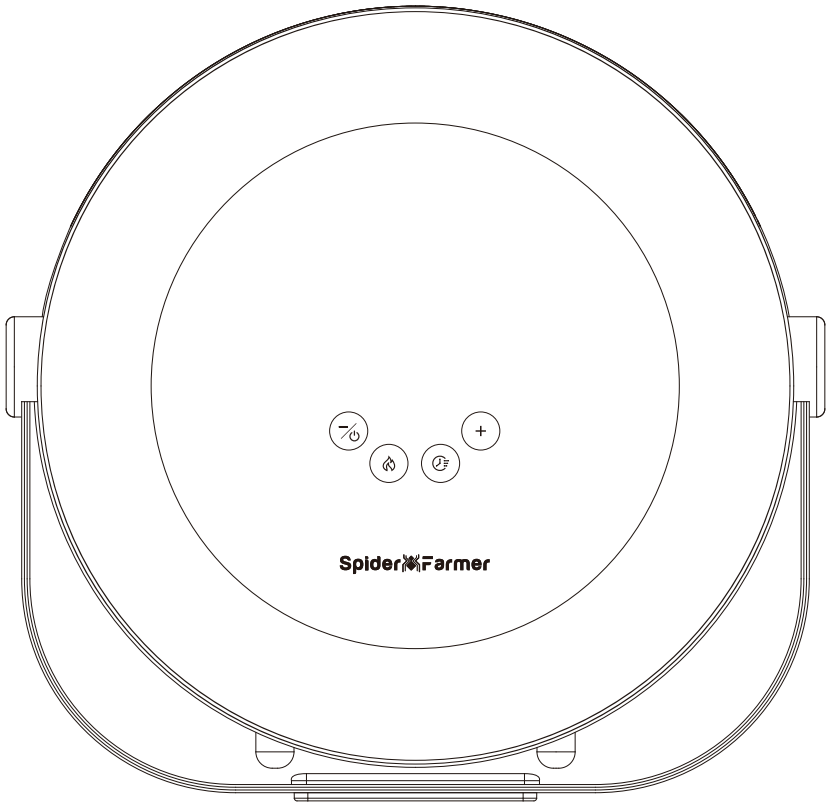


Spider  Farmer

# USER MANUAL

## Grow Tent Heater

Reliable Heat for Plants to Thrive



SF-Heater-01

# INSTALLATION



## IMPORTANT

Do not install or use the heater before reading this manual carefully. Keep this instruction manual for warranty purposes and future reference.

## WARNING

When using the heater, follow basic precautions to reduce the risk of fire, electric shock, and injury, including the following:

- Read all instructions before using the heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch the hot surface. Use handles when moving the heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains, at least 1 foot (0.3m) away from the front, sides, and rear of the heater.
- Exercise extreme caution when using the heater around children or individuals with disabilities, and never leave the heater operating unattended.
- Always unplug the heater when not in use.
- Do not operate the heater with a damaged cord or plug, or if the heater malfunctions, has been dropped, or is damaged in any way. Return the heater to an authorized service facility for inspection, electrical or mechanical adjustment, or repair.
- Do not use the heater outdoors.
- This heater is not intended for use in bathrooms, laundry areas, or similar indoor locations. Never place the heater where it could fall into a bathtub or other water container.
- Do not run the cord under carpeting or cover it with throw rugs, runners, or similar coverings. Arrange the cord away from traffic areas where it will not be tripped over.
- To disconnect the heater, turn the controls to off, then unplug it from the outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust openings, as this may cause electric shock, fire, or damage to the heater.
- To prevent possible fires, do not block air intakes or exhaust openings. Do not use the heater on soft surfaces like beds, where openings may become blocked.
- The heater contains hot and sparking parts. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury.
- Avoid using an extension cord, as it may overheat and pose a fire risk.
- Do not position the heater directly below a socket-outlet.

