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## AC Infinity AC-CBD632

# AC Infinity CLOUDLAB 632D 2-in-1 Advance Grow Tent Instruction Manual

Brand: AC Infinity | Model: AC-CBD632

## PRODUCT OVERVIEW

The AC Infinity CLOUDLAB 632D is an advanced 2-in-1 grow tent designed to create optimal climate conditions for year-round indoor plant cultivation. This model features a robust construction with thick poles and high-density canvas, ensuring durability and light protection. Its innovative dual-chamber design allows for simultaneous growth stages, such as vegetative and seedling, within a single unit.



*Image: The AC Infinity CLOUDLAB 632D grow tent, showcasing its dual-chamber design with plants growing inside.*

## SAFETY INFORMATION

- Ensure the grow tent is assembled on a flat, stable surface to prevent tipping.
- Keep all electrical components, such as lights and fans, away from water sources.
- Do not overload hanging bars beyond the specified weight capacity (150 lbs).
- Regularly inspect zippers and seams for wear and tear to maintain lightproofing and structural integrity.
- Keep children and pets away from the grow tent, especially when equipment is in operation.

## PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- Grow Tent Canvas (2000D Diamond Mylar Exterior)
- Alloy Steel Frame Poles (22mm thick)
- Corner Connectors
- Hanging Bars (2 main, 1 extra)
- Removable Floor Tray
- Velcro Wall Divider (for 2-in-1 configuration)
- Controller Mounting Plate
- Instruction Manual

## SETUP AND ASSEMBLY

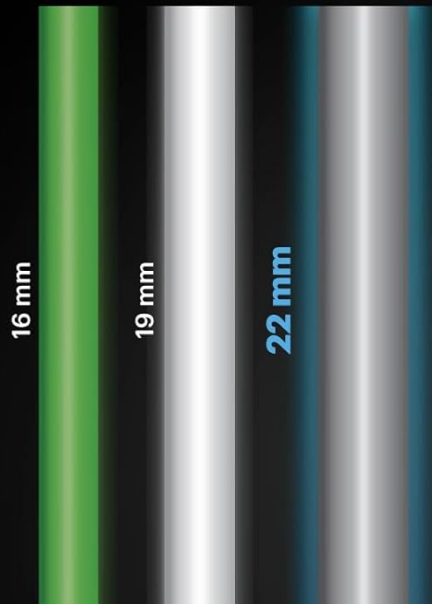
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Follow these steps to assemble your AC Infinity CLOUDLAB 632D grow tent. It is recommended to have two people for easier assembly, especially when fitting the canvas over the frame.

### 1. Frame Assembly

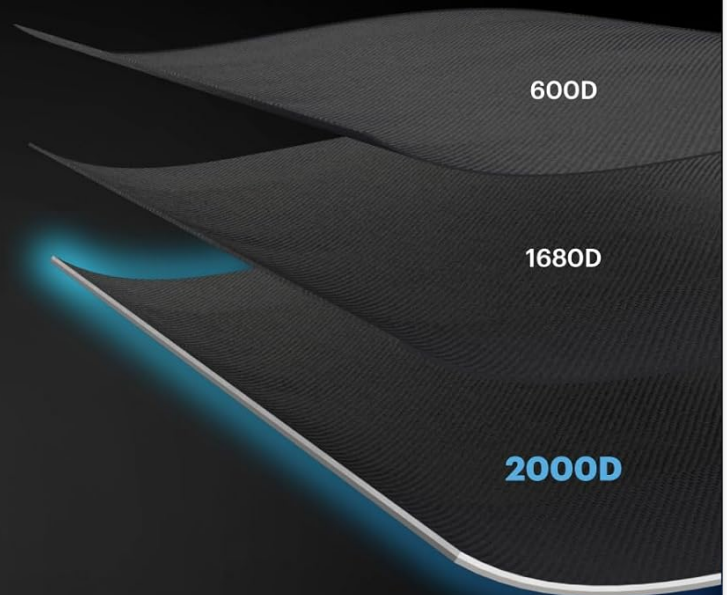
1. Unpack all steel poles and connectors.
2. Connect the base poles using the corner connectors to form the tent's footprint (36" x 24").
3. Attach the vertical poles to the base frame.
4. Connect the top frame poles to the vertical poles using the remaining corner connectors.
5. Ensure all connections are secure and the frame is stable.

