



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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evapolar

evALIGHT™ Personal Air Cooler PRODUCT GUIDE

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INTRODUCTION

Congratulations!

Congratulations! You have bought your own personal evALIGHT™ air cooler from Evapolar. To take full advantage of the device, please read the product guide before you start using it.

Intended use:

The evALIGHT air cooler is designed to cool and humidify the personal zone around you by creating a local microclimate within an area of 2 - 3 m² (22 - 33 ft²). It also has a purification effect; filtering large dust particles from the air. The best effect can be achieved indoors and in well-ventilated rooms.

Safety regulations:

- The device must be placed onto a smooth horizontal surface.
- Lifting it may cause a water leak and damage the device.
- Do not carry the device when it is filled with water. Even after you empty the reservoir, some water will still remain in the internal compartment.
- Please refer to the section of this manual about device transportation.
- For personal safety and proper 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 and maintenance" section of this product guide.

- The device is not intended for use in highly polluted environments. Large dust particles, dirt, etc., can seriously affect the longevity of the device's evaporative cartridge lifecycle.
- Make sure that water does not reach the external parts of the device. Evaporative cartridges are located in the internal reservoir.
- Do not place the device near a swimming pool, bathroom, laundry room, outdoors when raining or at any other location with high humidity levels.
- In the 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, technical maintenance, removing/replacing elements and moving the device.
- To maximise the effect of the device, it 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 can be accidentally knocked over.
- Do not let any foreign objects enter the device.
- Do not place heavy items on top of the device.
- Do not touch 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 place open fire sources (candles, 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 using the device.
- 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 a 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 3-4 months depending on air and water conditions. If your cartridge has been broken or damaged, you can purchase a replacement at Evapolar.com or from your local retailer.

FIRST START

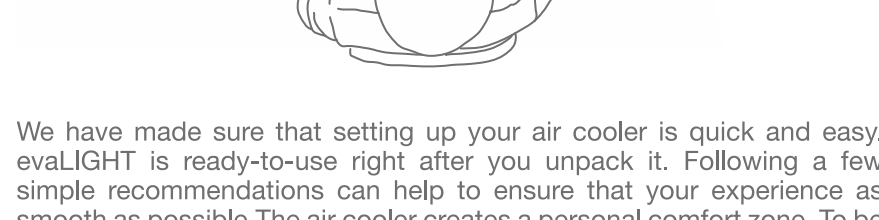


- Slide the water reservoir up.
- Open the lid to fill the reservoir. Fill with water.
- Place the reservoir back onto the base. Make sure it is installed properly.
- Use the cable to connect the device to the power source.
- The device will switch on.
- Push the circular button on the top of the device and use the control wheel to navigate through the menu and adjust the air flow and other features.

The temperature of the outgoing air will start to decrease in a few minutes. You can vary the airflow using the control wheel on the upper part of the device. Enjoy your personal microclimate!

Important: During the first use you may notice a technical smell. This is normal and will vanish completely after several hours of use. During the first cartridge filling there will be quick water saturation on evaporative pads. This is normal and will enable your device to work properly.

DAILY USE



We have made sure that setting up your air cooler is quick and easy, evALIGHT is ready-to-use right after you unpack it. Following a few simple recommendations can help to ensure that your experience as smooth as possible. The air cooler creates a personal comfort zone. To be in the centre of that zone, place the device within one metre (3 ft) of your path, the device will follow 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, books or other things while you're active.

Filling the reservoir

The device only needs water to work properly. You should remove the reservoir from the left side of the device, fill it with water and then place it back. The water will start flowing automatically. Depending on the quality of the air in the room, the full reservoir should provide from 3 to 5 hours of uninterrupted cooling. To extend this time you need to fill up 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 for a longer period.

The transparent reservoir lets you assess the water 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 continue cooling for another few hours. The default mode will have the device notify you by illuminating the reservoir and next when the water runs out. You can turn off these notifications at any time. When the water runs out completely, the device will continue working as a regular ventilator. You can use the replaceable reservoir whilst the device is working as it will not affect its operation.

Moving and transportation

Before any kind of transportation, the device should be disconnected from the power source. In addition to the water in the transparent reservoir, the device also stores some water in the internal one so that the evaporative

cartridge can absorb it. Before transportation, it is highly recommended to empty 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. 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. In order to avoid leakage, the device should be positioned horizontally and moved slowly.

In order to remove the water instantly from the internal reservoir and prepare device for transportation, please complete the following:

- Disconnect the device from the power source.
- Use only the original power supply from the package.
- Use both hands to lift the upper part of the body. Push on both sides of the base to release the locks and then slide it upwards.

The device is ready for transportation.

Important: Even if there is no water in the internal reservoir, the evaporative cartridge could still be wet. Do not transport the device long distances with wet cartridge; always use a plastic bag to wrap the device. For shorter distances, make sure that the device with a wet cartridge is not isolated in a box or bag with no air flow.

