
Special Features	Digital Display, Water Level Window, Low Water Indicator, Quiet, Auto Shut Off, Humidistat, Telescopic Tube Kit, Detachable Wired Sensor Probe
Product Dimensions	8"D x 8"W x 10"H
Item Weight	3.1 Pounds

Warranty and Support

Spider Farmer is committed to customer satisfaction. We offer a 1-year quality assurance and 3-month free exchange policy. If you find the product damaged or used, please contact our support team for assistance. We aim to respond within 24 hours to help resolve any issues.

For detailed information and further assistance, please refer to the official User Manual (PDF) available online:Spider Farmer 6L Humidifier User Manual

You can also visit the official Spider Farmer Store for more products and support:Spider Farmer Store on Amazon

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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?

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