RECYCLING

At the end of its service life period
the product should be recycled according
to the recycling procedures in your region.

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Personal Air Cooler

evaCHILL EV-500
PRODUCT GUIDE

CONTENTS

SAFETY REGULATIONS

When using electrical appliances, basic safety precautions should always be followed, including the listed below:

WARNING!

Use this device according to its intended purpose as described in this booklet.

- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the device by a person responsible for their safety.
- The device must be placed onto a smooth horizontal surface. Tilting/turning upside down may cause a water leak and damage the device.
- Use only pure water without any additives to fill the device. Usage of other liquids is prohibited. Do not add any aromatic oils or any other odorous substances into the water.
- Disconnect the device before the following actions: filling, cleaning, technical maintenance, removing/replacing elements and moving the device.

- Do not clean the device with gasoline, window-washing liquid or any organic solvent. The warranty does not cover damages caused by improper cleaning.
- In case of a leak or if water spills onto the surface of the device, immediately disconnect the power cord and let the device dry for at least 24 hours.
- Disconnect all cables by holding the plugs and never pull on the cables themselves.
- To avoid possible damage to the device,
  - do not let any foreign objects enter the device.
  - do not place heavy items on top of the device.
  - do not submerge the device in water or any other liquid (see cleaning guide below).
  - do not subject the device to excessive shocks and vibrations.
  - do not cover the operating device.
  - do not leave the operating device unattended.
- Stop using the device if you notice an unusual sound or smell.

DANGER!

- Do not open the upper cover of the device and/or remove any replaceable parts of the device while it's in operation.
- Do not try to touch the fan or block it with any foreign objects while it's in operation.

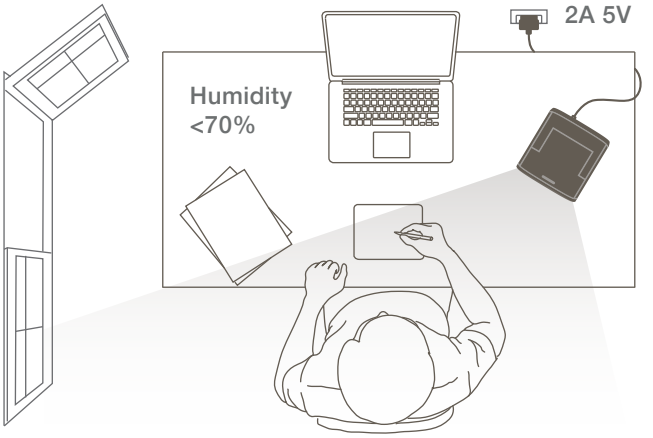
— Do not touch the power supply or power cord with wet hands.
— Do not place the device next to a heating electrical equipment and other heat sources, including naked flames.
— Do not place the device upon or next to any other electronic devices (in case of leakage, there is a danger of a short circuit).
— Do not use the device while bathing or in the shower.
— Do not operate the device with a damaged cord or plug, if you noticed it is not working properly, if it has been dropped or damaged.

Failure to heed the warnings above may result in damage to the device or injury. The manufacturer does not take any responsibility for any damage arising from failure to comply with this product guide.

In case you notice any malfunction, please check out our troubleshooting guide

If you have not found a solution to your problem, please contact our support team (see page 14), do not try to fix the problem yourself. All repairs must be carried out by qualified service personnel.

BASIC PRINCIPLES OF WORK



To enjoy a nice cool breeze on a hot day, you need:

