

# USER MANUAL

## alfda air purifier ALR200

### PLEASE NOTE:

Before using remove the foil packing from the filters inside.



Thank you for purchasing this product. The product is a unit of air purifier fitted with high efficiency filters. To get familiarized with your new product, please read the manual before the start up carefully and retain this booklet for future reference.

#### Service-Contact

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our WEEE-Reg.-Nr. : DE 87819261

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A manual in German language could be get by download:

<http://www.allergiker-shop-alfda.de/katalog/downloads/Manual-DE--ALR200.pdf>

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## 1. Short notes for the use

The air purifier ALR200 is equipped with a simple to use timer. Alternatively, it can be controlled with an external conventional time switch. For effective air cleaning, we recommend to proceed as follows:

### Für eine effektive Luftreinigung empfehlen wir wie folgt vor zu gehen:

- Ventilate extensively 2 - 3 times daily, and then turn on the air cleaner.
- We recommend to use the ionization in the sleeping area only short term as this can cause bad sleep for sensitive people.
- In order to achieve an optimal air cleaning, the air cleaner may be operated at least as long as a 2-time purification of the room air volume is achieved.

#### Examples for running times:

Room size	<u>min. running time</u>	Fan speed
~12 m <sup>2</sup> / 30 m <sup>3</sup>	~ 40 Min.	1 (low)
~12 m <sup>2</sup> / 30 m <sup>3</sup>	~ 20 Min.	3 high
~20 m <sup>2</sup> / 50 m <sup>3</sup>	~ 60 Min.	1 (low)
~20 m <sup>2</sup> / 50 m <sup>3</sup>	~ 30 Min.	3 (high)
~40 m <sup>2</sup> / 100 m <sup>3</sup>	~ 80 Min	2 (medium)
~40 m <sup>2</sup> / 100 m <sup>3</sup>	~ 60 Min.	3 ((high)



## 2. Cautions concerning operation

- Please unpack the filter before use, otherwise there will be no filter effect.
- Never block the air intake and the air outlet of the unit.
- Place the air purifier not in the area of heatings, stoves, etc. and avoid grease aerosols, heat and splash in and at the unit.
- Please unplug the power cord when the unit is not used for a long time.
- To clean the housing do not use water or detergent to avoid damage.

## 3. Function and property

**Plastic Pre filter** for general filtration. It is capable of removing big suspended particulates in the air.

**Blue cotton filter:** Anti-bacterial filter. It can remove the big particles in the air. It can also kill the bacterial in the air.

**HIMOP filter** (High Efficiency Multi oxidation pottery and Porcelain Granule): HIMOP is a kind of high efficiency grain ceramics with strong oxidizing property. It is honeycombed with passages which can capture all kinds of organic pollutant in the air and break it down to water and Carbon dioxide. It's the most advanced filtration technology to remove the indoor formaldehyde. It can remove 93.4% formaldehyde, 99.9% benzene and toluene in 3 hours. (Testing by "Institute for environmental health and related product safety Chinese center for disease control and prevention" according to Chinese national standard (GB/T18801-2002).)

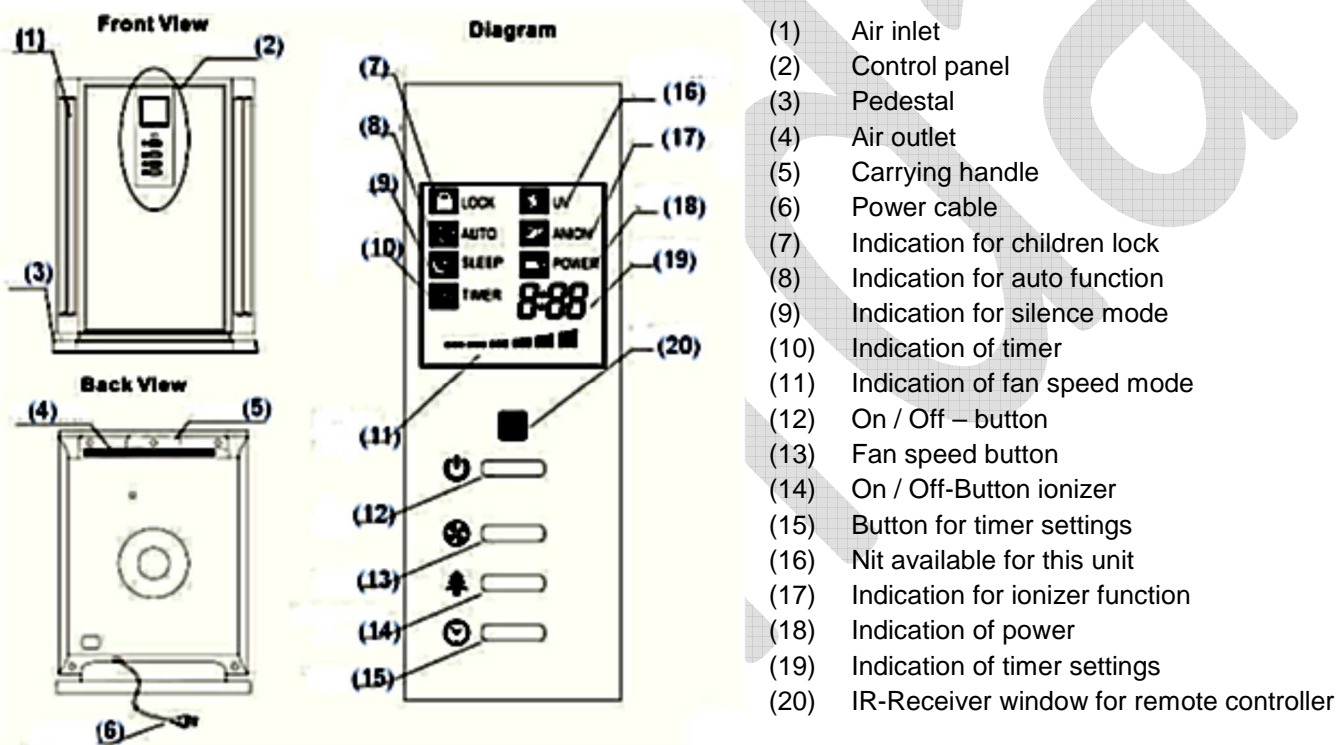
**HEPA filter** (High Efficiency Particulate Airfilter) of High efficiency. Removes smoke and dust of 0.3 micron. The filtrating rate is as high as 99%.

