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Personal Air Cooler evaSMART™ EV-3000 PRODUCT GUIDE

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INTRODUCTION

Congratulations!

You have bought your own personal, evaSMART™ air cooler from Evapolar. To take full advantage of the device, please install the Evapolar Mobile Application and read the product guide before you start using it.

Intended use:

The evaSMART air cooler is designed to cool and humidify the personal zone around you by creating a local microclimate within an area of 2-3 m (6.2- 9.3ft). evaSMART can be controlled via the mobile application, Smart Home integrations or the device control panel. The best effect can be achieved indoors and in well-ventilated rooms.

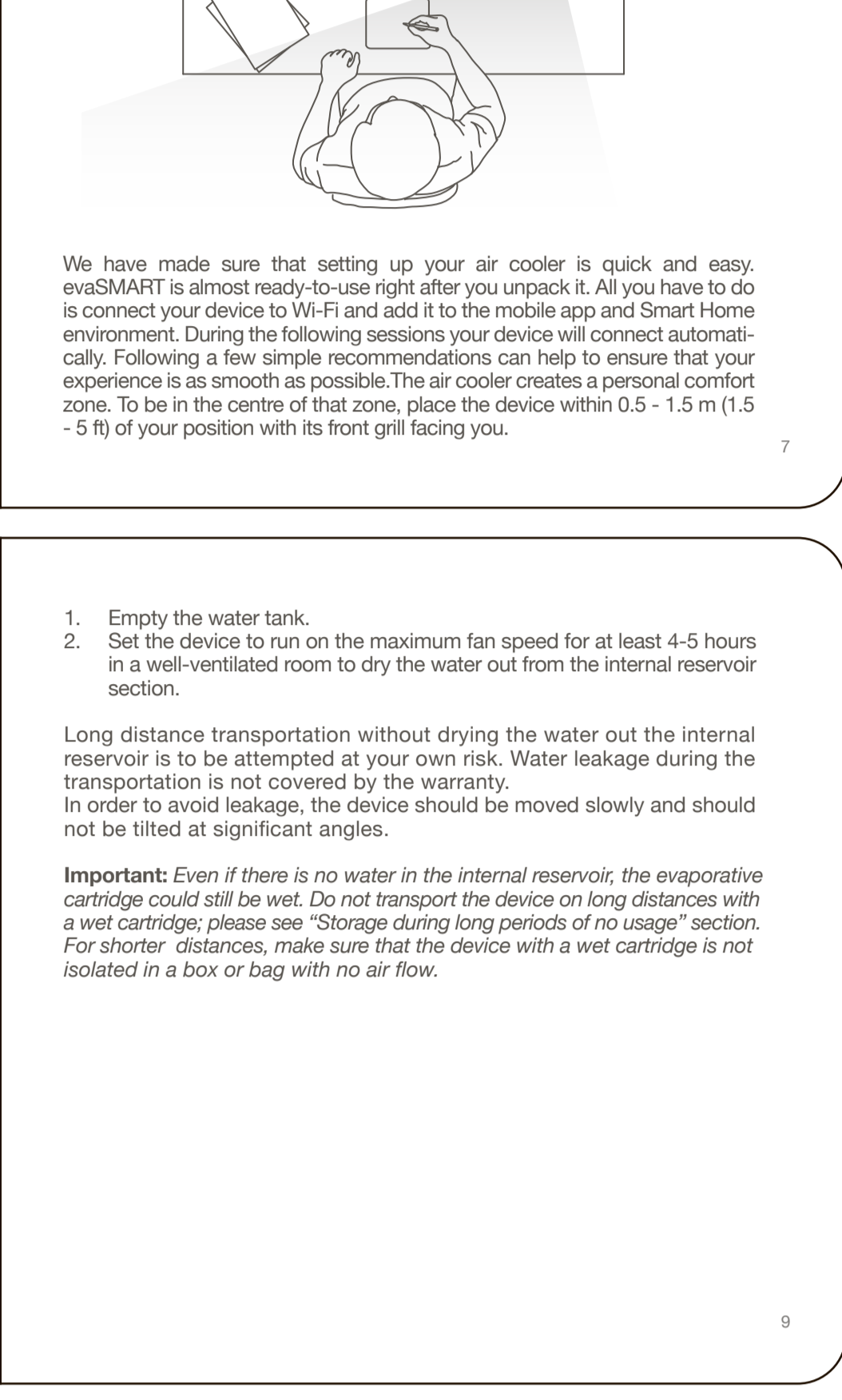
Safety regulations:

- Do not install water tank with water without cartridge inside.
- The device must be placed onto a smooth horizontal surface. Tilting it at significant angles may cause a water leak and damage the device.
- Remove the reservoir and set the device to run on the maximum fan speed for at least one hour to dry the water out from the internal reservoir before taking out the cartridge. Do not take the cartridge out of the device unless it is done.
- Do not carry the device a long distance when it is filled with water. Even with the empty external water reservoir, some water will still remain in the internal one. Please refer to the "Moving and long distance transportation" section of this product guide.

