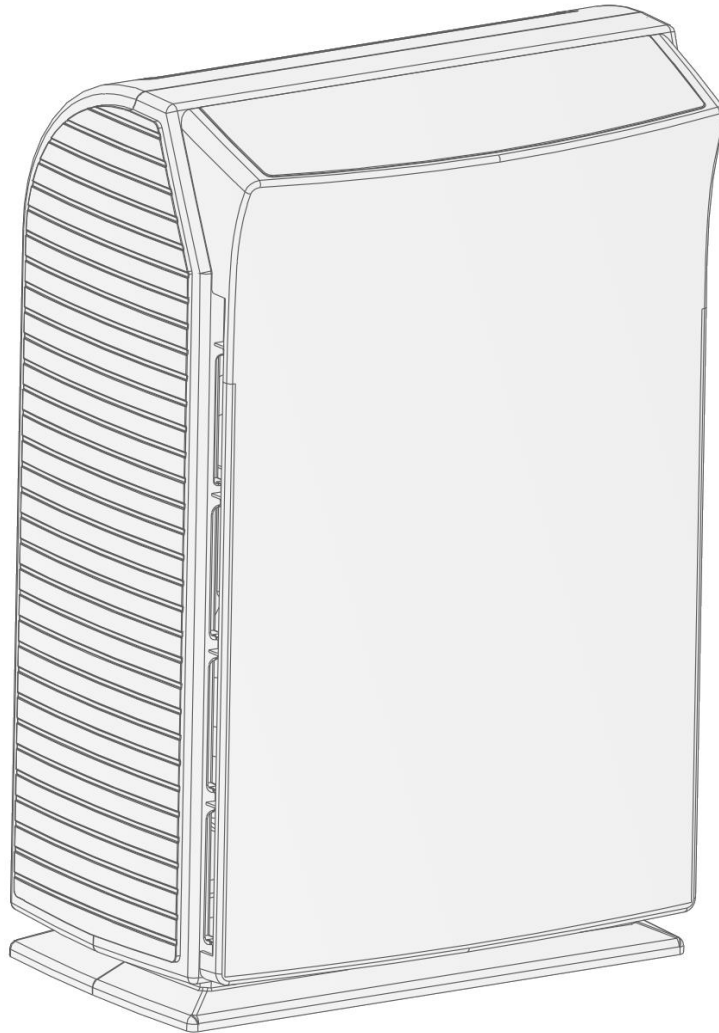


# Air Purifier WDH-C03



Dear Customer,

You have chosen a high quality product. In order for you to have a lot of pleasure with this product, here are a few more tips:

**In case of any problems:**

We hope the device meets your expectations ! If, despite the greatest possible care, there should ever be cause for complaint, we ask you to contact us briefly, because we are very concerned about your satisfaction and we would like to clear up any possible misunderstanding.

**Before initial operation:**

Read the operating instructions, especially the safety instructions, and first remove the filters from the protective foil!

**Equipment and quality features:**

**Prefilter:** The pre-filter removes all larger particles and thus ensures a longer service life of the HEPA filter.

**HEPA Filter:** One of the best filters ever, captures and filters particles as small as 0.0003mm. This includes pollen, germs and dust with a purity rate of 99.95% !!

**Active carbon & catalyst filter combination:** Absorbs and purifies many types of smoke and odors (e.g. cigarette smoke) and breaks down up to 90% of toxic fumes (e.g. formaldehyde, H<sub>2</sub>S, NH<sub>3</sub>).

**Ultraviolet light (optionally switchable):** Eliminates many of the most common types of bacteria and viruses. Furthermore, it ensures that the filters themselves can never become a hotbed of germs ! (There is a 6W UV lamp installed on the air intake shaft).

**Anion exchanger (optionally connectable):** Produces more than 5 million anions per second, which proactively fight smoke and other dirt particles in the room.

**Airquality sensor (optionally switchable):** Automatically measures the air quality. If the determined air quality is good, the air purifier automatically turns OFF. If the result is opposite and the air quality is inferior or poor, the air purifier automatically switches ON or to Strong, Medium and Weak mode.