1. Well-ventilated room
2. Relative humidity <70%
3. 800 ml (27oz) of pure water
4. Power supply 2A 5V

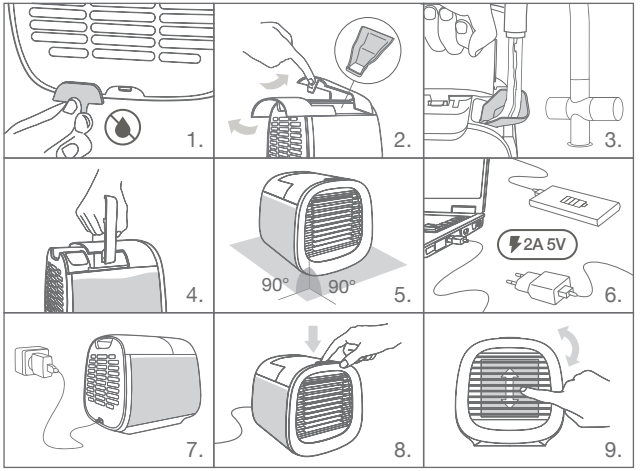
TO START THE DEVICE FOLLOW THE STEPS

FILLING WITH WATER

1. Disconnect the cord, protect the USB-port with the silicone plug.
2. Slide the handle backward and lift it up. The water reservoir opening is located under the handle. Push down the locker and open the upper cover. You will find a funnel inside.
3. Fill the reservoir with pure water (filtered water is strongly recommended). Use the funnel for safer filling.
4. In order to avoid leakage, hold the device horizontally, by the handle and move it slowly.
5. Place the device on the flat horizontal surface, put the handle down, and slide it back to its original position.

OPERATING

6. Use a laptop or PC/power bank/adaptor plugged into a socket as a power source. 2A 5V is a minimum requirement.
7. Use the power cord to connect the device to the power source. You will see the three LED lights blinking one by one.
8. Push the control button on top of the device to start the fan and adjust the airflow speed.
   - Short press: turn the device on/off, adjust the airflow speed.
   - LED lights: left - 1st speed, middle - 2nd speed, right - 3rd speed. All the LED lights on – extra speed.
   - Long pressing (pressing and holding) at any time: lighting on/off.
9. Move the front grills to adjust the airflow direction.



The temperature of the outgoing air will start decreasing in a few minutes. Enjoy your personal microclimate!
Depending on air temperature and humidity, the full reservoir should provide from 3 to 8 hours of uninterrupted cooling.

TIP: To extend the the time period before the next refill you need to fill up the reservoir, wait until the cartridge is full of water (max. 10 minutes) and then refill the reservoir once again.

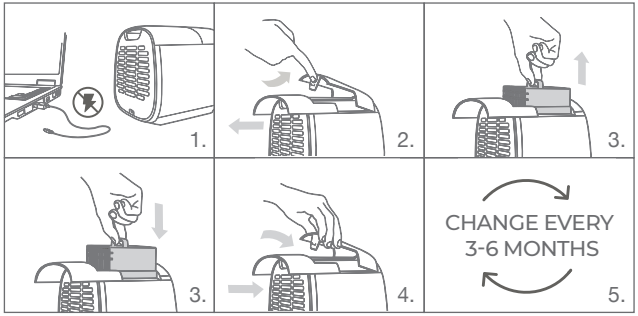
TIP: If you would like to feel a light pleasant aroma in your room, we have come up with an aroma clip especially for you.
Visit **evapolar.com/en/shop** to make a purchase.

TIP: If for any reason you are unable to connect your device to a direct power source (eg, while camping), you can use a power bank.
Visit **evapolar.com/en/shop** to make a purchase.

REPLACING THE CARTRIDGE

1. Disconnect the device from a power source.
2. Slide the handle backwards, remove the cover and take out the funnel.
3. Take out the old cartridge by moving it upwards, place a new cartridge in place of the old one. Check the orientation and keep pushing until the cartridge is in the center of the device.
4. Place the upper cover of the body back so that it fits in the slots, slide the handle back to its original position.
5. The device is ready to use.

- Depending on usage and storage, the cartridge can last 3-6 months.
- Poor water quality reduces the lifespan of the cartridge.



MAINTENANCE: CLEANING, STORAGE, TRANSPORTATION

We strongly recommend drying the device totally before cleaning, storage and long distance transportation.
To do this, you need to set the device to run on the maximum fan speed for at least 4-5 hours to dry the water out from the internal reservoir section.

CLEANING

The cleaning period depends on the level of dust in the area you use your air cooler in.
The front grill and the internal area can be wiped with a soft cloth.
A cleaning procedure can be carried out, when

— The device is totally dry
— The device is unplugged
— The cartridge is extracted

! Do not wipe the inside of the cartridge, just its outer plastic body.