## CAUTION

1. Do not use the heater if the power cord is broken or damaged.
2. Do not use the socket if it is loose or damaged.
3. Do not modify the length of the power cord or share the outlet with other heaters. Never attempt to disassemble or repair the heater yourself.
4. Do not place heavy objects on the power cord, and ensure that the cord is not compressed.
5. Always turn off and unplug the heater before cleaning. When cleaning the heater, use a damp cloth to gently wipe the surface. Do not splash water directly onto the unit.
6. Do not climb or sit on the heater.
7. When in use, avoid placing the heater on soft or uneven surfaces to prevent vibration and movement.
8. Do not insert thin rods or hard objects into the heater to avoid malfunction and potential danger.
9. Do not place any objects on the heater.
10. Turn off and disconnect the power when not using the heater for an extended period.

## WHY CHOOSE SPIDER FARMER?

### SHOPPING :

A. Global Delivery Available: We deliver worldwide.

B. Multiple Warehouses: With warehouses in the USA, CA, AU, UK, EU, RU, and TH, we can offer fast delivery within 24 hours.

### CUSTOMER SERVICE:

A. Local Repair Centers: We have repair centers in the USA, CA,AU, UK, EU, and RU for your convenience.

B.2-Year Warranty.Check the website or ask customer service for specific rules.

C.Dedicated Customer Service: Our friendly and professional customer service department is always ready to assist you.

### PROFESSIONAL TECHNICAL SUPPORT:

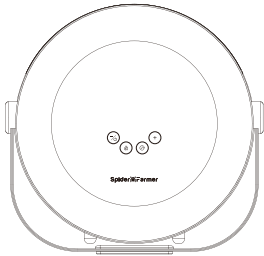
We have a team of experts available to assist you with any technical issues.

### BULK PRICE DISCOUNTS:

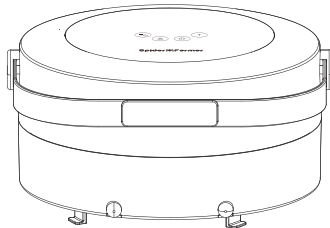
Discounts for Large Orders:The more you order,the cheaper the price!

## VERTICAL AND HORIZONTAL PLACEMENT

This product is designed for stability and safety, allowing secure use whether placed vertically or horizontally. This feature enhances safety during operation by preventing accidental movement.

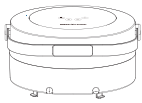


**Vertical**



**Horizontal**

## PACKAGE CONTENTS



Grow Tent Heater  
(With Power Cord and RJ12 Plug)