**Fresh air ionizer** Negative charges ions effectively refresh the indoor air.

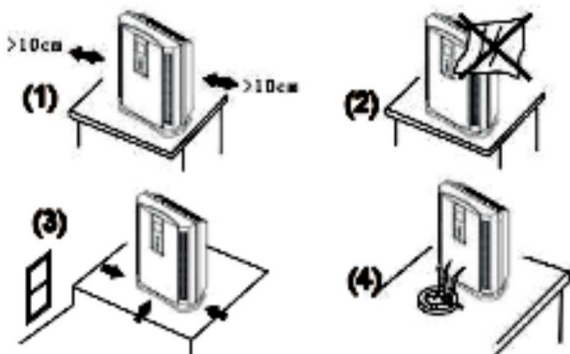
## 4. Technical Data

<b>Model</b>	<b>ALR200</b>
Voltage	220-240V 50 Hz
Power ca.	Max. 50 Watt
Power Standby	3,6 Watt
Air flow min/max ca.	115 / 216 m3/h
Noise Level min./max. ca.	35 / 47 dB(A)
Net weight ca.	6 kg
Dimension (LxWxH)	360x180x500 mm
Applicable area max.	45 m2 / 112 m3

## 5. Components



## 6. Aufstellung



1. Min. 10 cm distance to the wall
2. Do not place nearby curtains
3. Place the unit where air circulation is good
4. Place the unit near the source of polluted air for more effective results.

**IMPORTANT: The air cleaner is not suitable to filter oily, greasy air!**

## 7. Operation

To make the best use of the air purifier, please place and adjust it properly according to air pollution period and area.

### Method of Operation

**Connect the power:** Connect the power, the unit will start to work when it is plugged in. The initial mode will be high speed (without ionizer function).

**On/Off Button:** Press the power button, the unit will be switched off/on.

If the unit is switched on, the high fan speed is activated and could be changed then.

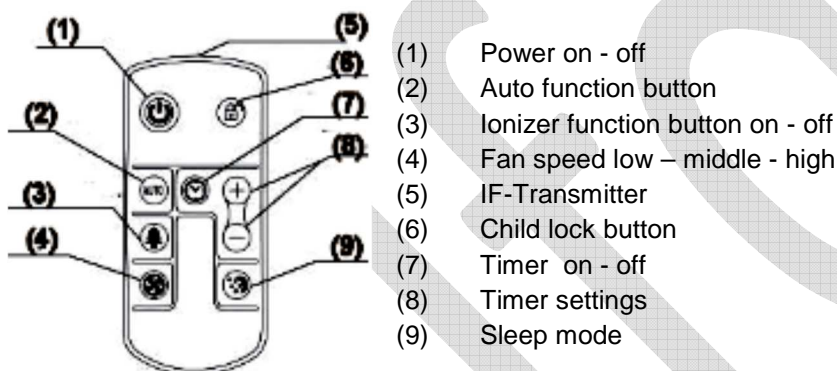
**Fan Speed Button:** Press the button for selection of fan speed. The LED screen will indicate one sign for low speed, two for medium and three for high.

**Ionizer Button:** Press the button for Ionizer, the indicator will be shown on the control panel, indicating the selection preferred.

**Time setting Button:** To enable the timer function, press the button once to get the time flashing as 0:00 on the LED screen. With further press the time will increase in an interval of 30 minutes till 8 hours the longest. The unit will submit the setting in 3 seconds with the signs of clock and will then light up the rest time steadily.

**External timer:** It can be connected with external timer to set the working time. The unit has to be switched on. The initial mode when switched on is high speed. The external timer is not included in the scope of delivery.