**Timer:** With the timer, you can preset/select a remaining runtime of the device of up to 12 hours.

**3 Speed Levels:** High, Medium and Low.

**Night operation:** Display panel switched off and extremely quiet operation.

**Touch-Panel-Display:** With this modern control panel, you can make your settings quickly, precisely and intuitively. In addition, you always have a quick overview of all settings.

**Remote control:** Includes a remote control, with which almost all functions can be additionally controlled conveniently.

**Temperature & Humidity Display:** The air purifier shows you both the current room temperature and the relative room humidity as additional information.

**Filter change indicator:** Lights up if the filters should be changed.

**Other:** Extremely quiet and power-saving PG fan motor and very low standby power consumption of less than one watt.

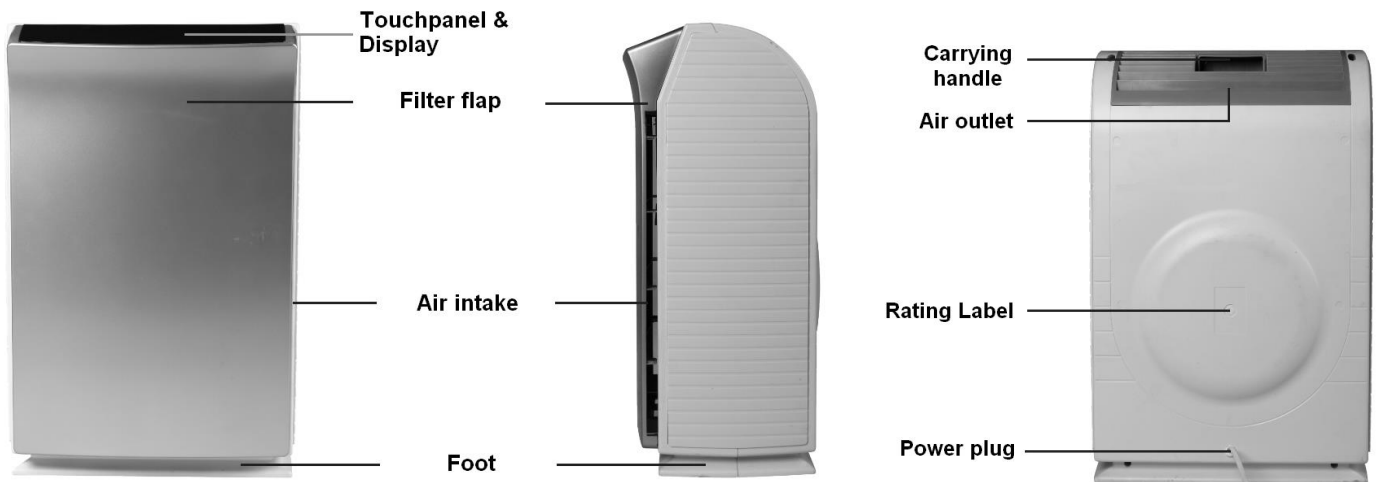
## **Important safety instructions:**

- Operate the unit only in a straight position and with a straight/level stand !
- Ensure a minimum lateral distance of 30 cm and a minimum upper distance of 30 cm to inventory and walls!
- Do not place any objects on top of the unit and make sure that the air intake as well as the exhaust air are always free !
- The appliance is not a substitute for room ventilation and is not suitable as an extractor hood when cooking.
- Ventilate the room regularly. Especially if it is a very airtight room or if there is a high oxygen consumption (e.g. fireplace, gas stove, many people, etc.).
- Supervise the air purifier if there are children or animals near the device !
- This air purifier should only be operated by persons who have the necessary physical as well as mental abilities to operate this device without problems/flawlessly !
- Pay attention to the electricity, never go into the device with objects or put them in !
- Only qualified personnel or electricians are allowed to open the unit or to make repairs on the unit and/or the power cord (power plug) !
- Protect the device from all moisture and wetness !
- Use only the recommended voltage for the operation of the device !
- Make sure that the power cord is unfolded (untied) before connecting it to the power
- Make sure that the plug is clean and properly connected to the power outlet before operating the unit !
- Do not expose the filters to insect spray, they could later release/release the insect spray unintentionally !
- Avoid that ash (cigarette ash) is sucked in by the device, this can lead to fire in the worst case !
- Switch off the device before unplugging the power cord !
- Switch off the device and disconnect the power plug if you want to clean the device !
- Clean the device only with mild cleaning agents !
- Avoid using the device at high room temperatures or in humid conditions !
- Do not make any independent modifications to the device or the cables !
- Never touch the plug or the socket with wet hands !
- Make sure that flammable substances (e.g. gases/oils etc.) are never in the vicinity of the device !
- If you are not going to use the device for a longer period of time, switch it off and disconnect the power plug!
- Never look directly into the switched on UV light, it can cause injuries to the eye !