# THE ULTIMATE GROW TENT



## THE STRONGEST FRAME

Durable **22 mm** steel poles ensure greater stability to deliver next level support.



## HIGHEST DENSITY CANVAS

**2000D** mylar covering encloses your plants within the thickest canvas on the market.

*Image: Visual representation of the robust 22mm steel frame and the multi-layered 2000D Mylar canvas construction.*

## 2. Canvas Installation

1. Unfold the grow tent canvas.
2. Carefully drape the canvas over the assembled steel frame. It may be a tight fit, so work slowly from the top down.
3. Once the canvas is fully over the frame, zip up all main zippers. The genuine SBS zippers are designed for smooth operation.

## 3. Interior Setup

1. Place the removable floor tray inside the tent. This tray is waterproof and helps contain spills.
2. Install the hanging bars across the top of the tent. The CLOUDLAB 632D includes 2 main and 1 extra hanging bar for supporting lights, fans, and other equipment.
3. If utilizing the 2-in-1 feature, attach the Velcro wall divider to separate the main growing area from the smaller chamber.

4. Mount the controller plate to a designated area on the tent wall. This plate provides a secure location for your environmental controller with passthrough for cable management.

Your browser does not support the video tag.

*Video: An overview of the CLOUDLAB Series Advance Grow Tents, demonstrating key features and assembly steps.*

## FEATURES AND COMPONENTS

### Durable Construction

The CLOUDLAB 632D features a 50% thicker steel frame with 22mm poles, providing superior stability and support for heavy equipment. The exterior is crafted from a high-density 2000D Diamond Mylar canvas, known for its tear-proof and light-blocking properties. The interior's reflective diamond mylar maximizes light efficiency for optimal plant growth.



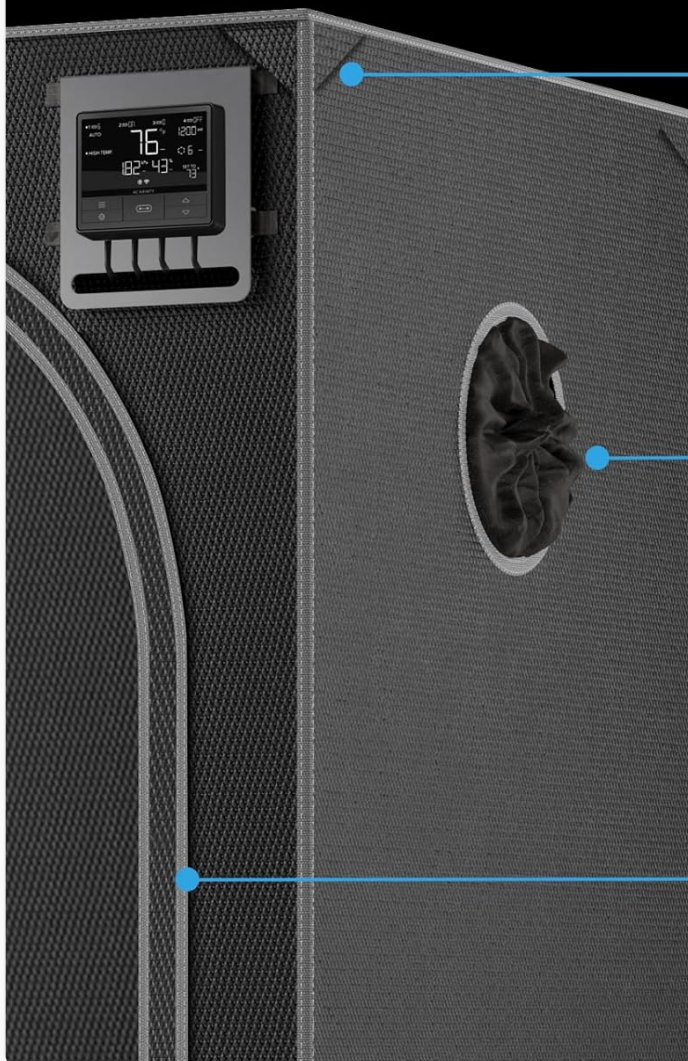
*Image: Illustration highlighting the robust 22mm steel poles and the high-density 2000D Mylar canvas.*

