At the end of its service life period the product should be recycled according to the recycling procedures in your region. www.evapolar.com © 2019 Evapolar LTD. All rights reserved.

eva CHIIIL Personal Air Cooler PRODUCT GUIDE CONTENTS

evapolar

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> about its safety, please use distilled water. It is recommended to perform the cleaning and technical maintenance of the device according to the "Maintenance: cleaning and storage" 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

> Make sure that water does not reach 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 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

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

As a power source, 5 V power plugs with a current of at least 2 A can

be used, also USB connectors of laptops and computers, power banks

maintenance, removing/replacing elements and moving the device.

Do not place the device next to a heater or within proximity of any

Do not place the device in passageways or any other location from

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

FIRST START

2

DAILY USE

Do not touch the power supply or power cord with wet hands. Unplug the device during the following actions: cleaning, technical

and other power sources with same characteristics.

where it can be accidentally knocked over.

Slide the handle backwards and lift it up.

It can be found under the upper cover.

The water reservoir opening is located under the handle.

Put the handle down and slide it back to its original position. Use the power cord to connect the device to the power source.

Fill the reservoir with water. For easier filling use the supplied funnel.

We have made sure that setting up your air cooler is quick and easy. evaCHILL is

ready-to-use right after you unpack it. Following a few simple recommendations

can help to ensure that your experience is as smooth as possible. The air cooler

creates a personal comfort zone. To be in the center 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.

**Important:** Even if there is no water in the internal horizontal reservoir section, the evaporative cartridge could still be wet. Do not transport the device long

distances with a wet cartridge; please see section "Storage during long periods

of no usage". For shorter distances, make sure that the device with a wet

**Important:** Due to outside conditions varying greatly, Evapolar is not responsible

Make sure that the air cooler is placed on a smooth horizontal surface

Do not use the device in temperatures exceeding 60° C (140° F).

Failing to do so can damage both the body and internal components

To avoid water spillage, do not allow any abrupt or harsh movements

whilst it is filled with water; see the "Moving and transportation" section

Take care when pouring water into the reservoir; do not spill water onto the body of the device. Use the supplied funnel for easier filling. It can

The cleaning period depends on the level of dust in the that area

Three hours prior to cleaning, empty the water from reservoir and let

Prior to actual cleaning disconnect the device from the power source. Extract the cartridge (see "Replacing the cartridge" section).

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

13

15

17

Airflow direction

control

The Air Cooler performs at its best in well-ventilated premises. DO NOT add any aromatic oils or incenses or any other odorous sub-

cartridge is not isolated in a box or bag with no air flow.

Do not let any foreign objects enter the device. Do not place heavy items on top of the device.

Do not block the front and back grills of the device.

device's evaporative cartridge lifecycle.

to allow the cartridge to dry out.

electrical equipment.

guide below.

20

23

26

guide before you start using it. Intended use: The evaCHILL 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<sup>2</sup> (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. Tilting it may cause a water leak and damage the device. Do not carry the device when it is filled with water. Even with the empty

horizontal reservoir sections on the device's sides, some water will still remain in the internal horizontal one. Please refer to the "Moving and

For personal safety and proper functionality of the device use only clean,

A replaceable evaporative cartridge is designed specifically for this product.

Congratulations! You have bought your own personal evaCHILL air cooler

from Evapolar. To take full advantage of the device, please read the product

INTRODUCTION

Congratulations!

untainted tap water. If the source of water is polluted and you are not sure 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

transportation" section of this manual.

supervision of those responsible for their safety or those capable of assistance in using the device. Children should be supervised to ensure they do not play with 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

1..2..3

5

the airflow speed.

Filling the reservoir

40%

50%

60%

70%

30%

**Control button** 

12

14

16

18

Cold air

does not come

out of the device

There is water near

Cooling power

Coverage area

Water refill cycle

Size

22

24

Water tank capacity

Weight (without water)

Energy Efficiency Ratio (EER)

Working noise level

Supplied accessories

Working conditions

retailer for information.

end-of-life take-back information.

the device

20

62,0

64,5

67,1

69,6

Room temperature

25° C

15,2

Temperature of outgoing air, °F

To maximize 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.

from failure to comply with this product guide.