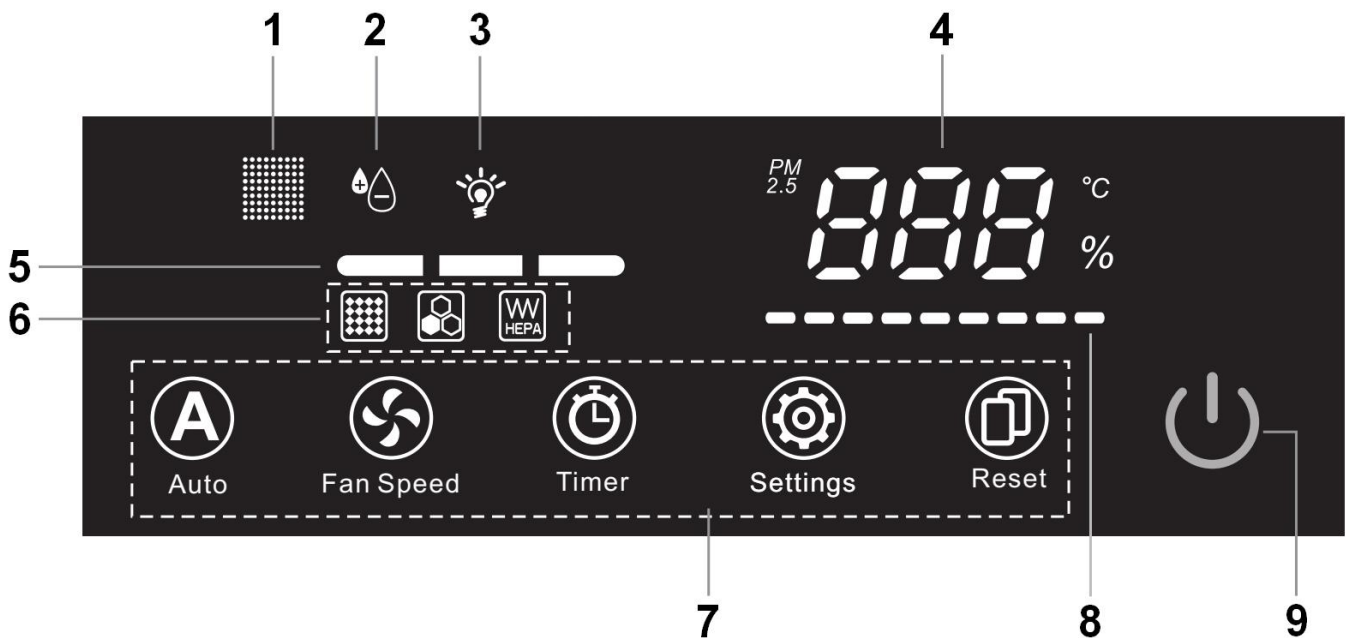
Please switch off the device immediately and remove it from the power/mains if something seems to be wrong !!! In this case, please contact a specialist and do not try to repair the device yourself !!

