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## Evapolar EV-500G

# Evapolar evaCHILL Portable Air Conditioner User Manual

Model: EV-500G

## 1. PRODUCT OVERVIEW

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The Evapolar evaCHILL is a compact and portable 3-in-1 personal air cooler designed to cool, humidify, and clean the air in your immediate personal space. Utilizing evaporative technology, it provides a natural and energy-efficient cooling solution. It is ideal for use on a desk, in an office, car, or during camping, focusing on cooling the individual rather than an entire room.

The device features a convenient handle for portability, four fan speeds, and simple one-button control. Its unique EvaBreeze basalt fiber cartridge material is safe for breathing and also helps to capture large dust particles.



Image: The Evapolar evaCHILL Portable Air Conditioner, showcasing its compact design.

## 2. KEY FEATURES

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- **3-in-1 Cooling:** Cools, humidifies, and cleans the air using evaporative technology.
- **Personal Cooling Zone:** Effectively cools your personal space within 3-5 feet.
- **Energy-Efficient:** Consumes only 10W of power, reducing electricity costs.
- **Safe for Breathing:** Features a long-lasting EvaBreeze basalt fiber cartridge.
- **Ultra-Portable:** Lightweight (1.65 lbs) with a built-in handle, powered via USB (minimum 2A 5V).
- **Quiet Operation:** Operates at a low noise level of 25 dB.
- **Simple Control:** One-button control for power and fan speed adjustment.
- **Integrated LED Light:** Provides ambient lighting.

# Features



Image: Diagram highlighting key features like one-button control, 800ml water tank, rotating grill, and LED light.

## 3. PACKAGE CONTENTS

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Please check the box for the following items:

- Evapolar evaCHILL Portable Air Conditioner Unit
- USB Power Cable
- Water Filling Funnel
- User Manual (this document)

## 4. SETUP

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1. **Place the Unit:** Position the evaCHILL on a flat, stable surface in your desired personal cooling area.
2. **Fill the Water Tank:** Open the back cover of the unit. Use the provided funnel to carefully pour clean, filtered water into the reservoir. The reservoir capacity is 800ml (27 oz) and can provide up to 8 hours of cooling depending on

environmental conditions and fan speed. Ensure the water level does not exceed the maximum fill line. Close the back cover securely.

3. **Connect Power:** Plug the USB power cable into the designated port on the back of the evaCHILL unit. Connect the other end to a compatible USB power source (e.g., power bank, laptop, wall adapter with at least 2A 5V output).



Image: Visual guide showing steps to fill the water tank, plug in the unit, press the button, and place it nearby.

## 5. OPERATING INSTRUCTIONS

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The Evapolar evaCHILL is controlled by a single button located on the top of the unit.

- **Power On/Off:** Press the button once to turn the unit on. Press and hold the button for a few seconds to turn the unit off.
- **Adjust Fan Speed:** While the unit is on, short press the button repeatedly to cycle through the four available fan speeds.
- **Control LED Light:** The unit features an integrated LED light. To turn the light on or off, press and hold the button

for approximately 3 seconds.

*Note: For optimal cooling, allow the filter cartridge to fully soak with water for about 20 minutes after initial filling or refilling.*

## 6. MAINTENANCE

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- **Water Tank Refill:** Refill the water tank as needed when the water level is low. Always use clean, filtered water to prevent mineral buildup.
- **Cartridge Replacement:** The EvaBreeze cartridge should be replaced every 3-6 months, depending on usage and water quality, to maintain optimal performance and air quality. Replacement cartridges are available from authorized Evapolar retailers.
- **Cleaning:** Regularly wipe the exterior of the unit with a soft, damp cloth. Do not submerge the unit in water or use abrasive cleaners.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Unit does not power on.	No power, loose connection, insufficient power source.	Ensure USB cable is securely connected. Use a power source with at least 2A 5V output. Try a different USB port or adapter.
No cool air/poor cooling.	Insufficient water, dry cartridge, high humidity, unit not in personal space.	Check water level and refill if necessary. Allow 20 minutes for the cartridge to soak. Note that evaporative coolers are less effective in high humidity (above 70%). Ensure the unit is within 3-5 feet for personal cooling.
LED light stays on/cannot be turned off.	Expected behavior with some power sources.	If the light cannot be turned off via the button, unplug the unit from the power source.
Unusual noise.	Unit not on a flat surface, internal obstruction.	Ensure the unit is on a stable, flat surface. Check for any foreign objects inside the unit.

## 8. SPECIFICATIONS

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Attribute	Detail
Brand	Evapolar
Model Name	evaCHILL (EV-500G)
Product Dimensions	6.7"D x 6.7"W x 6.7"H
Item Weight	1.65 pounds
Color	Grey
Mounting Type	Freestanding
Air Flow Capacity	50 Cubic Feet Per Minute
Controls Type	Button
Reservoir Capacity	800 Milliliters (27 oz)
Floor Area (Recommended)	26 Square Feet (Personal)
Standby Power Consumption	10 Watts
Noise Level	25 dB
Number of Speeds	4
Voltage	5 Volts

## 9. WARRANTY & SUPPORT

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The Evapolar evaCHILL Portable Air Conditioner comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For further assistance, troubleshooting, or to purchase replacement parts and accessories, please visit the official Evapolar Store on Amazon or their official website:

[Evapolar Store on Amazon](#)

Please note: No official product videos from the seller were available for embedding in this manual.