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PURIFIAIR.488

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BEDIENUNGSANLEITUNG

Luftreiniger **PURIFIAIR.488**

OPERATING MANUAL

PURIFIAIR.488 air purifier

GEBRUIKSAANWIJZING

Luchtreiniger **PURIFIAIR.488**

MANUEL D'UTILISATION

Purificateur d'air **PURIFIAIR.488**

MANUAL DE INSTRUCCIONES

Purificador de aire **PURIFIAIR.488**

OPERATING MANUAL

Dear customer,

Thank you for purchasing an air purifier from our company.

Please read this operating manual very carefully. It will provide you with detailed information on the advantages and simple operation of our air purifiers.

Thank you very much.
Your asecos team

1. PRODUCT INFORMATION

1.1. IMPORTANT HANDLING INSTRUCTIONS

- If the humidity level in the room is too high, this may result in condensation on the air quality sensor.
- If this occurs, although the air quality may already be very good, the status light on the control panel will still indicate poor air quality. The device will then continue to work in automatic mode at a high output level.
- In this case, we suggest selecting manual mode and setting the output level manually.

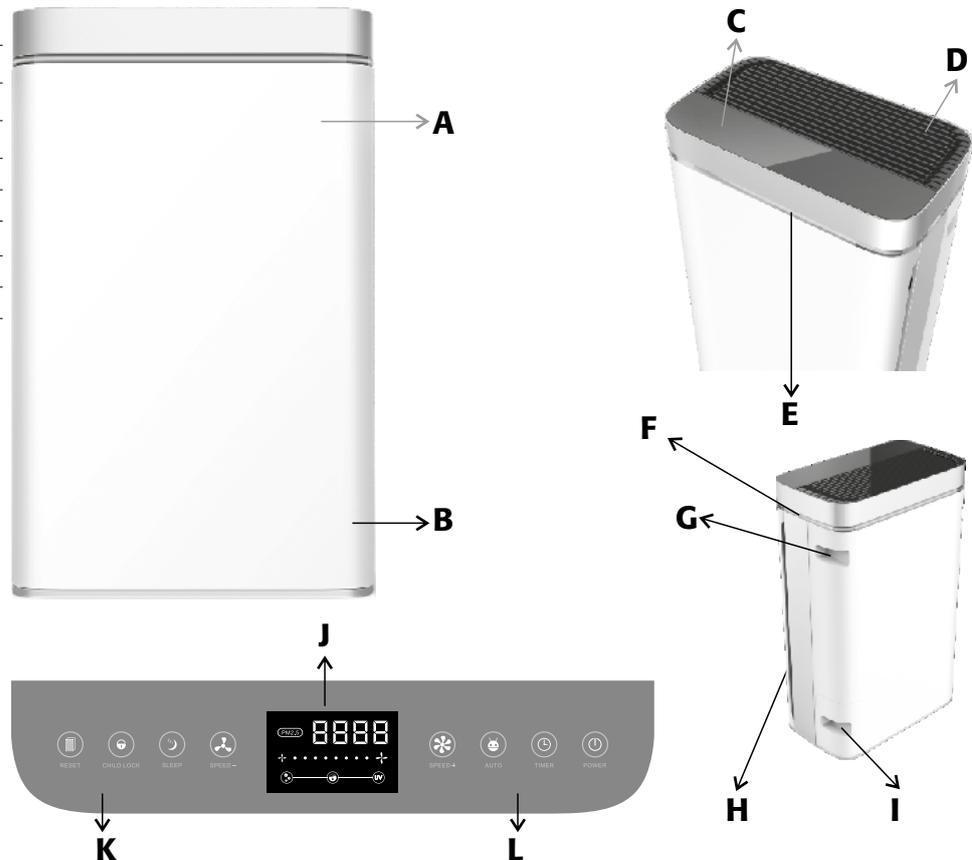


CAUTION: PLEASE NOTE!

- › Never touch the power plug with wet hands.
- › Ensure the power supply is turned off before cleaning the air purifier.
- › Please keep 20 cm away from the back and 30 cm away from both sides of the air purifier while it is in operation. Please set the product up on a dry, stable and flat surface for use; set up far away from heat sources.
- › Proper operation is only ensured at a mains voltage of 230V / 50 Hz! Do not open the frame, and do not complete repairs on this product yourself. Repairs should be completed by a professional technician! Do not pour water, other liquids or flammable cleaning agents into the product, to avoid product damage or fires due to electric shock.
- › Do not clean the housing with solvents or liquid chemicals, in order to avoid damage to the exterior housing. The air flow should be kept clear. Dust, cotton fibres, hair or other materials may not block the air intake. Do not place objects on the air outlet, and do not reach inside.
- › If the device is not in use for a long period of time, please disconnect the plug from the outlet. Instruct children not to use or touch this purifier.
- › The air intake and outlet may not be covered.