TEMPERATURE PARAMETERS

evALIGHT Evaporator Air Coolers work by using natural evaporative cooling so its power level can change in various climates. The charts below summarise the cooling power approximates in different aerial conditions in both Centigrade and Fahrenheit.

Indoor humidity	Room temperature			
	75° F	85° F	95° F	105° F
30 %	59,3 F	56,6 F	72,1 F	78,9 F
40 %	62,3 F	69,0 F	75,5 F	82,4 F
50 %	64,7 F	71,6 F	79,0 F	86,7 F
60 %	67,1 F	75,0 F	82,9 F	90,8 F
70 %	69,6 F	77,9 F	86,0 F	94,2 F

Temperature of outgoing air: 77° F

Indoor humidity	Room temperature			
	25° C	30° C	35° C	40° C
30 %	15,2° C	18,7° C	22,3° C	26,1° C
40 %	16,7° C	20,6° C	24,2° C	28,0° C
50 %	18,1° C	22,0° C	26,2° C	30,4° C
60 %	19,5° C	23,9° C	28,3° C	32,7° C
70 %	20,9° C	25,3° C	30,0° C	34,8° C

Temperature of outgoing air: 23° C

4. Tilt the device to the right whilst holding the cartridge and drain the water carefully.

5. Put the upper lid of the body back so that it fits into the slots.

6. Put the reservoir back in place.

7. The device is ready for transportation.

1. Disconnect the device from the power source.

2. Use only the original power supply from the package.

3. Use both hands to lift the upper part of the body. Push on both sides of the base to release the locks and then slide it upwards.

Usage modes

The device 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. Required electricity parameters: voltage 5 V, current 2 A and up.

Important: Due to outside conditions varying greatly, Evapolar is not responsible for any damage caused by the device in conditions out of range.

Tuning

You can alter the colour and brightness level of the lighting, temperature measurement units and water level indicators. All of the above is done through the Menu; see paragraph on Control Panel and Menu.

Device Maintenance

Depending on how often you use the device, its internal area needs cleaning; see paragraph on Device Maintenance.

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 could damage both the body and the internal components of the device.
- The Air Cooler performs at its best in well-ventilated premises.
- Do not use the device in areas with high humidity or moisture.
- Only use water. The device evaporates water intensively so even a small amount of odorous substances can over saturate the air around you which is potentially dangerous to your health.
- To avoid water spillage, do not move the device whilst it is filled with water; see paragraph on Transportation.
- Take care when pouring water into the reservoir that it is still attached to the device; do not spill water onto the body of the device.

CONTROL PANEL & MENU



Start Screen

Temperature of incoming air

Airflow level

Temperature of outgoing air

Temperature measurement units

High-power zone

Control elements



Circular power level

Touchscreen

By turning the control wheel, you can increase and decrease airflow and also navigate around the menu points.

A single press will let you access the menu of the device. Select one of the options and hold for a few seconds will turn the device on/off. To return to the main menu from any other menu point, press the screen once.

Menu points

Night mode
In night mode, the device lighting turns off and the display dims. To exit the night mode, simply press the display lightly.

Lighting colour
You can choose your preferred lighting colour for the water reservoir.

Lighting brightness
You can choose your preferred brightness level for the water reservoir or you may also turn off this feature.

Measurement units

For your convenience, units may either be in Centigrade or in Fahrenheit.

Notifications

When the evaporative cartridge dries out, the device notifies you by changing the colour of the display. In addition, the notification colour or turn off this function entirely.

Factory settings

To restore the factory settings, disconnect the power cord, press the display and hold for 5 seconds while keeping the display pressed. Don't let the display off for 5 seconds after reconnecting.

CLEANING AND MAINTENANCE



1. Disconnect the device from the power source.

2. Use only the original power supply from the package.

3. Use both hands to lift the upper part of the body. Push on both sides of the base to release the locks and then slide it upwards.

4. Take out the old cartridge and place the new cartridge in place of the old one; this should fit easily as the new cartridge will have not yet expanded from previous uses. Check the orientation and keep pushing until the cartridge is in the centre of the device.

5. Put the upper lid of the body back so that it fits into the slots.

6. Put the reservoir back in place.

7. The device is ready to use.

Reservoir

1. The cleaning period depends on the level of dust in the that area you use your air cooler in.

2. Three hours prior to cleaning empty the water from reservoir and let the device run for a few hours without water.

3. Prior to actual cleaning disconnect the device from the power source. Empty the internal cartridge and clean the reservoir.