Move the front grill louvres to adjust the airflow direction. Enjoy! The temperature of the outgoing air will start decreasing in a few minutes. 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.

You will see the three LED lights blinking one by one.

Push the control button on top of the device to start the fan and adjust

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, 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 device only needs water to work properly. Simply fill the water reservoir

with it through the opening under the handle. Use the supplied funnel for

easier filling. It can be found under the upper cover. The water will start

the power source. In addition to the water visible in the transparent vertical reservoir sections on the sides, the device also stores some water in the internal horizontal one so that the evaporative cartridge could absorb it. Before transportation, it is highly recommended 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. Long distance transportation without drying the water out the internal reservoir is to be attempted at your own risk. Water

evaCHILL Air Coolers work by using natural evaporative cooling so its efficiency can change in various climates. The charts below summarize the outgoing air temperature approximates for different meteorological conditions in both Celsius and Fahrenheit. Room temperature 95° F 75° F 85° F 105°F Indoors humidity 78,9 30% 59,3 56,6 72,1

69,0

71,6

75,0

77,9

30°C

18,7

75,5

79,1

82,9

86,0

35° C

22,3

Airflow speed,

**Usage recommendations** 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.

to avoid leaks and spills.

stances into the water.

be found under the upper cover.

of the device.

of this guide.

for the way that the device functions outdoors.

Important:

82,4

86,7

90,8

94,2

40°C

26,1

turning on/off LED Lighting

Adjustable front grill

Cleaning

you use your air cooler in.

the device run for a few hours without water.

Take out the old cartridge by moving it upwards.

Slide the handle back to its original position.

Place a new cartridge in place of the old one; it 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 center of

Place the upper cover of the body back so that it fits in the slots.

Possible cause

The upper cover is

improperly

missing or positioned

Solution

properly

Remove the upper

back and/or make

sure it sits in slots

21

23

25

cover and put it

Wipe the internal area with a soft cloth.

Storage during long periods of no usage

Clean the device (as above), dry it and place it into an appropriatelysized 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. Warranty does not cover damages caused by improper cleaning. 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. Disconnect the device from a power source. Slide the handle backwards. Remove the cover and take out the funnel.

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 evaporation potential. Whilst replacing the cartridge, do not remove any parts other than those described in this guide.

6.

**Problem** The fan does not move and lights keep blinking one by one

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.

Changes/Modifications made to the product, unless expressly approved by Evapolar could void the user's authority to operate the equipment.

Where special 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

Always make sure that the device is not exposed to direct heat sources (e.g. radiators); no direct sunlight or bright artificial light reaches the device; contact with water sprays or drops and corrosive liquids is avoided and the

device is never operated near water; in particular the device may never 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. burning

not covered. Heat can accumulate when the device is covered, therefore

Failure to heed the warnings above may result in damage to the device or

Electrical devices are not suitable for children. Also people with reduced physical, sensory or mental capabilities should only use electrical devices within the limits of their abilities. Do not allow children or people with reduced physical, sensory or mental capabilities to use electrical devices unsupervised unless they are instructed accordingly and supervised by a competent person responsible for their safety. Children should always be

> Full instructions are available via the

> > following link:

evapolar.com/docs/evachill

For additional guidance and more information contact

Evapolar support:

support.evapolar.com

**DANGER!** Children and people with disabilities

supervised to ensure that they do not play with the product.

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

EN 55014-1:2006/ A1:2009/ A2:2011 - Electromagnetic compatibility.

Requirements for household appliances, electric tools and similar

EN 55014-2:2015 - Electromagnetic compatibility. Requirements for

household appliances, electric tools and similar apparatus. Part 2:

EN 61000-3-2:2014 Electromagnetic compatibility (EMC). Part 3-2:

Limits. Limits for harmonic current emissions (equipment input current

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

EN 60335-1:2012/AC:2014/A11:2014 - Household and similar electrical

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

≤16A per phase and not subject to conditional connection

electrical heat pumps, air-conditioners and dehumidifiers.

appliances. Safety. Part 1: General requirements

following European harmonised standards:

Immunity. Product family standard

apparatus Part 1: Emission

≤16 A per phase)

**CAUTION:** 

describing the installation of the device.

candles) are placed on 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. no foreign bodies can penetrate into the device; the device is not exposed to any extreme temperature fluctuations as this can cause moisture through condensation and cause short circuits. If the device has been exposed to extreme temperature fluctuations, wait for it to reach the ambient temperature before switching it on (about 2 hours) the device should not be subjected to excessive shocks and vibrations; the device is

there is a risk of fire.

injury.