1.2. DEVICE FEATURES

A	Housing
B & H	Air intake (on both sides)
C	Control panel & display
D	Fresh air (air outlet)
E & F	Air quality indicator light
G	Handle
I	Water tank
J	Display
K	Control panel



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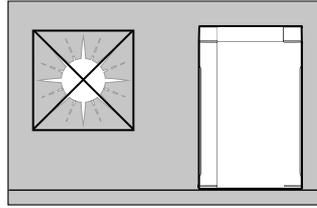
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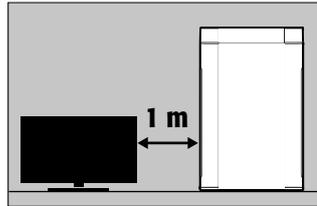
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2. SETUP - COMMISSIONING

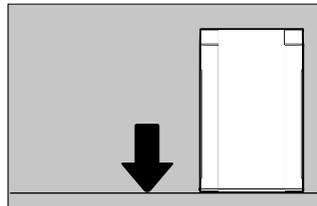
2.1. INSTALLATION REQUIREMENTS



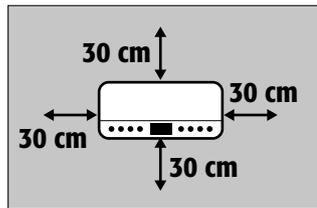
Do not expose to direct sunlight, the ventilation openings of air conditioning or heating systems, or heated areas. This can reduce the function or cause damage (such as discolouration) to the device.



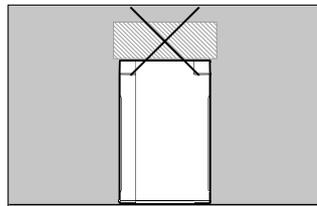
Set up the air purifier at least 1 m away from radios and televisions, so that they cannot disrupt the device's remote control. Furthermore, we recommend using separate outlets for the air purifier and radios/TVs. Otherwise, the video and/or audio signals may be disrupted.



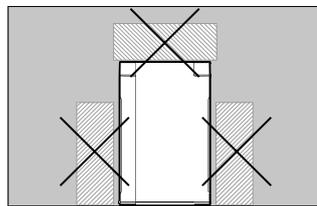
The air purifier should be set up directly on an area of the floor, so that pollen and dust close to the floor can be collected.



The device should have at least 30 cm of clearance on all sides, in order to ensure effective air circulation.



Do not place any objects, in particular magnets or other metallic objects, on the air purifier. This could result in malfunctions.



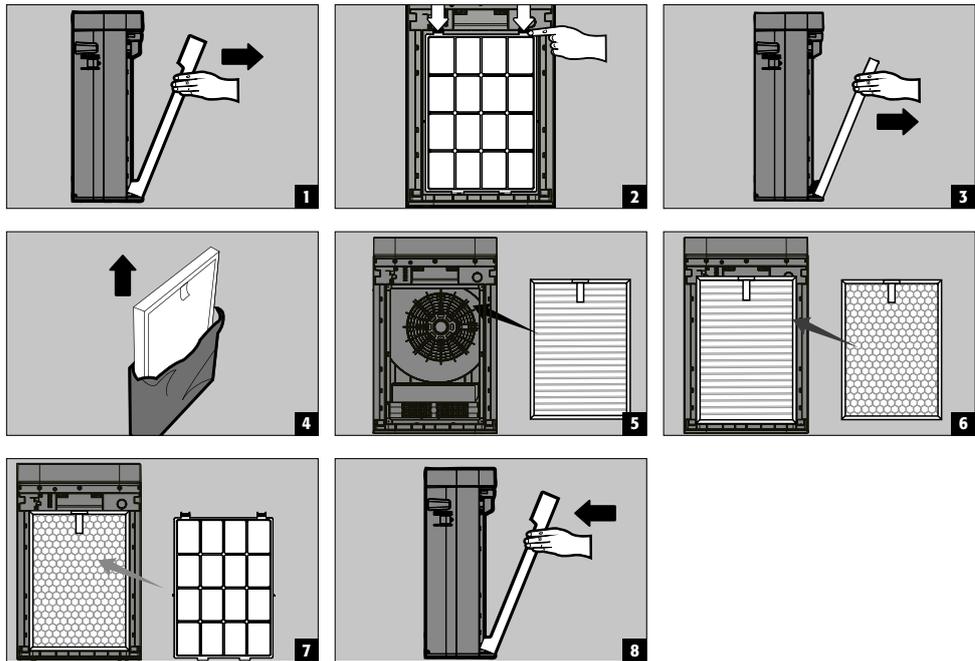
Do not block the exhaust and intake air openings.