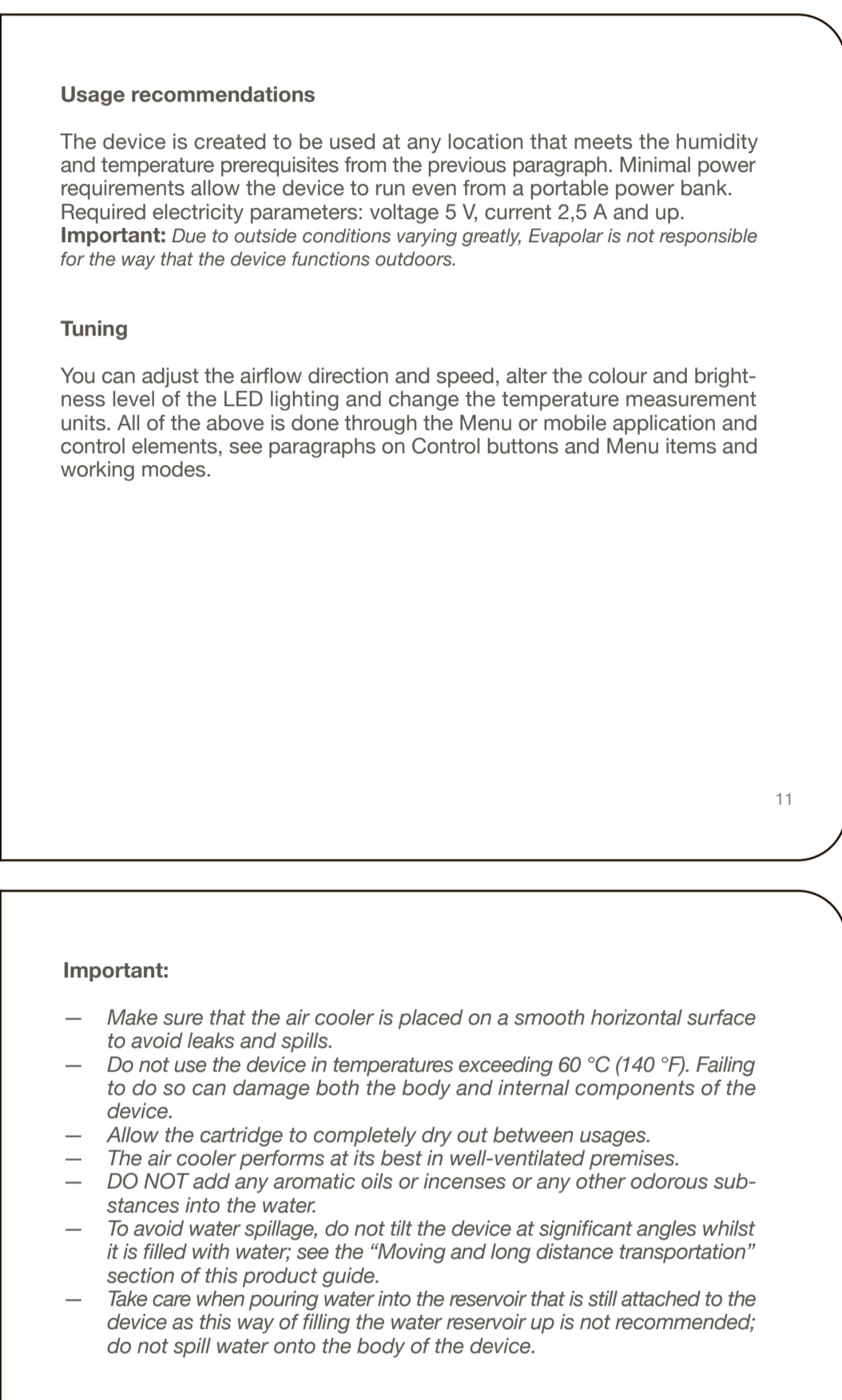
transportation" section of this product guide.