**Examples:** Fuse has blown or the unit is making unusual noises and/or there is a burnt smell.

## Device description:

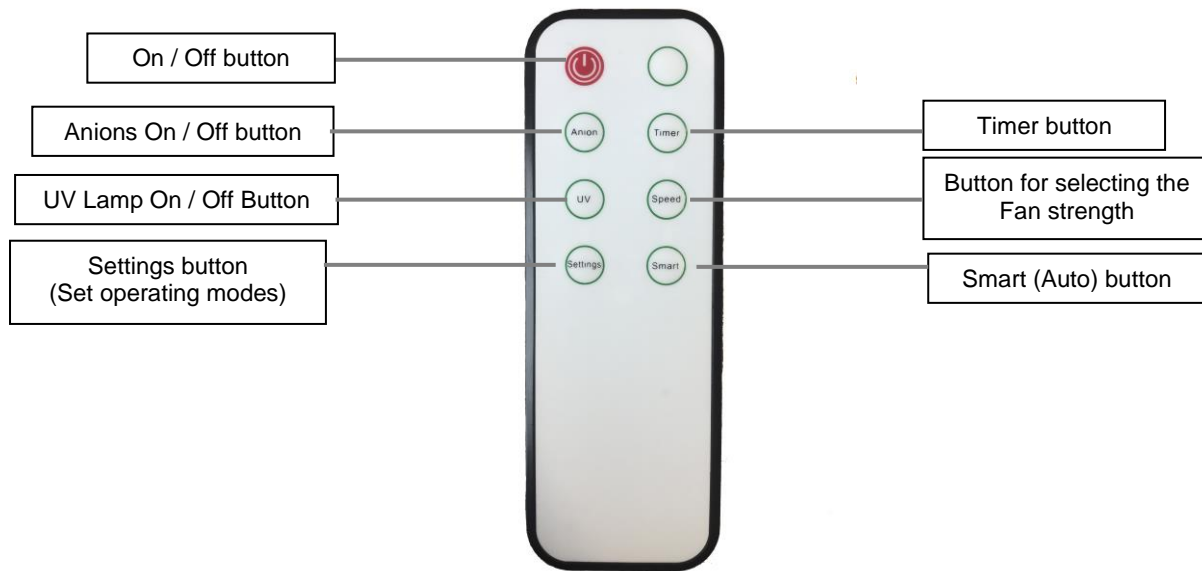


## Overview touch panel display:



- |  |   |
|--|---|
| 1.) Remote control receiver  | 6.) Filter change indicator   |
| 2.) Signal lamp anion function                                     | 7.) Operating keys (air sensor, air circulation, Timer, Operating Mode & Reset) |
| 3.) Signal lamp UV light function                                  | 8.) Air pollution display (Auto mode)   |
| 4.) Display of the current temperature, Air humidity and pollution | 9.) On / Off button   |
| 5.) Display field of the current air circulation strength          |   |

## Remote control overview:



## The filter compartment (diagram):



1. Filter flap
2. Prefilter
3. HEPA Filter
4. Combination filter (active carbon / catalyst)
5. Air purifier body
6. UV-Lamp

## Instruction manual:

### 1.) Inserting the filters



1. Open the front filter flap cover



2. First remove the transparent protective foil from the filters. Then insert the combi filter first, the HEPA filter second and finally the pre-filter.



3. Now close the front filter flap again

### 2.) Installation of the UV lamp



1. Open the front filter flap and then remove all filters



2. Grasp the UV lamp and rotate it by 90°. Now it can be pulled out.




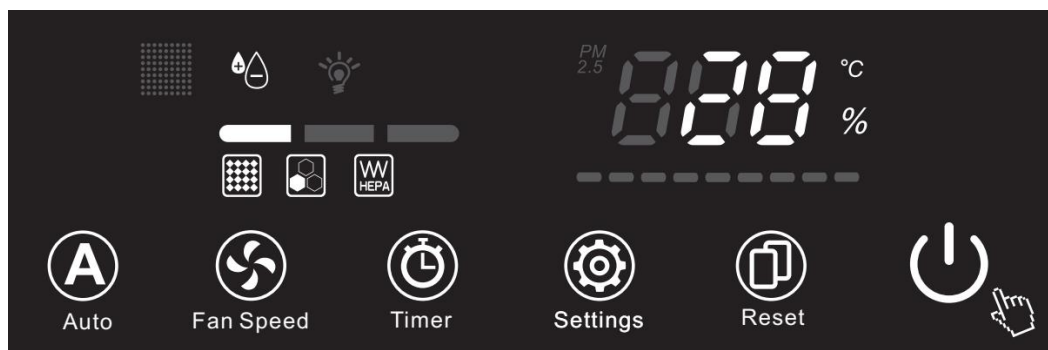
3. Now reinstall the new UV lamp in the same way.