2.2. INSTALLING THE FILTER



NOTE:

When using the first time, the filters are already installed and ready for use.

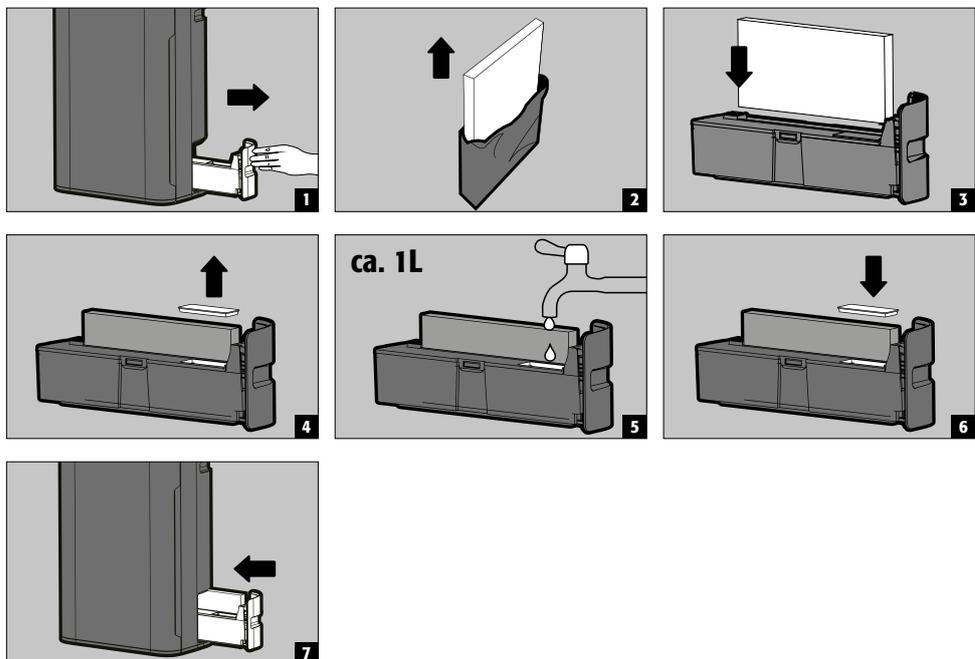


CAUTION:

Ensure that the plastic packaging is removed before installing the filter.

The inside and outside of the filter are different. The side with the handle must be positioned on the outside.

2.3. INSTALLING THE HUMIDIFIER UNIT



CAUTION:

When water is added to the water tank, the machine will automatically generate steam. The humidification effect is dependent on the ventilation speed, and will work better if the machine works at a higher speed level. If the water level becomes low, the indicator light will flash for as long as the machine continues to work normally. If the water tank is removed, the indicator light will continue to be illuminated, but the device will no longer work.

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2.4. CONNECTING TO THE POWER SUPPLY

After installing the filter, remove the cable ties from the power cable and insert the plug into the outlet. After the power supply is connected, the POWER symbol on the control panel will be illuminated red. The device will then be in Standby mode.

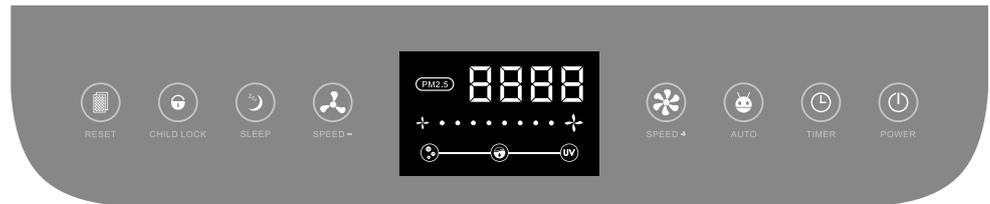


CAUTION:

Observe the permitted power supply under the TECHNICAL DATA.

3. FUNCTION

3.1. CONTROL PANEL AND OPERATING MODES



Switching on and off

Insert the plug into the outlet and the device will go into Standby mode. The button will be illuminated red. Press the "POWER" button to switch off the device. The button will be illuminated green. Pressing the button once again will switch the device back into Standby mode.