### Lightproofing Technology

Advanced lightproofing features ensure no light escapes or enters the tent, maintaining precise light cycles for your plants. This includes reinforced tent corners, double-cinched ducting ports, and a zipper flap with tight stitching.



# LIGHTPROOFING TECHNOLOGY



Reinforced tent corners (in select models) stop any exterior lighting.

Double cinched ports allow entry to ducting while blocking out light.

Zipper flap and stitching help maintain proper night cycles.

*Image: Details on reinforced corners, double-cinched ports, and zipper flaps for effective light blocking.*

## 2-in-1 Design

The unique 2-in-1 design allows for a secondary chamber with a removable tray and Velcro wall divider. This enables growers to cultivate plants in different stages (e.g., vegetative and seedling) simultaneously, optimizing space and efficiency.



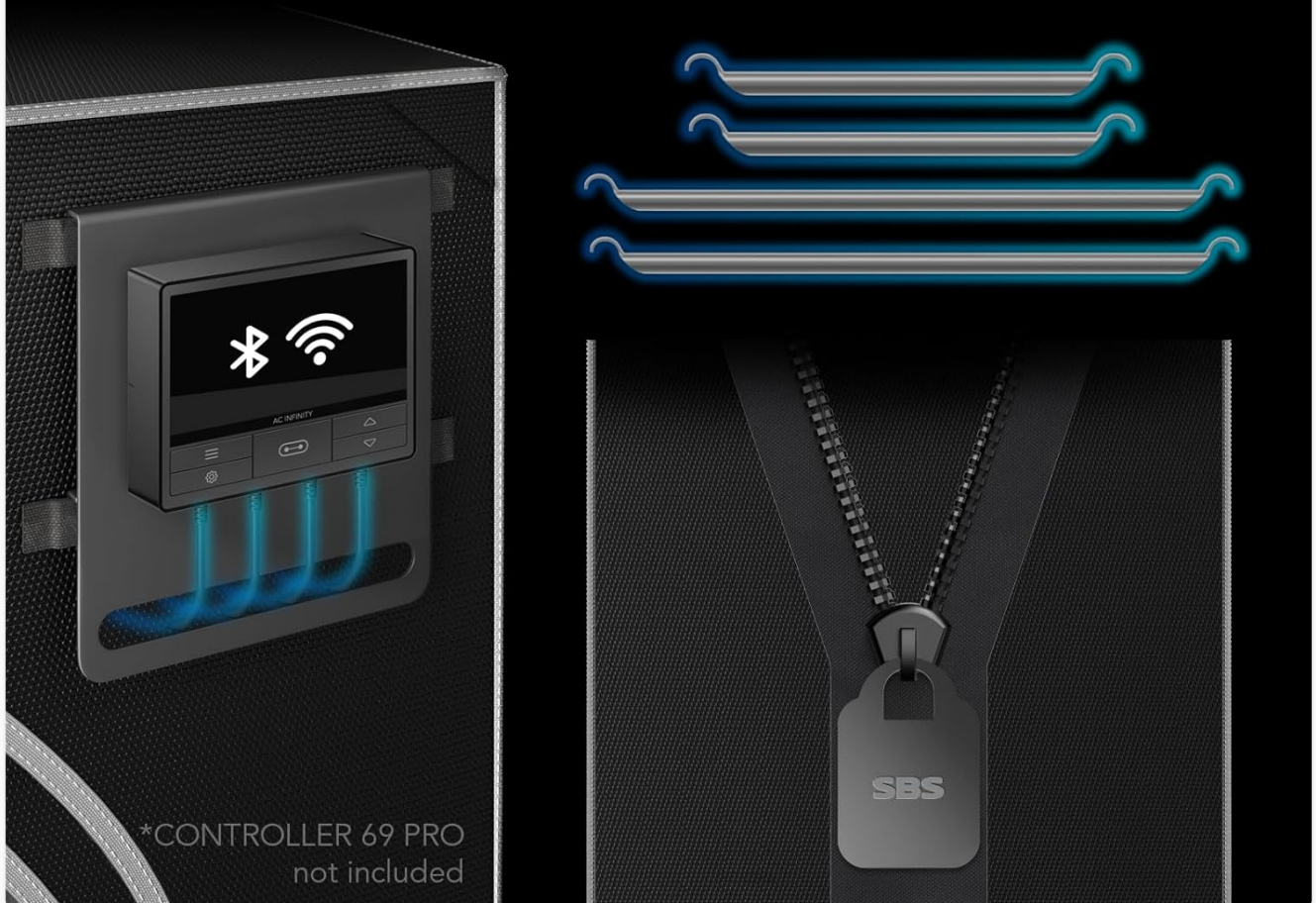
*Image: Benefits of the dual-chamber design, including climate flexibility and enhanced growth versatility.*