- For personal safety and your functionality of the device use only clean, untreated tap water. If the source of water is polluted and you are not sure about its safety, please use distilled water. It is recommended to perform the cleaning and technical maintenance of the device according to the "Cleaning" section of this product guide.
- The device is not intended for use in a highly polluted environment. Large dust particles, dirt, etc., can seriously affect the longevity of the device's evaporative cartridge life-cycle.
- Make sure that water does not spill onto the external parts of the device. Do not use it near water, in a swimming pool, bathroom, laundry room, outdoors when raining or at any other location with high humidity levels.
- 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.
- Do not place the device under direct sunlight.
- If you do not plan to use the device for a long time, empty the water reservoir and let the device run at maximum power for at least 4 hours to allow the cartridge to dry out.
- Use only the original power supply from the package.
- Do not touch the power supply or power cord with wet hands.
- Unplug the device during the following actions: cleaning, filling, technical maintenance, removing/replacing elements and moving the device. To maximise the effect the device should be placed on an elevated surface, e.g. a table or a cupboard.
- Do not place the device next to a heater or within proximity of any electrical equipment.
- Do not place the device in passageways or any other location from where it will cause obstruction and can be accidentally knocked over.
- To maximise the effect the device should be placed on an elevated surface, e.g. a table or a cupboard.
- Do not place heavy items on top of the device.

- Do not block the front and back grills of the device.
- Do not turn the device upside down; this will disrupt its functionality.
- Do not submerge the device in water or any other liquid; see cleaning guide below.
- Do not connect the power source (cables, etc.) on top of the device.
- People with limited physical, visual or mental abilities or lacking proper experience and/or knowledge should never use the device without the supervision of those responsible for their safety or those capable of assistance in case of emergency.
- The device can be switched off completely only when it is disconnected from the power supply.
- The manufacturer does not bear any responsibility for any damage arising from failure to comply with this product guide.
- A replaceable evaporative cartridge is designed specifically for this product. To maximise the effect of the device the cartridge should be changed every 3-6 months depending on air and water conditions. If your cartridge has been broken or damaged, you can purchase a replacement on Evapolar.com or from your local retailer.
- Children should be supervised to ensure that they do not play with the appearance:



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The temperature of the outgoing air will start decreasing in a few minutes. You can vary the airflow intensity using the mobile app or with the arrows on the top panel of the device. Enjoy your personal microclimate!

Important: During the first use you may notice a technical smell. This is normal and it will vanish completely after several hours of use. During the first use you will see black water residue on evaporative parts. This is normal and will enable your device to work properly.

We have made sure that setting up your air cooler is quick and easy. evaSMART is almost ready-to-use right after you unpack it. All you have to do is connect your device to Wi-Fi and add it to the mobile app and Smart Home environment. During the following sessions your device will connect automatically. Following a few simple recommendations you can be ensure that your device is as smooth as possible. The air cooler creates a personal comfort zone. To be in the centre of that zone, place the device within 0.5 - 1.5 m (1.5 - 5 ft) of your position with its front grill facing you.

To keep the device from causing any obstructions, place it slightly to one side of your position. In this way, you will always have room for your laptop, book or any other easy-needed for your activities.

Filling the reservoir:

The device only needs water to work properly. You should remove the reservoir from the back side of the device, fill it with water and then place it back. The water will start flowing automatically.

The fan will stop spinning if you remove the reservoir from the device when it is running and will resume after you put the reservoir back.

Depending on the quality of the air in the room, the full reservoir should provide from 6 to 8 hours of uninterrupted cooling. To extend this time you need to fill the reservoir, place it on the device, wait until the cartridge is full of water and then refill the reservoir. After this operation, the running time will be extended by 1 to 3 hours. For instance, this may be useful if you want to use the device whilst you sleep. The transparent reservoir lets you assess the device level instantly. It is worth mentioning that the evaporative cartridge will absorb up to 400 ml of water which means that once the reservoir is empty, the device will start cooling for a further 15-20 minutes while the new water runs out completely, the device will be working as if it were full.

Moving and long distance transportation

Before a long distance transportation, the device should be disconnected from the power source. In addition to the water visible in the transparent external reservoir on the side, the device also stores a bit of water in the internal one so that the evaporative cartridge could absorb it. Before transportation, however, be sure to empty the reservoir.