Automatic mode

When the device is switched off, press the "AUTO" button so that the symbol is illuminated. The anion generator and sterilising UV light will be activated, and the purification level will be set/changed according to the sensor data. Note: If users change the "ventilation speed" in Automatic mode, the device will leave this mode.



Timer function

When the device is switched on, each time the "TIMER" button is pressed, this will extend the run time of the air purifier by 1 hour. After this time, the device will switch to Standby mode. The maximum duration is 12 hours. Pressing the button a 13th time shuts off the timer.



Anion cleaning unit

When the device is switched on, pressing the "ANION" button will activate Anion mode. Pressing it again will deactivate this mode.



Reset button, function 1

The air purifier has a regular reminder function for cleaning the filter:

Flashing every 320 hours: Cleaning the pre-filter

Continuously illuminated every 1500 hours: Cleaning the cold catalytic filter/activated carbon filter and cotton/HEPA filter. At this time, press and hold the button for 5 seconds to reset the internal timer.

Reset button, function 2



CAUTION:

Press the filter button briefly to display the operating hours.



Sleep mode

When the device is switched on, it will change to Sleep mode 5 seconds after the "SLEEP" button is pressed. All lights will be switched off and the machine will run in the first level. Press any button to activate the device, then press the "SLEEP" button to leave Sleep mode, or press the "SLEEP" button to leave Sleep mode, or press the "SPEED -" / "SPEED +" / "AUTO" buttons to end the device after waking.



Child safety feature

When the device is switched on, pressing the "CHILD LOCK" button will lock all buttons. The device will continue to work as normal. If you press the "CHILD LOCK" button for 5 seconds, the device will leave this model.



Ventilation speed

When the device is switched on, use the "SPEED -" or "SPEED +" buttons to change the level and operating speed. After changing levels, the motor will only work on the set level, without being influenced by the sensor. If the device was previously in Auto mode, it will also be ended.



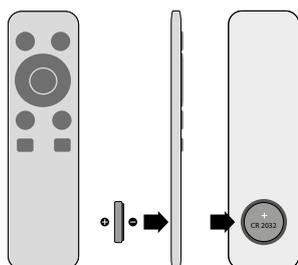
Light sensor in Auto mode

In Auto mode, the device will switch into Sleep mode 2 minutes after the ambient light < 5 lx. It will leave Sleep mode 3 minutes after the ambient light > 5 lx, then continue to work in Auto mode.

3.2. PM VALUE EQUIVALENT TABLE

Relationship between the levels and PM2.5 data			
LEVEL	PM2.5 data	Particle concentration	LED colour
1	0–50	low	green
2	51–80		
3	81–100	normal	blue
4	101–120		
5	121–140	high	yellow
6	141–160		
7	161–300	very high	red
8	301–500		

3.3. REMOTE CONTROL



This product is delivered with a remote control that uses button-cell batteries. Please remove the batteries if the remote control is not in use for a long period of time. The buttons on the remote control match those on the control panel. The general functions and operating methods are the same.

Note: Remove the battery cover before initial use (for instance with a coin), and remove the protective film over the batteries. Then replace the cover. **Ensure that the "+" symbol is visible on the top of the batteries.**

4. FILTER INFORMATION - FILTER EXCHANGE INTERVALS

4.1. PRE-FILTER

- Filters out large particles such as human hair, animal fur, cotton fibres, etc.
- How frequently purification is required is determined by the operating duration, set operating level and degree of impurities in the air.
- Normally, purification should be completed every 2–3 months. Please complete purification in a timely fashion; otherwise, the efficiency of the air purifier may be reduced.



Maintenance interval	Measures
Every 1–2 months (see above)	<ul style="list-style-type: none"> • Clean the surfaces of the filter with a vacuum cleaner, or wash it in water. • Allow it to dry thoroughly.

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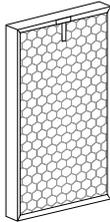
4.2. MULTI-COMPONENT FILTER UNIT 1 (COLD CATALYTIC FILTER AND ACTIVATED CARBON FILTER)

Cold catalytic filter

The components of the cold catalytic converter are made of additives used in the food and pharmaceutical industry. They are not poisonous, caustic or flammable. Under normal temperature conditions, the catalytic reaction can remove formaldehyde, benzene, xylene, TVOC and other harmful gases. The reaction generates water and carbon dioxide. It does not create secondary contamination. This is a safe and environmentally-friendly, state of the art product suitable for creating a healthy home.

Activated carbon filter

The activated carbon includes highly-efficient additives. It has good absorption properties.