## Future Ready Design

The tent incorporates a controller mounting plate with passthrough for clean cable management, preventing light leaks. Heavy-duty SBS zippers ensure smooth and reliable opening and closing. Additional hanging bars provide extra support for various grow devices.

## FUTURE READY DESIGN

Steel mounting plate, heavy-duty SBS zippers, and additional hanging bars optimize your environment through ongoing controller and equipment support.



*Image: Close-up of the controller mounting plate, durable SBS zippers, and hanging bar system.*

## OPERATING INSTRUCTIONS

The AC Infinity CLOUDLAB 632D is designed for ease of use. Once assembled and equipped with your preferred lighting and ventilation systems, you can begin cultivating your plants.

- **Plant Placement:** The main chamber is suitable for 2 plants in 3-gallon pots. The secondary chamber can accommodate additional plants in seedling or vegetative stages.
- **Environmental Control:** Utilize the various ducting ports (4x 4", 2x 6", 1x 8") and mesh vents (3x 7.87" x 15.74") to manage airflow and temperature. Connect inline fans and carbon filters as needed.
- **Monitoring:** Use the viewing window (1x 14.96" x 11.02") to observe your plants without disturbing the internal environment.
- **Cable Management:** Route all power cords and sensor wires through the designated passthrough on the controller mounting plate to maintain lightproofing.



## MAINTENANCE

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- **Cleaning:** Wipe down the interior reflective mylar with a damp cloth as needed. The exterior can be cleaned with a mild soap solution. Ensure the tent is completely dry before closing to prevent mold.
- **Zipper Care:** Periodically clean the zipper teeth and apply a silicone-based lubricant to ensure smooth operation and prevent sticking.
- **Frame Inspection:** Regularly check all frame connections for tightness and stability.
- **Floor Tray:** Remove and clean the floor tray regularly to prevent water buildup and maintain hygiene.

## TROUBLESHOOTING

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If you encounter any issues with your grow tent, consider the following common solutions:

- **Light Leaks:** Check all zippers, ducting ports, and seams. Ensure zippers are fully closed and the zipper flap is properly secured. Tighten drawstrings on ducting ports.
- **Unstable Frame:** Verify that all poles are fully inserted into their connectors and that the frame is level on a flat surface.
- **Poor Airflow:** Ensure inline fans are operating correctly and ducting is free of kinks or obstructions. Check mesh vents for blockages.
- **Difficulty Zipping:** If zippers are stiff, apply a small amount of zipper lubricant. Avoid forcing zippers to prevent damage.