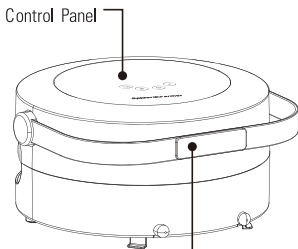
Vent Hose



RJ12 Cable

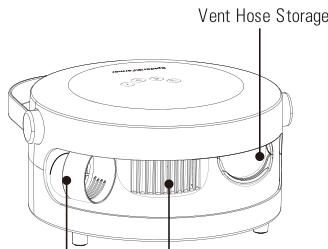


Temp & Humidity Sensor



Sturdy Carrying Handle

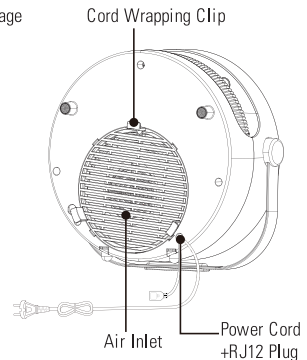
**Front**



Exhaust Port

Foreign Matter Discharge Port

**Back**



Air Inlet

Power Cord +RJ12 Plug

**Bottom**

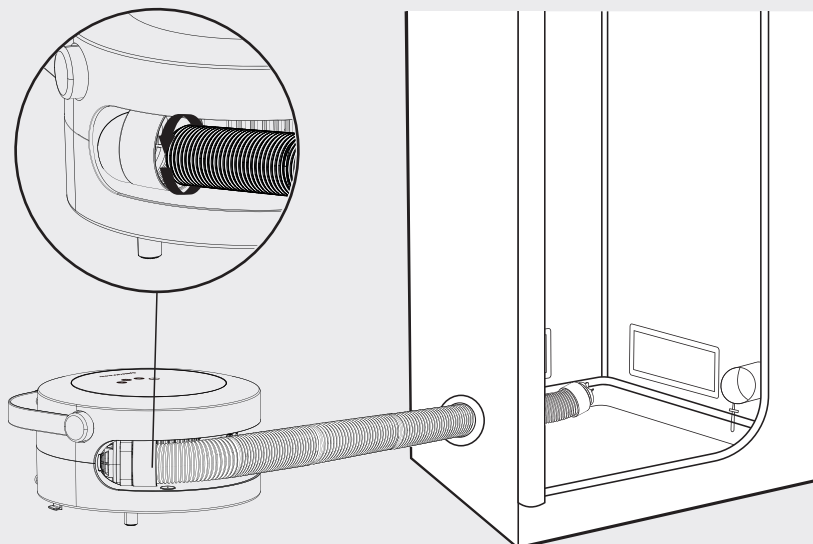
# INSTALLATION PROCEDURE

## WARNING

Do not direct the vent hose towards the plants; avoid blowing air directly onto them. Do not block the air inlet and exhaust ports of the product.

## STEP 1.

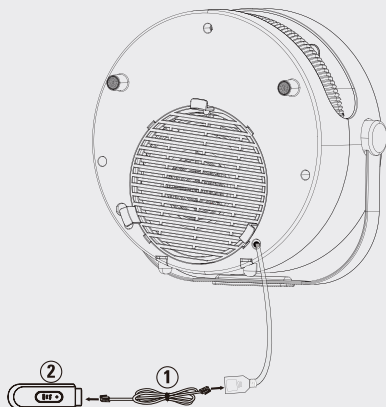
Secure one end of the vent hose to your tent using an attachment, and screw the other end into the exhaust port in a counterclockwise direction.



## STEP 2:

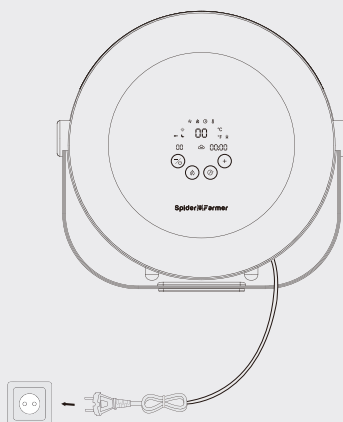
Connect the RJ12 plug from the heater body to the RJ12 cable. Then, connect the temperature and humidity sensor to the RJ12 cable.

② Tips: The heater screen shows the current temperature about 3 seconds after being connected. It displays '----' when not connected. The light sensor detects light for daytime and does not detect bright light for nighttime.



## STEP 3.

Plug the heater's power cord into the socket. The control panel will illuminate, indicating successful power-on. Briefly press the power button to activate the heater.



# KEY FEATURES

## POWER-OFF MEMORY FUNCTION:

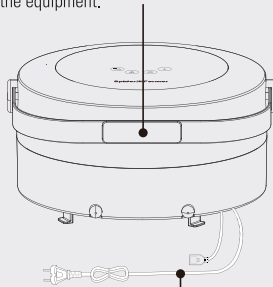
After a power outage, this feature will restore your settings (including fan, heating, timer setting mode, etc.) when the power comes back on.

## AUTOMATIC SCREEN-OFF FUNCTION:

After 30 seconds of inactivity, all indicator lights turn off. Press any button to activate the mode, and press again to operate.

### STURDY CARRYING HANDLE

Allows for easy placement and movement of the equipment.

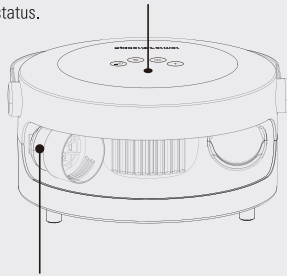


### SIMPLE OPERATION

Includes a 2.5m power cord and RJ12 plug for easy installation.

### SMART PANEL

Convenient top-mounted controls eliminate the need to crouch down to check the heater status.

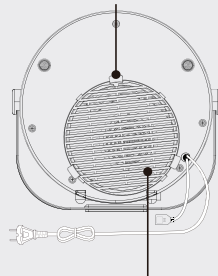


### SIDE AIR INLET

Designed specifically for grow tents to enhance safety and security.

### CORD WRAPPING DESIGN

Wrap excess cord around the base for convenient storage during use.