### 3.) Power connection

Insert the plug into the socket.



### 4.) Switching on the air purifier

Press the ON button  The air filter starts its operation and the display turns on:




## 5.) Setting the various operating modes (functions)

Press the Settings button  in succession for the desired setting:

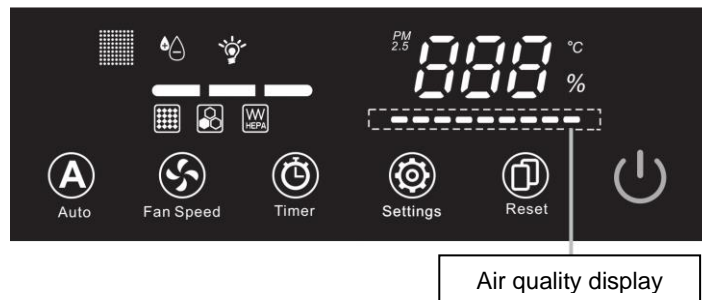
①		<b>Anion operation</b>	This function generates more than 5 million anions per second, which proactively combat smoke and other particles in the room.
②		<b>UV lamp active</b>	Eliminates many of the most common types of bacteria and viruses. Furthermore, the UV light ensures that the filters themselves can never become a breeding ground for germs ! (There is a 6W UV lamp installed behind the filters).

Furthermore, combinations can be set that enable joint operation of the individual functions !

## 6.) Activate the automatic air sensor

Press the Auto button  on your air purifier. The air sensor thus switches on and automatically starts measuring the air quality. There are 4 possible results of the determined air quality (see diagram below):

Please note that the proper air sensor function is only available after approx. 3 minutes !



No bar (PM-value 0-30) = Very good air quality > Air circulation extremely low



3 bars (PM-value 30-75) = Light air pollution > Air circulation jumps to level 1 (weak)



6 bars (PM-value 75-150) = Average air quality > Air circulation jumps to level 2 (medium)



9 bars (PM-value over 150) = Bad air quality > Air circulation jumps to level 3 (strong)

In addition to the air quality display shown above, you will also see a PM value in the display. You can read at the top which air quality category the respective PM value falls into.

Note: The air sensor is located at the front right behind the filter flap and reacts mainly to odors and slightly to particles in the air and thus always gives only a tendency of the air quality. Since it is a tendency (similar to a weather station), this function cannot provide a 100% reliable statement about pollutants in the room air or about the entire area of a room.

From a humidity of approx. 80% r.l. upwards, the air sensor probe may malfunction. In this case, we ask you to dispense with the air sensor function (Auto).

Furthermore, stronger operating fluctuations may occur from time to time, as the air sensor probe is exposed to the air draught.


### Reset of the PM value / air sensor:




After prolonged use of the air sensor, traces of particles will stick to the inductive head of the sensor, which may cause the numerical PM display to be abnormal. Only perform a reset if such an abnormal display is likely to occur!

If you find that the numeric PM reading deviates greatly from the normal range, we recommend that you record it in the following steps based on the numeric PM reading of the weather forecast in your city.


1. First blow hard into the "compartment" of the air sensor (front left of the device). Then open a window for 5 minutes and place the air purifier near the window (the air sensor will record the current environmental data again).
2. Then press and hold the "Settings" icon until you hear a click. Now you are automatically in PM correction mode.
3. Each time you press the "Settings" key now, the PM number of the device will increase by 2ug/m<sup>3</sup>. Each time you press the "Auto" key, you decrease the numerical PM value by 2ug/m<sup>3</sup>.
4. If you have adjusted the numerical PM values in the display to the numerical PM values of the weather forecast of your city (look it up on the Internet), please wait for 5 seconds and the value will be overwritten and saved.