Maintenance interval	Measures
Approx. 1 time every 2 months	<ul style="list-style-type: none"> Clean the front of the filter using a vacuum cleaner.



CAUTION:

Do not expose to excessive sunlight. **The filter is sensitive.** Do not push on the filter too hard during vacuuming. Do not use water to clean this filter.

4.3. MULTI-COMPONENT FILTER UNIT 2 (ANTIBACTERIAL COTTON FILTER AND HEPA FILTER)

Antibacterial cotton filter

The antibacterial filter is a precision filter that collects particles with a diameter of 5 micrometers. In addition, an antibacterial agent has been added to the filter that can effectively kill 99% or more of bacteria in the air.

High-efficiency HEPA filter

The effective HEPA filter removes all germs, smoke and dust particles in the area with a size of 0.3 micrometers at a rate of 99% or higher.



Maintenance interval	Measures
Approx. 1 time every 2 months	<ul style="list-style-type: none"> Set up the filter in a ventilated area so that harmful gases and germs can scatter.

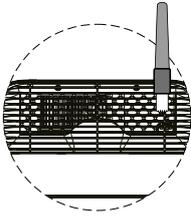


CAUTION:

Do not expose to excessive sunlight. Do not use water to clean this filter.

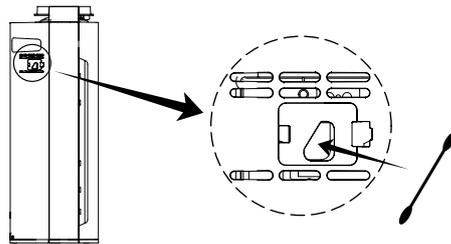
4.4. ANION UNIT

Anions are released into the air; they attach to the exterior of an oxygen molecule to become negatively charged. These then connect to positively charged, floating dust, smoke, bacteria and viruses to create larger particle clusters. It can be difficult to remove ultra-fine particles from the air using other common mechanical devices. Anions in the air have a unique capability to capture such harmful substances. The smaller the particle size, the higher the collection rate. This is an effective way to remove pollutants.



Maintenance interval	Measures
Once the unit begins to crackle	<ul style="list-style-type: none">Use a size 1 or 2 brush to clean.Insert the brush from the ventilation window via the anion emission head.Regularly remove dust around the emission head.

4.5. CLEANING THE PARTICLE SENSOR



- Clean approx. every two months
- Remove the cover of the particle sensor
- Wipe the lens regularly using a dry cotton swab to remove dirt.
- Moisture or tobacco smoke could negatively impact the function



CAUTION:

- Do not insert the cotton swab into any other area besides the lens
- Always disconnect the power plug first
- Please use additional light sources in low light

4.6. STERILISING UV LIGHT

UV sterilisation can kill many kinds of bacteria in the air. The UV disinfection light is generally used to disinfect air, surfaces and water. This freshens the air, and simultaneously prevents viruses from spreading in the air or on surfaces.

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5. TROUBLESHOOTING

Common malfunctions, description of error codes and correction methods

Error	Measurement
Can not be switched on (Power light not illuminated)	Check to ensure the plug is inserted correctly into the outlet. Check to ensure the covers are fitted correctly on the air intake ducts.
Can not be switched on (Power light flashing) Power button does not react	Check to ensure the air outlet cover on the top of the device is inserted straight and correctly.
The air is dirty, but the display light is continuously illuminated "green".	Check to ensure the device set-up location fulfils the requirements, and that the contaminated air can easily be suctioned by the device. Set up in another location if required.
The air contamination indicator light remains "red" even while the device is running consistently.	Check whether the particle sensor is contaminated, and clean it if necessary.
There are crackling noises while the device is in operation	Open the air intake cover on the top of the device and remove any dust particles.
The purified air smells bad	Check whether the filter is contaminated or has not been replaced in a long time. Clean and replace the filter regularly.
The air purifier does not automatically switch to Sleep mode at night.	Check whether Automatic mode is turned on. Switch to Automatic mode if necessary.

6. TECHNICAL SPECIFICATIONS

Model	PURIFIAIR.488
Nominal voltage	AC 220~240 V
Rated frequency	50/60 Hz
Rated power (5 level)	Sleep mode 10 W – turbo mode 85 W
Noise level (5 settings)	≤38,0 dB(A)
Quantity of purified air (CADR)	488 m ³ /h
Suggested filter replacement interval	Plastic mesh pre-filter: every 2 years Multi-component filter units: every 6 months
Net weight	11,3 kg
Product dimensions (W x D x H)	400 × 230 × 640 mm

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