### DUST-FILTER SPONGE

Prevents dust and particles from entering; removable and washable for easy maintenance.

# DAILY CLEANING

## WARNING:

Turn off the heater before cleaning.

Unplug the heater from the wall outlet for safety while cleaning.

Avoid using excessive force when cleaning to prevent stretching the dust-filter sponge, which may cause permanent deformation.

**A. CLEANING THE HEATER BODY:** Use a soft, slightly damp cloth or textile for cleaning.

**B. CLEANING THE FILTER:**

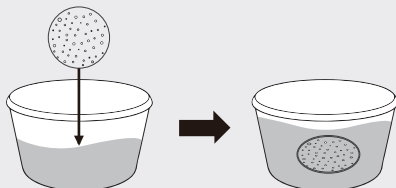
### STEP 1.

Unscrew the cooling cap at the bottom of the heater and gently remove the dust-filter sponge to prevent dust from scattering.



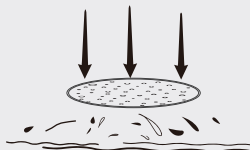
### STEP 2.

Place the dust-filter sponge in a container with warm water (104°F/40°C) and allow it to become fully saturated.



### STEP 3.

Gently squeeze the sponge until all visible stains are removed.








### STEP 4.

Rinse the sponge under running water and continue squeezing until no more water comes out.








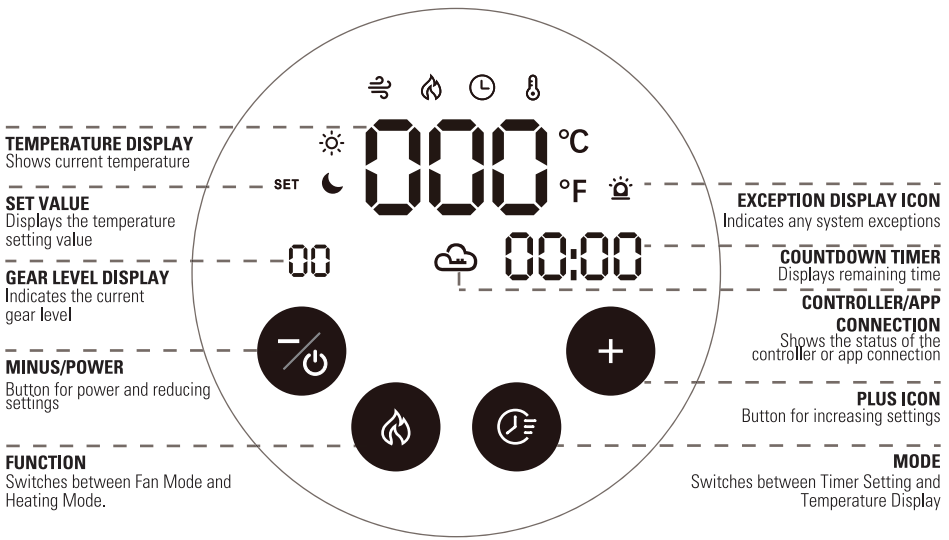
# DISPLAY STATUS DESCRIPTIONS & PROGRAM SETTINGS

Control Panel	Operation	Description
	<b>Short Press</b>	Power On
		Adjust settings for Heating Mode, Fan Mode, Timer, and Temperature: Heating Mode: Level adjustment from 0 to 10, decreasing by 1 level. Fan Mode: Level adjustment from 0 to 10, decreasing by 1 level. Timer Setting: Adjusts from 00:00 to 24:00, decreasing by 10 minutes; from 00:00 to 00:10, decreases by 1 minute. Temperature Setting: Adjusts from 0-60°C / 40-144°F, decreasing by 1°.
	<b>Long Press For 3 Seconds</b>	Power Off
	<b>Short Press</b>	Switch between Heating and Fan Modes.
		Adjust Heating Mode (0-10 Levels) or Fan Mode (0-10 levels).
	<b>Long Press</b>	Set deadband range from ±1° to 20°.
	<b>Short press</b>	Switch control modes: Timer Setting, Normally Open, Temperature All-day, Diurnal Mode, or Temperature Night Mode.
	<b>long press</b>	Calibrate temperature within a range of -20° to 20°. 
	<b>Short Press</b>	Switch control modes: Normally Open, Temperature All-day, Temperature Daytime (Diurnal Mode), or Temperature Night Mode. Calibrate temperature within a range of -20° to 20°. Incremental Adjustments for Heating Mode, Fan Mode, Timer, and Temperature: Heating Mode: Level adjustment from 0 to 10, increasing by 1 level. Fan Mode: Level adjustment from 0 to 10, increasing by 1 level. Timer Setting: Adjusts from 00:00 to 24:00, increasing by 10 minutes; from 00:00 to 00:10, increases by 1 minute. Temperature Setting: Adjusts from 0-60°C / 40-144°F, increasing by 1°.
		<b>Long Press</b>