### 7.) Setting the fan strength (air circulation)

Press the Fan Speed button  in succession for the desired setting. The device has three fan speeds:


	Level 1	= Weak fan strength (air circulation)
	Level 2	= Average fan strength (air circulation)
	Level 3	= Strong fan strength (air circulation)

### 8.) Timer

Press the Timer button  for approx. 3 seconds until the zero (0) starts flashing in the display field. Now you can select a value between 0 - 12 hours by pressing repeatedly. After you have selected your desired value, wait for approx. 5 seconds until you hear an acknowledgement tone and the display panel shows the current temperature and humidity value again. Now the remaining run time is stored and the air purifier switches off automatically after this time has elapsed. The remaining runtime is displayed alternately with the current temperature and the humidity value. In addition, you can also display the remaining runtime by briefly pressing the timer key.

To reset the remaining run time, simply press the timer key continuously for approx. 3 seconds until the acknowledgement tone sounds. This switches off (zeroes) the remaining runtime and the air purifier operates in continuous mode again.

### 9.) Night operation / night mode

Press the Fan Speed button  permanently for approx. 3-5 seconds. This turns off the touch panel display and the unit jumps to an extremely quiet fan strength !

To cancel the night mode, simply press again in the key area of the touch panel display.

### 10.) Filter change indicator

The air purifier has a filter change indicator.



The indicator is always lit by default, after an active runtime (operating time) the symbol starts blinking and recommends you to change the respective filters.

**Note:** The filter change indicator is time-controlled and, depending on the type of use of the air purifier, it may be necessary to replace the filters earlier (before the filter change indicator is triggered) !

After you have renewed the filters, press the reset button  continuously until you hear a long acknowledgement tone. Now the flashing filter change indicator is reset and the internal filter runtime count starts again from the beginning.



## 11.) Cleaning & Storage

Please always disconnect the power plug first and allow the air purifier to drain completely before carrying out any cleaning activities on your device !

### 11.1. Cleaning:

- Use a soft and damp cloth to clean the outside of the device.
- Use only mild cleaning agents to clean your air purifier.
- Please make sure that water does not get inside the device or the electric touch panel display at any time!

### 11.2. Storage:

- We recommend covering the device for storage or ideally packing it in its original box.
- Store the device in a dry and sufficiently ventilated place/space.

## 12.) Others

The air purifier has a so-called MEMORY function. This means that the device retains the last settings made after an on/off. However, in the event of a power failure or unplugging, this is not the case for safety reasons !

The air purifier can be controlled and adjusted via the touch panel display, as well as via the supplied remote control. Two AAA batteries (1.5V) are required for remote control operation.

### Notes on UV light:

1. The UV lamp normally has a lifetime of approx. 4,000 - 8,000 hours, depending on the on/off interval.
2. The wavelength is 254 nm.
3. The socket is T5 and the UV lamp has a power of 6 watts.
4. Replace the UV light only when the device is switched off.

### Notes for the filters:

1. With an average use of approx. 8 hours daily the filters last up to one year ! With more heavily soiled rooms, e.g. smokers' household, it may be that the filters have to be replaced after approx. 4 - 6 months !
2. Change the HEPA filter when it is dirty.
3. Never wash the fine filters.

### Technical data:

<b>Model:</b>	WDH-C03
<b>Voltage:</b>	220-240 V / 50 Hz
<b>Max. Power consumption:</b>	72 W (0,33 A)
<b>Max. Air circulation:</b>	470 m <sup>3</sup> /h
<b>Recommended max. room size:</b>	60 m <sup>2</sup> (150 m <sup>3</sup> )
<b>Max. Noise generation:</b>	45 dB(A)
<b>Dimension (H/W/D):</b>	570 x 370 x 265 mm
<b>Weight:</b>	8,7 kg

*Deviations are reserved for the technical data !!*

## Troubleshooting:

The device itself emits an unpleasant odor:

The UV lamp produces a certain odor. This odor is typical for the function and generally arises during operation.

The "Anions" mode cannot be smelled by most people. However, sensitive people perceive a certain "smell". This is because the anions slightly electrostatically charge the air (similar to after a thunderstorm).

