

AC Infinity AC-CFT3

AC Infinity CLOUDFORGE T3 Plant Humidifier User Manual

Model: AC-CFT3

INTRODUCTION

Thank you for choosing the AC Infinity CLOUDFORGE T3 Plant Humidifier. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use to ensure optimal performance and longevity of your humidifier.

The CLOUDFORGE T3 is designed with smart controls and precision vaporization to achieve optimal humidity levels for plant growth, featuring a 4.5L capacity, 10-level precision vaporizer, extendable targeting hose, and a no-leak seal.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the appliance.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Do not use outdoors.
- Unplug from outlet when not in use and before cleaning.
- Do not allow children to operate the humidifier without supervision.
- Use only clean, distilled water to prevent mineral buildup.

PACKAGE CONTENTS

Verify that all components are present and in good condition:

- AC Infinity CLOUDFORGE T3 Humidifier Unit
- Extendable Tubing
- Sensor Probe
- Power Adapter
- User Manual (this document)



Image: The AC Infinity CLOUDFORGE T3 humidifier unit, showing the main body, transparent water tank, extendable hose, and sensor probe.

SETUP

1. **Placement:** Place the humidifier on a flat, stable, and water-resistant surface. Ensure it is not directly exposed to sunlight or heat sources.
2. **Fill Water Tank:** Remove the top cover and fill the water tank with clean, distilled water. Do not exceed the maximum fill line. Replace the cover securely.

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Video: A short demonstration of filling the humidifier's water tank. The video shows the top cover being removed and water being poured into the tank, then the cover being replaced.

3. **Connect Sensor Probe:** Insert the sensor probe into the designated port on the humidifier. Position the probe in your grow space to accurately measure humidity and temperature.
4. **Attach Extendable Tubing:** Connect the extendable tubing to the humidifier's mist outlet. Direct the tubing towards the area where humidity is desired.
5. **Power On:** Plug the power adapter into the humidifier and then into a suitable electrical outlet. The display will illuminate.



Image: The CLOUDFORGE T3 humidifier positioned inside a grow tent, illustrating its typical setup and use in a plant cultivation environment.