**Note:** The heater monitors internal temperature during shutdown. If it drops below 40°C, the fan stops and the unit powers off.

## DISPLAYING STATUS DESCRIPTIONS

Setting	Description
 <b>Heating Mode</b>	Short press the [FUNCTION] key to switch to Heating Mode. Use the [PLUS]/[MINUS] keys to adjust the heat level.
 <b>Fan Mode</b>	Short press the [FUNCTION] key to switch to Fan Mode. Use the [PLUS]/[MINUS] keys to adjust the fan speed. Note: Only Timer Setting Mode and Normally Open Mode are available under Fan Mode.
 <b>Timer Setting Mode</b>	Short press the [MODE] key to switch to Timer Setting. The heater will automatically shut down after the set time. Use the [PLUS]/[MINUS] keys to adjust the timer.
<b>Normally Open Mode</b>	Short press the [MODE] key to switch to Normally Open Mode. The heater remains on with no time or temperature control.
<b>Temperature All-day Mode</b>	Short press the [MODE] key to switch to Temperature All-day Mode. Temperature control is active all day, activating the heater when the temperature drops below the set value.
 <b>Temperature Daytime Mode (Diurnal Mode)</b>	Short press the [MODE] key to switch to Temperature Daytime Mode. Enables temperature control during the day and activates heating when the temperature falls below the set value.
 <b>Temperature Night Mode</b>	Short press the [MODE] key to switch to Temperature Night Mode. Temperature control is enabled only at night, activating the heater when the temperature drops below the set value.



No [SET]: Displays the real-time temperature value monitored by the sensor

## PROTECTION GUIDELINES

Note: Before starting the machine, ensure the heater is connected to all accessories. Do not disconnect the power cord directly to stop the machine.

Refer to the information below for warnings and solutions that can help you quickly resolve common issues with the unit. If you have tried all suggested operations and the problem persists, please contact Spider Farmer Customer Service for further assistance.

Warning Indication	Display Icon	Processing Method	Analysis Of Causes
<b>Internal Over-temperature Warning</b>	E1	Alarm light on with a beep; press any key to cancel the beep.	This warning occurs when the internal temperature of the heater exceeds 212°F/100°C. The heater function will shut down until the internal temperature drops below 140°F. The fan will continue to run during this emergency shutdown.
<b>Fan Interference Warning</b>	E2	Alarm light on with a beep; press any key to cancel the beep.	This warning indicates interference with the fan's operation. Check the heater for potential issues.
<b>PTC Exception Warning</b>	E4	Alarm light on with a beep; press any key to cancel the beep.	This warning occurs when there is an issue with the PTC heater. Check your heater for potential problems.
<b>Power Board Abnormality Warning</b>	E5	Alarm light on with a beep; press any key to cancel the beep.	This warning indicates a power board issue. Check your heater for potential problems.
<b>Environmental Overheating Warning</b>	≥140°F	Alarm light on with a beep; press any key to cancel the beep. Wait for the machine to send cool air inside for cooling until the temperature drops below 131°F.	When the sensor detects a temperature above 140°F/60°C, the sensor probe will flash. The heater function will turn off until the temperature drops below 131°F/55°C. The machine will circulate cool air inside for cooling during this period. Note: The fan will remain on during this emergency shutdown.

# YOUR RELIABLE INDOOR GROW PARTNER

Our Social Media



Contact:

Email: [support@spider-farmer.com](mailto:support@spider-farmer.com)  
[info@spider-farmer.com](mailto:info@spider-farmer.com)