STORAGE DURING LONG PERIODS OF NO USAGE

If you're not intending to use the device for more than 5 days, we strongly recommend the following:

- Dry the device and clean it (as described above).
- Place the device into an appropriately sized package for storage (original package is recommended). Store the device in a dry space at room temperature.

TRANSPORTATION

Before any kind of transportation, the device should be disconnected from the power source.
Do not transport the device long distances with a wet cartridge; please see "Storage during long periods of no usage" section. For shorter distances, make sure that the device with a wet cartridge is not isolated in a box or bag with no airflow.

TROUBLESHOOTING

PROBLEM: Cold air does not come out of the device despite the fact the cartridge is wet
POSSIBLE CAUSE 1: Humidity level over 70%
SOLUTION: Ventilate the room
POSSIBLE CAUSE 2: The cartridge has expired
SOLUTION: Replace the cartridge

PROBLEM: Cold air does not come out of the device and the cartridge seems to be dry despite the fact the water tank is full
SOLUTION: Since there can be different reasons for that, please, contact our support team

PROBLEM: The device does not work at higher speed and restarts, LED dims, button blinks chaotically
POSSIBLE CAUSE: The device does not receive enough power
SOLUTION: Ensure the power source for your evaCHILL is 2A 5V. Please, contact our support team if that didn't help

PROBLEM: The fan does not move and lights keep blinking at regular intervals
POSSIBLE CAUSE: The upper cover is missing or positioned improperly

SOLUTION: Remove the upper cover and put it back and/or make sure it sits in slots properly. Please, contact our support team if that didn't help

PROBLEM: The device suddenly started emitting an unpleasant odor
POSSIBLE CAUSE: Impurities in water or air absorbed by the filter
SOLUTION: Pour a full tank of clean, distilled water and let the device completely dry out (this may take several times to remove the smell completely)

PROBLEM: There is water near the device
POSSIBLE CAUSE: Should be reviewed properly with a support team specialist, please, contact us via the link below

TECHNICAL SUPPORT

SPECIFICATIONS

Input voltage / current	5 V / 2 A
Power consumption	7.5 W
Cooling power	100 W - 350 W / 340 - 1190 BTU/hr
Coverage area (in the direction of the airflow)	Up to 2 m^2 (21 ft^2)
Volumetric Flow Rate	49.1 cfm
Energy Efficiency Ratio (EER)	21-37
Water tank capacity	800 ml (27oz)
Water refill cycle	every 3 - 8 hours
Size	172 x 170 x 170 mm (6.77 x 6.69 x 6.69 inch)
Weight (without water)	750 g (1.65 lb)
Working conditions	Relative humidity <70% Temperature >18°C (64F)
Working noise level	25-50 dB
Package set	Replaceable cartridge, Power cable (USB micro), Funnel

EEE WASTE

Please, dispose of the cartridge and the device according to the state law.

LEGAL INFORMATION

The device complies with the requirements of EU Directives – 2014/35/EU Low Voltage Directive and 2014/30/EU EMC Directive, as well as the following European harmonised standards:

- EN 55014-1:2006/ A1:2009/ A2:2011 - Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus Part 1: Emission
- EN 55014-2:2015 - Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Part 2: Immunity. Product family standard
- EN 61000-3-2:2014 Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment input current ≤16 A per phase)
- EN 61000-3-3:2013 Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment

with rated current ≤16A per phase and not subject to conditional connection

— EN 60335-1:2012/AC:2014/A11:2014 - Household and similar electrical appliances. Safety. Part 1: General requirements
— EN 60335 -2-40:2003/ A11:2004/ A12:2005/ C1:2006/ A1:2006/ A2:2009/ C2:2010/ A13:2012/ A13/AC:2013 - Household and similar electrical appliances. Safety. Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

The device is marked by the sticker on the inner surface of the case and contains the following data: manufacturers name \ product name \ serial number \ year of manufacture \ power settings (voltage, frequency, maximum power consumption, weight) \ CE marking.