Finally, a new air cleaner still has a slight odor of its own (fresh plastic, new engine, new paint, etc.)...but this new odor fades within a short time (1-2 weeks) !!

The air sensor causes problems:

Please read the instructions under point 6 (Activating the automatic air sensor) and in case of 9 x active light bars (poor air quality) the instructions \* listed below. If the explanations given there are not applicable and the air sensor clearly indicates a wrong tendency, then please check whether the small openings at the front right behind the filter flap on the air sensor are not dirty. Blow also hard into the air sensor, this should solve the problem

\* The air sensor remains permanently on 9 x active light bars (poor air quality):

1. Have you ever given the air purifier "free rein" in the automatic air sensor function (auto) for 12 hours or have you let it run in continuous operation? Especially at the beginning and especially with smokers, 12 hours of continuous operation and more are quite normal, because often particles / odor patterns sit in the entire inventory (curtains, upholstery, carpet, etc.) and depending on the nature of the material, it can take considerable time until this inventory releases the odors again.
2. Please make sure that the air sensor function (Auto) is not used when the air purifier is in a draft (e.g. between two open windows and/or doors).
3. From a humidity of approx. 80% r.l. upwards, the air sensor probe may malfunction. In this case, we ask you to dispense with the air sensor function (Auto).
4. In very rare cases, the air sensor may react negatively to certain substances (e.g. furniture polish, perfume, etc.) in your room. In these cases, we ask you to dispense with this special operating mode (automatic air sensor function).

It takes too long for smoke and/or odors to be neutralized:

In general, our air purifier is very good for odor and smoke neutralization. But we ask you to note that the result/end result of our air purifier always depends on how much odor particles are flowing in and how the air circulation is at your place !

This is because the inserted odor filter always absorbs/removes only a part of all odor particles in one pass. Therefore, a general rule is three filter passes until all odor particles have been absorbed.

(Note: When filtering dust and particles, one filter pass is sufficient to clean the air, as all particles are retained in the fine filter = 99% effectiveness. For odors, the carbon & catalyst filter is mainly used and here the filter medium needs approx. three filter passes per sqm<sup>3</sup> of air until one can speak of clean air = 33% effectiveness!)

Furthermore, it is also important to remember that odor patterns may already be present in the inventory (furniture) - and depending on the nature of the individual materials, it may take a considerable amount of time for them to release the odors again.

## Others:

### **Declaration of warranty:**

Notwithstanding the statutory warranty claims, the manufacturer grants a warranty in accordance with the laws of your country, but at least 1 year (in Germany 2 years for private persons). The start of the warranty is the date of sale of the device to the end user.

The warranty covers only defects that are due to material or manufacturing defects.

Warranty repairs may only be carried out by an authorized customer service. To make your warranty claim, the original sales receipt (with date of sale) must be enclosed.

Excluded from the warranty are:

- Normal wear
- Improper applications, such as overloading the device or non-approved accessories
- Damage due to external influences, use of force or foreign objects
- Damage caused by non-observance of the operating instructions, e.g. connection to an incorrect mains voltage or non-observance of the assembly instructions
- Completely or partially dismantled equipment

**Conformity:**

The air purifier has been tested and itself and/or parts thereof have been manufactured under the following (safety) standards:

**Of course with CE (EMC + LVD) conformity.**

CE (EMC) Conformity tested according to: EN 55014-1:2006+A1:2009+A2:2011  
EN 55014-2:2015  
EN 61000-3-2:2014  
EN 61000-3-3:2013

CE (LVD) Conformity tested according to: EN 60335-2-65:2003:A1:2008+A11:2012  
EN 60335-1:2012+A11:2014  
EN 62233:2008

**Correct disposal of this product:**

Within the EU, this symbol indicates that this product should not be disposed of with other household waste. Old devices contain valuable recyclable materials that should be recycled. In addition, the environment or human health should not be polluted by uncontrolled waste disposal. Therefore, please dispose of old devices via suitable collection systems or send the device for disposal to the place where you purchased it. This will then forward the device for recycling.



Much pleasure with this device wishes

***Your Aktobis AG***

***Keep these instructions for use in a safe place!***

## Notes:

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