4. Wipe the external camera with a soft cloth.

5. Wash or wipe the reservoir.

6. Put the device back together; it is now ready to use or store.

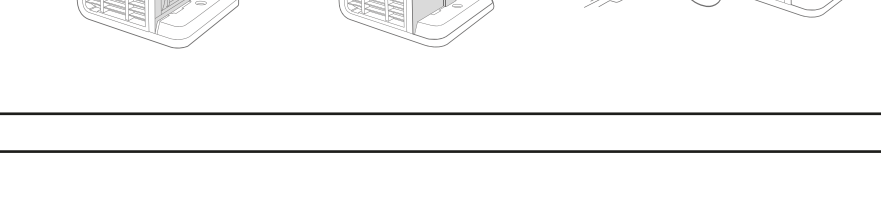
Storage during long periods of no usage

Store the device (as above), dry it and place it into an appropriately-sized package for storage (original package is recommended). Store the device in a dry space at temperatures 18° - 25° C (64° - 77° F).

Important:

- Do not put the device or the cartridge into a bag, box or any container before it is completely dry.
- Fully replace the water in the reservoir at least once a week.
- Use a soft cloth to clean the inside parts of the device. Do not clean the device with gasoline, window-washing liquid or any organic solvent. Warnings does not cover any damage caused by the use of these solvents.
- Do not wipe the inside of the cartridge, just its outer plastic body.
- Do not put fingers into the internal area when the device is in operation.

REPLACING THE CARTRIDGE



1. Disconnect the device from the power source.

2. Use only the original power supply from the package.

3. Use both hands to lift the upper part of the body. Push on both sides of its base to release the locks and then slide it upwards.

4. Take out the old cartridge and place the new cartridge in place of the old one; this should fit easily as the new cartridge will have not yet expanded from previous uses. Check the orientation and keep pushing until the cartridge is in the centre of the device.

5. Put the upper lid of the body back so that it fits into the slots.

6. Put the reservoir back in place.

7. The device is ready to use.

8. The device is ready to use.

Important:

- Depending on usage and storage, the cartridge can last 3-6 months.
- Poor water quality reduces the longevity of the cartridge.
- The new cartridge can be stored for up to 3 years without losing its performance. Safety Precautions: General requirements.
- Whilst replacing the cartridge, do not remove any parts other than those described in this guide.

TROUBLE SHOOTING

Problem	Possible cause	Solution
The device does not turn on	The device is not connected to the power supply. The device has been turned off via the control panel	Plug in the power supply. Press and hold the display
Cold air does not come out of the device	The airflow level is on the minimum setting. The device is out of water	Increase the power using the control wheel and/or the device. Fill up the reservoir.
The temperature drop is minimal	The device is out of water. The cartridge has expired	Fill up the reservoir. 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 and/or dry the device. The device has been tilted	Wipe the water out and dry the device. Place on a smooth horizontal surface and dry the device as per this guide

Problem	Possible cause	Solution
Water from the reservoir does not reach the cartridge	The reservoir is placed incorrectly	Take the reservoir out and place it vertically next to the device

TECHNICAL SPECIFICATIONS

Other power sources	5 V / 2 A
Power consumption	10 W
Cooling power	100 - 350 W
Coverage area	Up to 3 m ² / Up to 33 ft ²
Water tank capacity	750 ml
Water refill cycle	every 3 - 5 hours
Size	170 x 171 x 174 mm
Weight (without water)	1300 g
Working noise level	27-45 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/A1:2009/A2:2011 - Electromagnetic compatibility. Requirements for household appliances, electronic tools and similar apparatus Part 1: Emission
- EN 55014-2:2015 - Electromagnetic compatibility. Requirements for household appliances, electronic tools and similar apparatus Part 2: Immunity, Product family standard
- EN 61000-3-2:2014 - Electromagnetic compatibility (EMC), Part 3-2: Limits, Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase
- EN 61000-3-2:2014 - Electromagnetic compatibility (EMC), Part 3-2: Limits, Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A 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/A2:2005/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 electric 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.

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 State 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 band(s) 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 identification of use, information available on the packaging shall allow the identification of the Member States or the geographical area within 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 present that information. Those 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 within 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, when you purchase new equipment, your local retailer may be required to take back your old/unused/electronic waste. 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 within agreed procedures.

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

Batteries:

1. The Battery Directive requires "appliances into which batteries and accumulators are incorporated shall be designed by manufacturers showing how they can be removed safely by either the end-user or by independent qualified professional". The batteries/battery pack in the HLS device themselves may be exempt from the need to mark them if end users are not expected to dispose of the battery separately from the appliance, i.e. they are embedded. "Embedded" batteries/packs means "intended to be replaced by professionals or not intended for replacement during the service life of the equipment."

2. Instructions, if needed, may be made available to the consumer on a separate leaflet or printed on the packaging, or by other means.

CAUTION:

Warnings/Modifications made to the product, unless expressly approved by manufacturer could cause serious injury or death. Do not use the product with any other accessories such as shielded cables and/or special connectors are required to comply with the emission limits, the instruction manual shall include appropriate instructions on the first page of the text describing the installation of the device.

This digital has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or locate the equipment.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 with anything. There is a risk of fire if not attempt to open the housing of the power adapter.

This could result in potentially fatal electrocution.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- This device may not cause interference; and
- This device must accept any interference, including interference