## SPECIFICATIONS

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Feature	Detail
Model Number	AC-CBD632
Brand	AC Infinity
Product Dimensions	36"L x 24"W x 72"H
Frame Material	Alloy Steel (22mm thick poles)
Outer Material	2000D Oxford Canvas
Inner Material	Diamond Mylar (Polyethylene Terephthalate - PET)
Color	Black
Plant Capacity	2 plants (in 3-gallon pots) + 2 with secondary chamber
Hanging Bars	2 main, 1 extra
Weight Capacity (Hanging)	150 lbs
Duct Openings	4x 4" ports, 2x 6" ports, 1x 8" port
Mesh Vents	3x 7.87" x 15.74" (20 x 40 cm)
Viewing Window	1x 14.96" x 11.02" (38 x 28 cm)
Zippers	Genuine SBS Zippers
Item Weight	39.5 pounds (17.96 Kilograms)

# SPECIFICATIONS

MODEL | AC-CBD632  
EXTERIOR | 2000D CANVAS  
INTERIOR | DIAMOND MYLAR

PLATE | STEEL  
FRAME | 22mm STEEL  
WEIGHT CAPACITY | 150 lbs



## DIMENSIONS

36" x 24" x 72" = 36 ft<sup>3</sup>

## DUCT OPENINGS

(x4) 4" Ducting Ports

(x2) 6" Ducting Ports

(x1) 8" Ducting Ports

## MESH VENTS

(x3) 7.87" x 15.74" (20 x 40 cm)

## VIEWING WINDOW

(x1) 14.96" x 11.02" (38 x 28 cm)

## FAN RECOMMENDATION

4" Inline Fan

## PLANT CAPACITY

2 plants in 3 gallon pots  
(+2 with second chamber)

*Image: A diagram detailing the dimensions, duct openings, mesh vents, viewing window, and plant capacity of the CLOUDLAB 632D.*

## WARRANTY AND SUPPORT

AC Infinity products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official AC Infinity website for detailed warranty information and registration. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact AC Infinity customer service through their website or the contact information provided in your product documentation.

Online resources, including FAQs and additional guides, may also be available on the AC Infinity website.

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	<p><a href="#">AC Infinity CLOUDLAB SERIES Advance Grow Tent User Manual</a></p> <p>Comprehensive user manual for the AC Infinity CLOUDLAB SERIES Advance Grow Tent, covering setup, features, product contents, ventilation, and warranty information.</p>
	<p><a href="#">AC Infinity CLOUDLAB SERIES Advance Grow Tent User Manual</a></p> <p>Comprehensive user manual for the AC Infinity CLOUDLAB SERIES Advance Grow Tent, detailing setup instructions, key features, product contents, ventilation guidance, configuration options, and warranty information.</p>
	<p><a href="#">AC Infinity CLOUDLAB Series Advance Grow Tent User Manual</a></p> <p>Comprehensive user manual for the AC Infinity CLOUDLAB Series Advance Grow Tent, covering setup, features, product contents, ventilation, and warranty information.</p>
	<p><a href="#">AC Infinity CLOUDLAB SERIES Grow Tent Manual and Setup Guide</a></p> <p>Comprehensive guide for AC Infinity CLOUDLAB SERIES grow tents, covering setup instructions, product contents, key features, controller mounting, configuration, warranty, and other AC Infinity products. Includes detailed steps for various models.</p>
	<p><a href="#">AC Infinity CLOUDLAB SERIES Advance Grow Tent User Manual</a></p> <p>User manual for the AC Infinity CLOUDLAB SERIES Advance Grow Tent, providing setup instructions, key features, product contents, and warranty information.</p>
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