DANGER!

WARNING! This symbol denotes danger for human health and risk of death and/or risk of damage to equipment due to electric This symbol denotes further information on the topic.

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. this type of products.

The transparent vertical sections of reservoir let you assess the water level instantly. It is worth mentioning that the evaporative cartridge will absorb up to 300 ml of water which means that once the reservoir is empty, the device will continue cooling for another few hours. When the water runs out completely, the device will continue working as a regular fan. Moving and transportation

Before any kind of transportation, the device should be disconnected from leakage during the transportation is not covered by the warranty. In order to avoid leakage, the device should be held horizontally, by the handle and moved slowly.

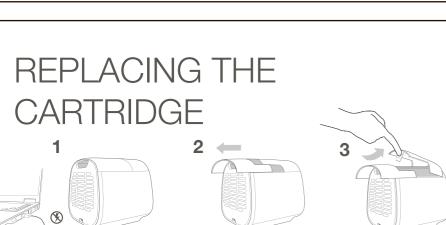
**Temperature parameters** 

Indoors humidity 40% 16,7 20,6 24,2 28,0 26,2 30,4 50% 18,1 22,0 32,7 19,5 23,9 28,3 60% 20,9 25,5 30,0 34,6 70% Temperature of outgoing air, °C CONTROL ELEMENTS

Short press the button to 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 will turn the lighting on/off.

CLEANING AND STORAGE

**MAINTENANCE:** 



TAKE NEW

CARTRIDGE

TROUBLE SHOOTING **Problem** Possible cause Solution The device The device is not connected Plug in the device does not turn on to power supply The device has been turned off Press the control via the control button button

The airflow speed is on the

The device is out of water

The cartridge has expired

The humidity level in the room is over 70%

The device has been pushed

The device has been tilted

minimum setting

Increase the airflow

Fill up the reservoir

Ventilate the room

Wipe the water out and dry the device

as per the guide

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

5 V / 2 A

100 W - 350 W / 340 - 1190 BTU/hr

Up to 3 m<sup>2</sup>/ Up to 33 ft<sup>2</sup>

every 3 - 8 hours

172 x 170 x 170 mm

7.5 W

800 ml

750 g

21-37

Funnel

25-50 dB

Cartridge

Power cord

Humidity <70%

Temperature >18°C

control button

speed by pressing the

Replace the cartridge

**TECHNICAL SPECIFICATIONS** Input voltage / current Power consumption

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 equipment free of charge. Please ask your

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

Equipment used in a professional/business environment:

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 a part of the product. **Explanation of symbols used DANGER!** This symbol and the word "DANGER" denote a poten tially dangerous situation. Ignoring it can lead to severe injury or even death. WARNING! This symbol and the word "WARNING" denote impor tant information required for the safe operation of the

product and for the safety of its users.

SAFETY INSTRUCTIONS

Small parts can cause choking hazards. Keep the packaging away from children and people with disabilities. There is a risk of suffocation. **WARNING!** Cables Unplug all cables by holding the plugs and never pull on the cables themselves. Never place pieces of furniture or other heavy 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 damaging it. 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.

Repairs are required if this device is damaged in any way, for example, if the device housing is damaged, if liquids or objects have entered the device or if the product has been exposed to rain or moisture. Repairs are also necessary if the product is not working properly or has been dropped. If you notice any smoke, unusual noise or strange smells, switch off the device immediately and unplug the device from the power source. If this occurs, do not continue to use the appliance and have it checked out by

Servicing / Repair

bathrooms) or excessive levels of dust. Operating temperature and operating humidity: 0 to 35 °C, max. 85% relative humidity. Please note that caring products for furniture surfaces may contain substances that can damage the rubber feet of the device, so be careful if you have been using