OPERATING INSTRUCTIONS

Control Panel Overview

SMART CONTROLS

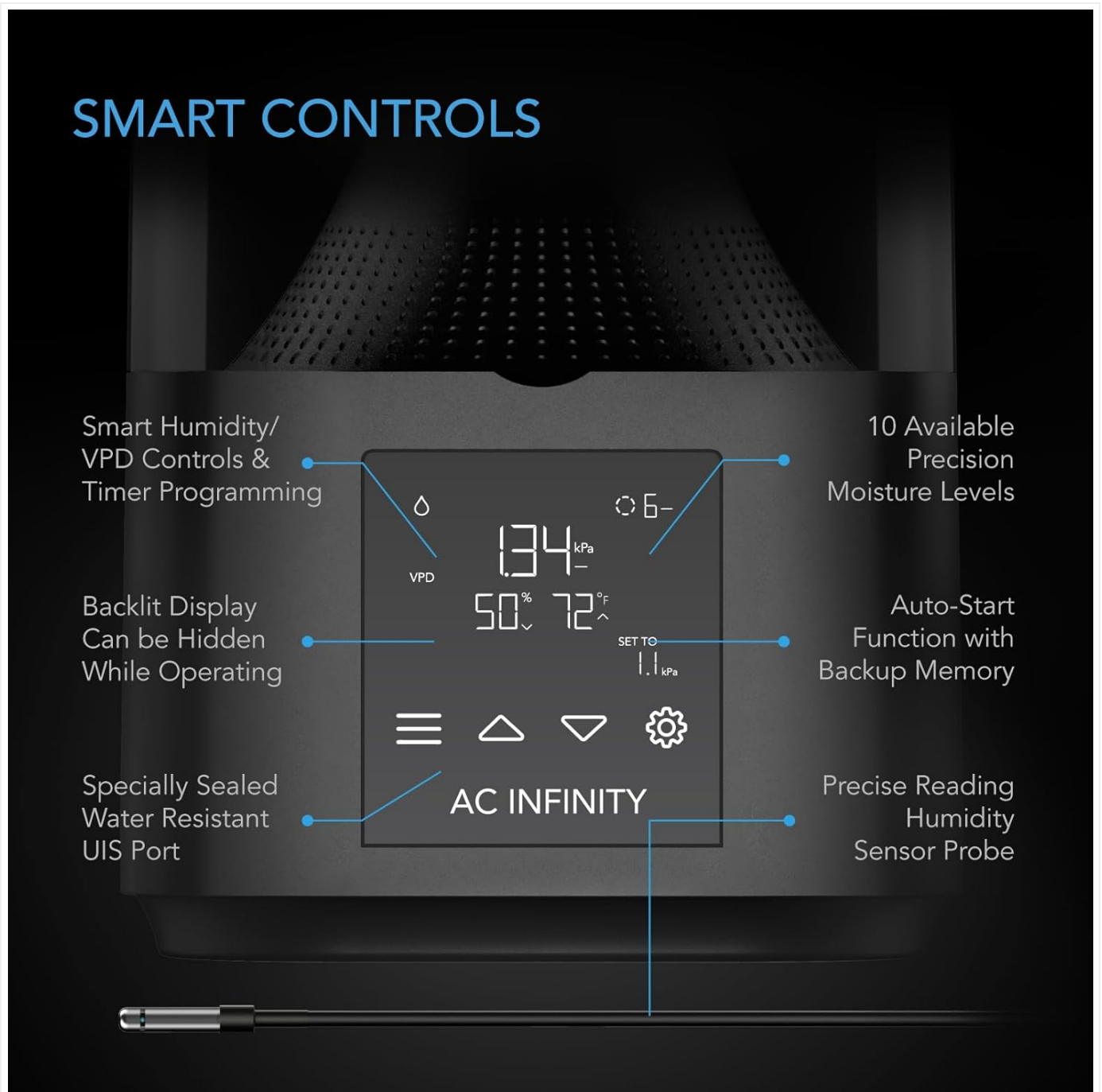


Image: A detailed view of the humidifier's control panel, highlighting the display and various control buttons for setting humidity, VPD, and timer functions.

- **Display:** Shows current humidity, temperature, VPD, and settings.
- **Mode Button:** Cycles through operating modes (e.g., Auto, Manual, Timer).
- **Up/Down Buttons:** Adjust target humidity, VPD, or timer settings.
- **Settings Button:** Access advanced settings and calibration.

Basic Operation

1. **Power On/Off:** Press and hold the power button to turn the unit on or off.
2. **Set Target Humidity:** Use the Up/Down buttons to set your desired humidity level. The unit will automatically adjust mist output to reach and maintain this level.
3. **VPD Control:** The CLOUDFORGE T3 features VPD (Vapor Pressure Deficit) control. Refer to the advanced settings for configuring VPD targets.
4. **Mist Output Levels:** The unit offers 10 levels of precision mist output. These can be adjusted manually or

automatically based on your settings.



Image: A close-up of the humidifier's digital display, showing current humidity, temperature, and VPD readings, indicating the unit's precise environmental monitoring capabilities.

App Control and Integration

The CLOUDFORGE T3 can be controlled and monitored via the AC Infinity app, allowing for remote adjustments, scheduling, and data logging. It can also integrate with other UIST™ platform devices for a unified grow ecosystem.



Image: An illustration showing the AC Infinity CLOUDFORGE T3 humidifier connected wirelessly to a smartphone running the AC Infinity app, and also to a central controller, demonstrating its smart integration capabilities.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your humidifier.

1. **Daily:** Check water level and refill with distilled water as needed.
2. **Weekly:**
 - Empty and rinse the water tank to prevent mineral buildup and bacterial growth.
 - Clean the ultrasonic vaporizer with a soft brush or cloth to remove any residue.
3. **Monthly:**
 - Descale the unit using a vinegar solution (1 part white vinegar to 1 part water). Let it soak for 30 minutes, then rinse thoroughly.

- Clean the sensor probe with a damp cloth.