- Empty the water tank.
 - Set the device to run on the maximum fan speed for at least 4-5 hours in a well-ventilated room to dry the water out from the internal reservoir.
- Long distance transportation without drying the water out the internal reservoir is to be attempted at your own risk. Water leakage during the transportation is not covered by the warranty.
- Do not touch the power supply or power cord with wet hands and should not be tilted at significant angles.
- Important:** Even if there is no water in the internal reservoir, the evaporative cartridge should still be wet. Do not transport the device on long distances with a wet cartridge; please see "Storage during long periods of no usage" section. For shorter distances, make sure that the device is dry.
- Important:** Do not add any aromatic oils or incenses or any other odorous substances into the water.
- Do not** add water spills; do not tilt the device at significant angles whilst it is filled with water; see the "Moving and long distance transportation" section of this product guide.
- Take care** when pouring water into the reservoir that is still attached to the device as this may result in water leakage. If you do not use the device, do not spill water onto the back of the device.

Temperature parameters

evaSMART Air Coolers work by using natural evaporative cooling so its power level can change in various climates. The charts below summarize the outgoing air temperature approximates in different meteorologic conditions in both Celsius and Fahrenheit.

	75 F	85 F	95 F	105 F
Incoming humidity	59.3	65.6	72.1	78.9
40%	62.0	69.0	75.5	82.4
50%	64.5	71.6	78.1	86.7
60%	67.1	75.0	82.9	90.8
70%	69.6	77.9	86.0	94.2

Temperature of outgoing air, °F

	25 °C	30 °C	35 °C	40 °C
Incoming humidity	19.2	18.7	22.3	28.1
40%	16.7	20.8	24.2	29.0
50%	18.1	22.0	26.2	30.4
60%	19.5	23.9	28.3	32.7
70%	20.9	25.5	30.0	34.6

Temperature of outgoing air, °C

Device recommendations

The usage is created to be used at any location that meets the humidity and temperature prerequisites from the previous paragraph. Minimal power requirements allow the device to run even from a portable power bank.

In order to avoid leakage, the device is designed to work at 2.5 A and up.

Important: Due to voltage fluctuations, always use the power source that is suitable for the way that the device functions outdoors.

Tuning

You can adjust the airflow direction and speed, alter the colour and brightness level of the LED lighting and change the temperature measurement units. All of the above is done through the Menu or Mobile application and control elements, see paragraphs on the Menu or Mobile items and working modes.

Mobile application

The full list of device features is available through the mobile application that is connected to the device via Wi-Fi. All of the instructions for Evapolar mobile application usage are available in the application.

Please find the connection establishment here: evapolar.com/wifi

Smart Home

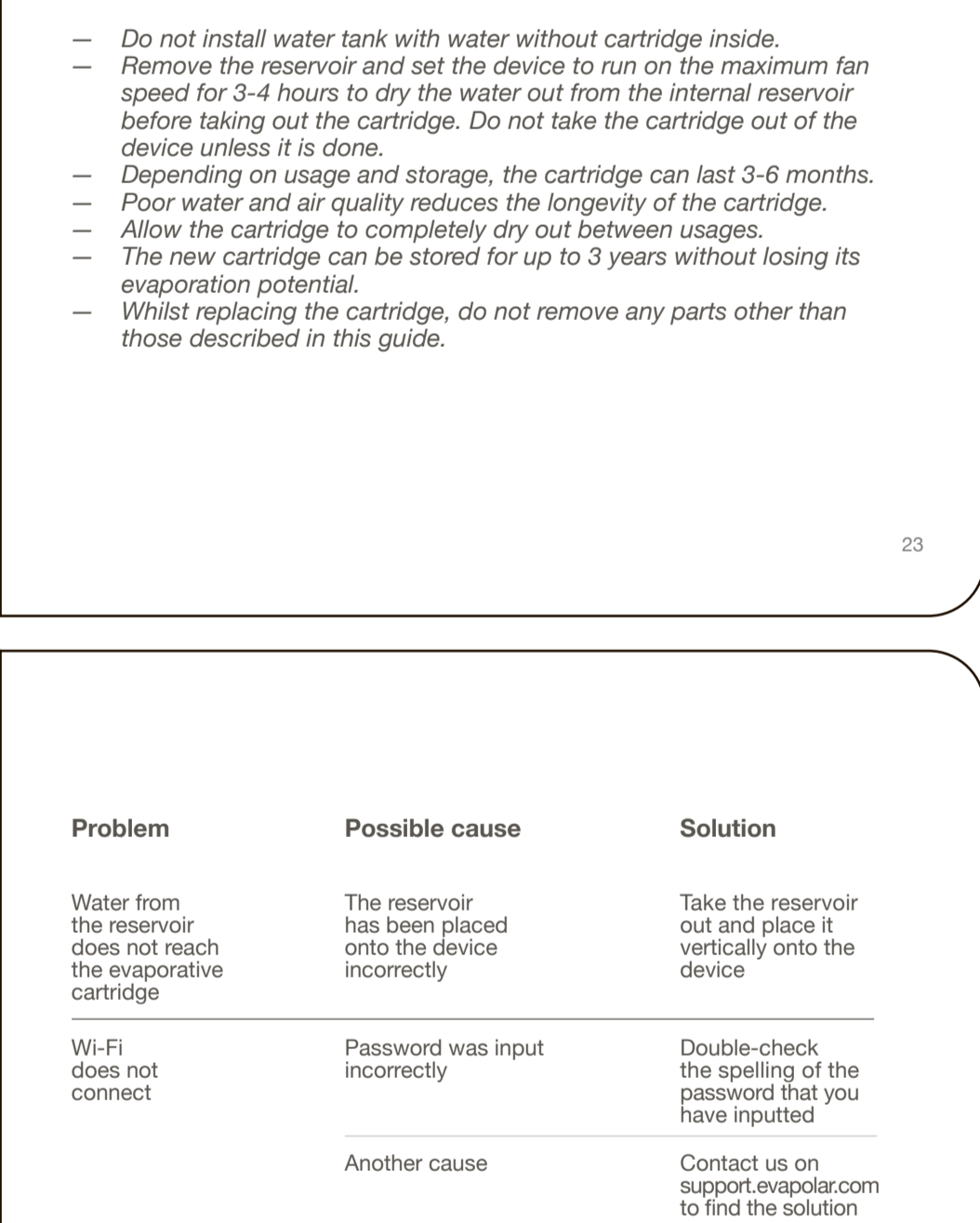
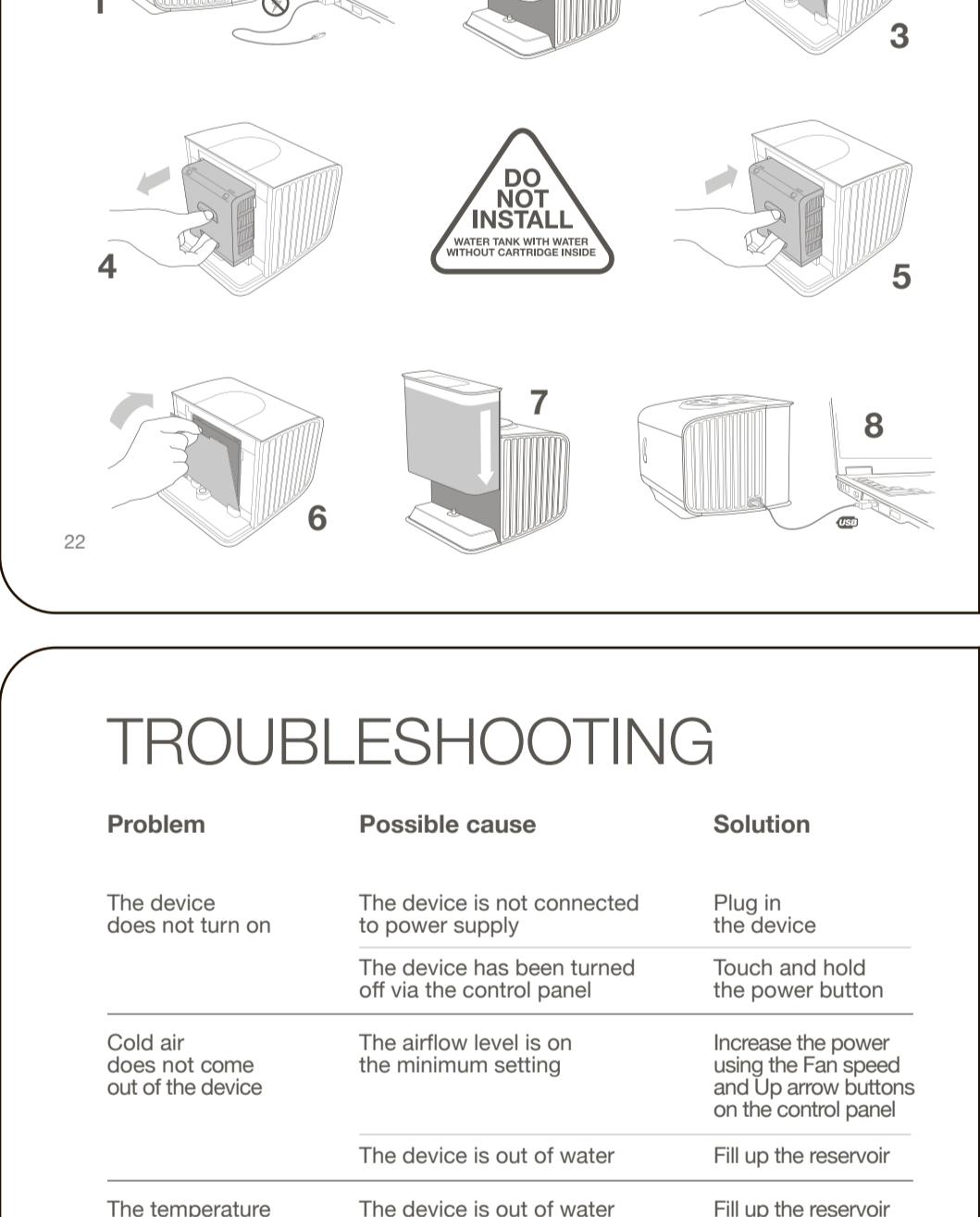
All of your evaSMART devices are accessible through Amazon Alexa and Google Home. To add the device to your Smart Home environment, please read the manual of the Home Assistant that you wish to reach.