Caution: Always unplug the unit before performing any cleaning or maintenance. Do not immerse the main unit in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No mist output	Low water level; Clogged vaporizer; Unit not powered on.	Refill water tank; Clean vaporizer; Check power connection.
Inaccurate humidity readings	Dirty sensor probe; Probe placed incorrectly.	Clean sensor probe; Reposition probe away from direct mist.
Unit leaking water	Water tank not seated correctly; Damaged seal.	Ensure tank is properly seated; Contact support if seal is damaged.
Display not working	Power issue; Display hidden.	Check power connection; Press display button to unhide.

SPECIFICATIONS

Feature	Detail
Model Name	CLOUDFORGE T3
Model Number	AC-CFT3
Capacity	4.5 Liters (1.15 gal)
Engine	Ultrasonic Vaporizer
Output Rate	240 ml/h
Max Runtime	45 hours
Wattage	24 watts
Voltage	240 Volts
Product Dimensions	6.77"D x 6.77"W x 14.05"H (17.2 cm D x 17.2 cm W x 35.7 cm H)
Item Weight	4.93 pounds
Control Method	App
Special Feature	Smart Controls, VPD Humidity Controls, 10-Level Precision Vaporizer, Extendable Targeting Hose, No-Leak Seal

SPECIFICATIONS

UIS™

MODEL | CLOUDFORGE T3 (AC-CFT3)

CAPACITY | 4.5 L (1.15 gal)