Device maintenance

Depending on how often you use the device, its internal area needs regular cleanings; see the "Cleaning" section of this product guide.

Important:

- Make sure that the air cooler is placed on a smooth horizontal surface to avoid leaks and spills.
- Do not use the device in temperatures exceeding 60 °C (140 °F). Failing to do so can damage both the body and internal components of the device.
- Allow the cartridge to completely dry out between usages.
- The air cooler performs at its best in well-ventilated premises.
- DO NOT add any aromatic oils or incenses or any other odorous substances into the water.
- Do not add water spills; do not tilt the device at significant angles whilst it is filled with water; see the "Moving and long distance transportation" section of this product guide.
- Take care when pouring water into the reservoir that is still attached to the device as this may result in water leakage. If you do not use the device, do not spill water onto the back of the device.



Start screen

Temperature of incoming air

Power button

Temperature of outgoing air

During the first use evaSMART™ runs with preset default parameters. After being used and inputting your own personal settings, the device should run with those settings automatically.

Colour

You can choose your preferred lighting colour for the water reservoir and adjust its hue. Press the Colour button and use the arrows to do that. To go through the colours quickly, press and hold the arrow buttons.

Night mode

To enable a Night mode, press and hold the Brightness button. Both the water reservoir lighting and screen will dim. To exit the mode, press the Brightness button.

Sleep mode

You can choose your evaSMART to turn off the fan after a specific period of time. To enable this Sleep mode, press and hold the Fan speed button. To go through the available time period options (from 15 minutes to 8 hours) press the Up and Down buttons and select one of options by pressing the Fan speed button.

- Menu items and modes**
- Power**
- To restore the device on or off, press the Power button. To enable a Wi-Fi Access point mode, press and hold the button for 3 seconds. Press the Fan speed button to switch back.
- Brightness**
- In this mode you can change the water reservoir brightness to your liking. Press the Brightness button to enter the mode. To decrease or increase the brightness quickly, press and hold the arrow button. To turn off the water reservoir lighting, set its brightness to 0%.
- Fan speed**
- In this mode you can change the fan speed to your liking. Press the Fan speed button and use the arrows to change the values between the 1% and 100%. To decrease or increase the speed quickly, press and hold the arrow button.

- Factory settings restore**
- To restore the factory settings, enter the user settings restore menu point first, then press a combination of Brightness button, Colour button (these two in public low-voltage supply systems, for equipment with rated current) and Fan speed button. To exit this menu point and get back to the main screen, press the power button. To confirm the factory settings restore, press the up button.

Measurement units

For your convenience, units may either be in Celsius or in Fahrenheit. To arrange the units, please press and hold a combination of the temperature (not fan) + Fan speed button or use the mobile application (Settings section).

User settings restore

To restore the user settings, press a combination of the arrow buttons (not fan) and Power button all at once. To exit this menu point and get back to the main screen, press the Fan speed button. To confirm the user settings restore, press the Down button.

Problem

The device does not turn on.

Possible cause

The device is not connected to the power supply.

Solution

Plug in the device.

The device has been turned off via the control panel.

Touch and hold the power button.

The device is out of water.

Fill up the reservoir.

The temperature drop is minimal.

The humidity has expired.

Replace cartridge.

The humidity level in the room is over 70%.

Ventilate the room.

There is water near the device.

The device has been pushed.

Wipe the water out.

The device has been tilted.

Place it on a smooth surface and dry the device as per this guide.

Technical Specifications

Power supply 100 - 240 V / 50 - 60 Hz
 Input voltage / current 5 V / 2.5 A
 Power consumption 12 W
 Cooling power 100 - 400 W / 340 - 1360 BTU/hr
 Recommended cooling square/space up to 3 m² / 330 ft²
 Water tank capacity 1.3 l
 Water refill cycle every 4 - 9 hours
 Size 207 x 214 x 164 mm / 7.24 x 8.14 x 6.54 inch
 Weight (without water) 1820 g
 Working noise level 25 - 40 dB
 Energy Efficiency Ratio (EER) 21 - 37
 Supplied accessories Cartridge
 Power cord
 Power adapter
 Working conditions Humidity >70%
 Temperature >18°C

LEGAL INFORMATION

The device complies with the requirements of EU Directives – 2014/53/EU Low Voltage Directive and 2014/30/EU EMC Directive, as well as the following European harmonised standards:

- EN 55014-1:2008/A1:2010/A2:2011 - Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatuses Part 1: Emission
- EN 55014-2:2015 - Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Part 2: Immunity
- 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/A1:2012/A1:2014 - Household and similar electrical appliances. Safety, Part 1: General requirements
- EN 60335-2-40:2003/A1:1:2008/A2:1:2005/G1:2006/A1:1:2006/AC:1:2010 - Household and similar electrical appliances. Safety, Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and refrigerators

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

Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member States concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible. The following information shall also be included in the case of radio equipment intentionally emitting radio waves: (a) frequency bands in which the radio equipment operates; (b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.

In cases of restrictions on putting into service or of requirements for authorisation of use, information available on the packaging shall allow the identification of the Member States or the geographical area for which a Member State where restrictions on putting into service or requirements for authorisation of use exist. Such information shall be completed in the instructions accompanying the radio equipment. The Commission may adopt implementing acts specifying how to apply this information, provided that the implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 45 (2).

EEE WASTE

Application of this symbol on your equipment is confirmation that you should not dispose of this equipment in the normal household waste stream.

In accordance with European legislation end-of-life electrical and electronic equipment subject to disposal must be segregated household waste.

Private households with EU member states may return used electrical and electronic equipment to designated collection facilities free of charge. Please contact your local disposal authority for information. In some member states, internet purchase next to equipment, your local retailer may be required to take back your old equipment free of charge. Please ask your retailer for information.

Equipment used in a professional/business environment:

Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national procedures.

In accordance with European legislation end-of-life electrical and electronic equipment subject to disposal must be managed with agreed procedures.

Prior to disposal, contact your local dealer or Evapolar representative for end-of-life take-back information.

SAFETY INSTRUCTIONS

Before you use this device for the first time, please read the following notes and heed all warnings, even if you are familiar with handling electronic devices. Keep these operating instructions in a safe place for future reference. If you sell the device or give it away, pass on the user manual at the same time. The User Manual is part of the product.

Explanation of symbols used

DANGER! This symbol and the word "DANGER" denote a potentially dangerous situation, ignoring it can lead to severe injury or even death.

WARNING! This symbol and the word "WARNING" denote important information required for the safe operation of the product and for the safety of its users.

WARNING! This symbol denotes danger for human health and risk of death and/or risk of damage to equipment due to electric shock.

Please use the supplied power adapter only to power the device.

This symbol denotes further information on the topic.

⚠ DANGER!

Always make sure that the device is not exposed to direct heat sources (e.g. radiators); no direct sunlight or artificial light reaches the device; contact with water sprays or drops and corrosive liquids is avoided and the device is never operated near water; if particular the device may be immersed in liquids (do not place any objects containing liquids, such as vases or drinks, on or near the device) no naked flames (e.g. burner candles) are present in or near the device;

you keep at least 1 m of space to radio frequency and magnetic sources (e.g. TV, speakers, mobile phones, etc.) to avoid any malfunction. In case of malfunction, install the device at a different place.