ENGINE | Ultrasonic Vaporizer

OUTPUT RATE | 240 ml/h

MAX RUNTIME | 45 hours

WATTAGE | 24 Watts

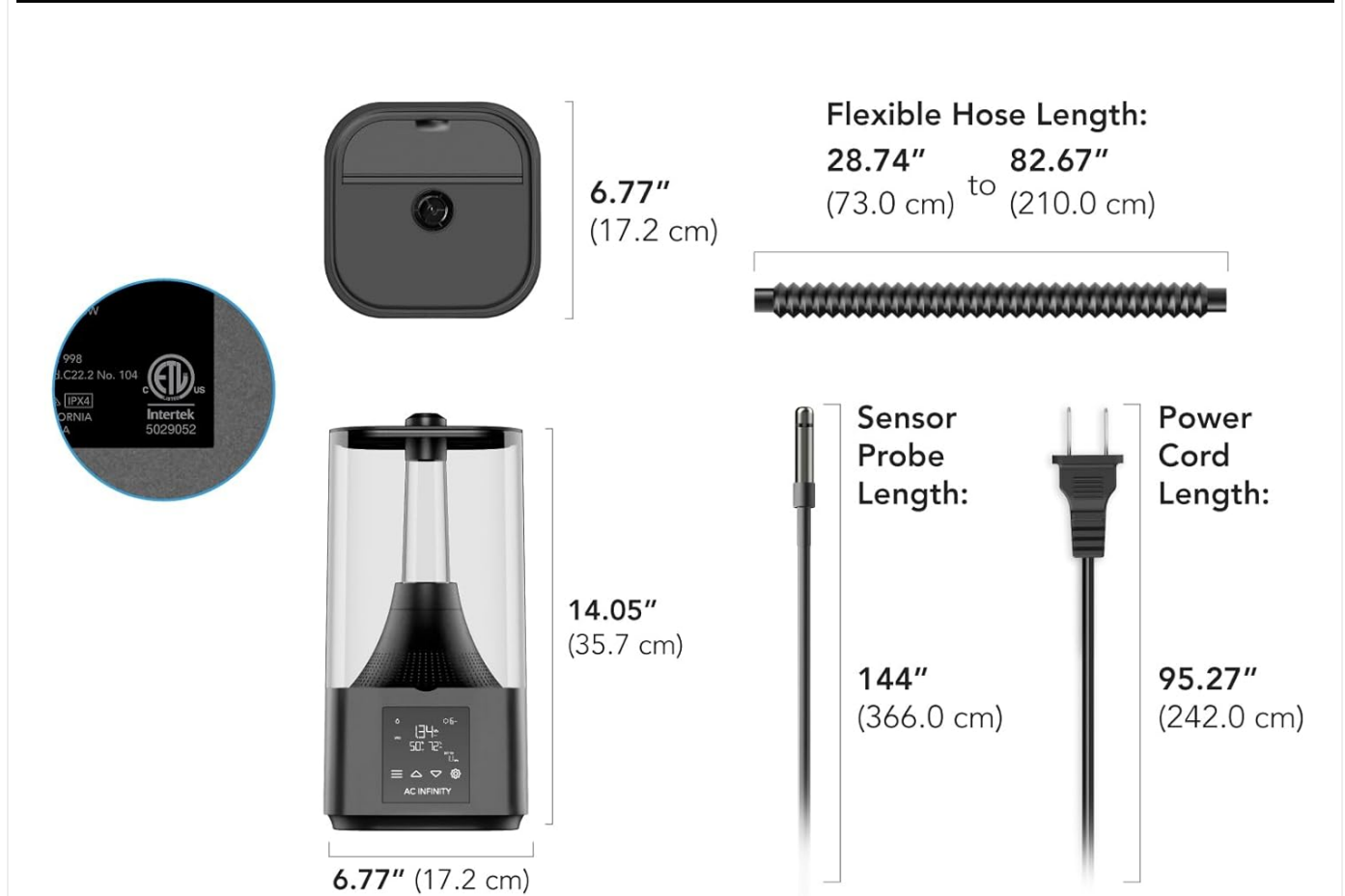


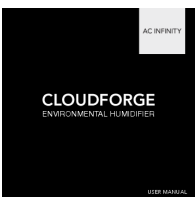
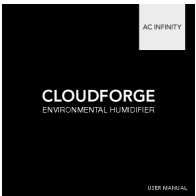
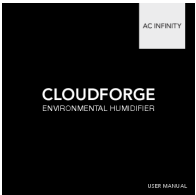
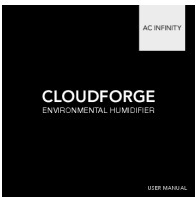
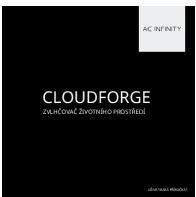
Image: A technical diagram detailing the specifications of the CLOUDFORGE T3, including its dimensions, capacity, output rate, and the lengths of the flexible hose and sensor probe.

WARRANTY AND SUPPORT

AC Infinity products are designed with quality and durability in mind. For warranty information and technical support, please visit the official AC Infinity website or contact their customer service directly.

Official AC Infinity Store: [AC Infinity Store on Amazon](#)

For additional assistance, you may refer to the official User Manual PDF: [User Manual \(PDF\)](#)

	AC Infinity Cloudforge Environmental Humidifier User Manual Comprehensive user manual for the AC Infinity Cloudforge Environmental Humidifier, detailing installation, setup, key features, programming, cleaning, and warranty for models T3, T5, T7, and T9.
	AC Infinity Cloudforge Environmental Humidifier User Manual Comprehensive user manual for the AC Infinity Cloudforge Environmental Humidifier, covering installation, setup, features, programming, cleaning, and warranty information for models T3, T5, T7, and T9.
	AC Infinity CLOUDFORGE Environmental Humidifier User Manual Comprehensive user manual for the AC Infinity CLOUDFORGE Environmental Humidifier series (T3, T5, T7, T9). Covers installation, setup, programming, key features like precision detection and UIS™ platform integration, cleaning, troubleshooting, and warranty information for optimal environmental control.
	AC Infinity Cloudforge Environmental Humidifier User Manual Comprehensive user manual for the AC Infinity Cloudforge Environmental Humidifier, detailing features, installation, setup, programming, cleaning, and warranty. Includes model information for T3, T5, T7, and T9.
	AC Infinity Cloudforge Environmental Humidifier User Manual Comprehensive user manual for the AC Infinity Cloudforge Environmental Humidifier. Learn about installation, setup, features, programming, cleaning, and warranty information for models T3, T5, T7, and T9.
	AC Infinity CLOUDFORGE Zvlhčovač Životního Prostředí - Uživatelská Příručka Kompletní uživatelská příručka pro zvlhčovače AC Infinity CLOUDFORGE (modely T3, T5, T7, T9). Zahrnuje instalaci, nastavení, programování, čištění, bezpečnostní pokyny a záruku.