At least 20 cm (8 inches) away from pacemakers, as the HF signals could interfere with the functionality of the pacemaker. The HF signals transmitted by the device may interfere with the normal operation of the pacemaker. Do not place the device near flammable gases or in a potentially explosive area (e.g. a paint shop), as the HF signals transmitted could cause explosions or fire. The range of radio frequency signals depends on environmental conditions. If data is transmitted via a wireless connection, it can also be received by unauthorised parties. Evapolar is not liable for any interference caused to HF or TV signals through unauthorised modification to this device. Furthermore, Evapolar accepts no liability for replacing any cables or devices that have not been specifically approved by Evapolar Ltd. The user is solely responsible and liable for remedying any interference caused by such unauthorised modification of this device and for replacing appliances.

⚠ DANGER! Children and people with disabilities

Electrical devices are not suitable for children. Also people with reduced physical, sensory or mental capabilities should use electrical devices within the limits of their abilities. Do not allow children or people with a reduced physical, sensory or mental capabilities to use electrical devices unless they are instructed accordingly and supervised by a competent person responsible for their safety. Children should always be supervised to ensure that they are not play with the product. Small parts can cause choking hazards. Keep the packaging away from children and people with disabilities. There is a risk of suffocation.

⚠ DANGER! Power adapter

Please use the supplied power adapter only to power the device. Plug the power adapter only into a suitable and easily accessible power socket. Do not touch the power adapter with wet hands as this could cause an electric shock.

To unplug the power adapter from the power socket, always hold its casing and never pull on the cable. Unplug the power adapter from the mains in the following circumstances:

- in any dangerous situation
- if the power adapter makes an unusual noise or gives off smoke
- before a storm and/or thunderstorm
- if the power adapter is damaged
- if the power adapter has been exposed to rain or liquids

The power adapter consumes electricity even in Standby mode. In order to completely disconnect the device from the mains, the power adapter must be pulled out from the power socket.

Please follow these instructions to avoid risk of potential fatal injury or fire! Never cover the power adapter, otherwise there is a risk of fire. Do not attempt to open the housing of the power adapter.

⚠ WARNING! Cables

Unplug all cables by holding the plugs and never pull on the cables themselves. Never place pieces of furniture or other objects on the cables and take care that they do not become damaged, especially at the plugs and sockets. Never install the cable around hot or sharp objects to avoid getting it hot. Never tie knots in cables and do not tie them to other cables. All cables should be positioned so that nobody can trip over them or be obstructed by them.

⚠ DANGER! Radio interface

Turn the device off when on board an aircraft, in a hospital, in an operating theatre or in the vicinity of electronic medical equipment. The HF signals may interfere with the functionality of sensitive devices. Keep the device at least 20 cm (8 inches) away from pacemakers, as the HF signals could interfere with the functionality of the pacemaker. The HF signals transmitted by the device may interfere with the normal operation of the pacemaker. Do not place the device near flammable gases or in a potentially explosive area (e.g. a paint shop), as the HF signals transmitted could cause explosions or fire. The range of radio frequency signals depends on environmental conditions. If data is transmitted via a wireless connection, it can also be received by unauthorised parties. Evapolar is not liable for any interference caused to HF or TV signals through unauthorised modification to this device. Furthermore, Evapolar accepts no liability for replacing any cables or devices that have not been specifically approved by Evapolar Ltd. The user is solely responsible and liable for remedying any interference caused by such unauthorised modification of this device and for replacing appliances.

Repairs are required if this device is damaged in any way, for example, if the power adapter or device housing is damaged, if liquids or objects have been spilled on the device or if the power adapter is damaged. Repairs are also necessary if the product is not working properly or if has been dropped. If you notice any smoke, unusual noise or strange smells, switch off the device immediately and pull the power adapter out of the power socket. In this case, do not continue to use the appliance and have it checked out by an expert. All repairs must be carried out by qualified service personnel.

Operating environment

The device is not designed for use in environments with high humidity (e.g. bathrooms) or excessive levels of dust. Operating temperature and operating humidity: 0 to 35 °C, max. 85% relative humidity. Please note that the instructions for furniture surfaces may contain substances that can damage the rubber feet of the device, so be careful if you have been using this type of products.

Full instructions are available via the following link: evapolar.com/docs/evaSMART

For additional information contact us via the support link: support@evapolar.com