### Remote Controller



### Operation by using the Remote Controller

**Child Lock Button:** The Child Lock function enables the air purifier to be locked, (which will also lock the power button), and avoid any accidental operation by children or unauthorized usage. To reset the unit to Open Lock Mode, the unit needs to be switched off and switched on again. During locked mode, the lock indicator will be shown on the display.

**Auto Function Button:** The Auto function button, which is on the remote control, when enabled, will allow the Ionizer function to be switched on at 30 minutes intervals with medium fan speed.

**Time Setting Button:** Press the Time Setting Button, the flashing signs of clock and 0:00 will appear on the LED screen. Press the "+" or "-" for desired time setting, the time will increase from 30 minutes to 8 hours, the longest. Once the desired time has been set, press the time button to activate. The sign of clock and 0:00 will then light up steadily. If the time setting button is not pressed, the time set will not be activated. To reset the time, you may press the time setting button again.

**Sleep Mode Button:** The Sleep Mode Button will enable the unit to work in low speed mode with the sleep indicator light displayed on the unit and the fan speed mode indicator light dimmed.

The usage of the Power button, Ionizer as well as the Fan Speed Mode button on the remote control is the same as those on the units control panel.

## 7. Installation of the filter



### Filter element

The filter element includes the plastic pre-filter (separate in the box), the unit with blue-cotton-filter, HIMOP-filter and HEPA-filter and the filter frame (inside the unit).

### Installation of the Filter

1. Place the unit on its back lying down and hold the handles of the filter frame to release the frame from the unit.
2. Hold the handles of the filter frame and pull the filter out following the direction of the diagram above. Take the filter out of the frame and remove the package. Please note down the beginning of operation date of the unit on the label placed at the side of the filter frame. Mount the filter in that way, that the HEPA-Filter (white) is towards the grid of the filter frame. Please add the prefilter on the blue side and put the whole filter set in the unit (prefilter on the upper side).
3. IMPORTANT! The filters need to be unpacked from its existing package before being used for the first time.
4. For maintenance of the filters, new filters can be replaced by pulling aside the two sides of the filter frame to take out the old worn filters.

## 9. Maintenance

Please disconnect the unit with power for maintenance to avoid electric shock. Never clean the filters with water to avoid changes to the shape of the filters. The pre-filter and the blue cotton filter should be cleaned carefully with a vacuum cleaner every 2-3 months.

## 10. Filter Replacement

The standard lifespan of the filters is one year while using it 4 hours daily. However, it will also depend on the duration of usage and the surroundings air pollution level.

For longer periods of not using the unit we recommend to take the filter out of the unit and pack it airtight. Please contact the authorized retailers for purchase of replacement filters.

## 11. Failure and Solutions

Please refer to the following before contacting Customer Service Centre for service / repair:

**Unit does not work:** Please check whether the power plug is properly inserted into the socket.

**The Remote Control does not work:** Please check whether the battery is placed correctly and has enough capacity. Probably change the battery (size CR2032). The remote control must be directed at the unit's front site with the IF-Sensor.

**Unable to remove odour or dirt in the air. Loud operation noise level:** Please make sure, that air intake and air outlet are not blocked and clean them carefully with a vacuum cleaner. Take the filter unit out of the air cleaner and clean the pre-filter and filter-set carefully with a vacuum cleaner or replace the filter-set by a new one.

**The filter set slides out of the air cleaner:** The frame of the filter set must engage (2 small noses). If this is not the case, adjust the instrument carefully on the head and push in the filter frame until it clicks into place.



## 12. Warranty conditions

Our products are subject to strict quality control. If your air purifier should still not be functioning properly, we regret this and ask you to contact the authorized customer service.

The warranty period is 2 years from date of purchase. The guarantee is for the country to which the air purifier was delivered from the dealer. Devices, that have material and workmanship defects are repaired or replaced at our discretion during the warranty period. Exchanged devices or parts of devices become our property. It does not extend the warranty period nor does it initiate a new warranty in transition.

Warranty claims must be submitted immediately after becoming aware of the defect within the warranty period.

### **In order to claim the warranty service involves the following steps:**

Please contact by e-mail (verkauf@alfda.de) the customer service and describe the problem. Please note the invoice number and your name in this e-mail.

If a return is agreed upon, send the unit securely packaged at your expense to our service. Include a copy of the invoice on which you note the defect. If the defect is under our guarantee, you will get a repaired or new device sent on our costs.

Warranty claims are excluded for damage caused by:

- Misusage or improper treatment
- unusable conditions (moisture, fat, heat, over voltage, dust, etc.)
- Failure to follow the safety precautions applicable to the device
- Not following the instructions
- The use of force (drop, shock, impact, dump down, e.g.)
- Procedures that were not performed by the address of our authorized service
- Unauthorized attempts to repair
- Submission in not safety packaging.

Furthermore, no subject to any warranty are batteries and filter cartridges as these are consumable parts.

From the scope of the guarantee for not (or no longer) detected defects or damage to the equipment, we fix a fee. For a custom quote, please contact our customer service. In this case shipping and handling charges are at your expense.

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## 8. Information of proper disposal

### **Old electronic equipment is no household waste!**

In accordance with Directive 2002/96/EG and national laws electrical and electronic equipment must be separately from general household waste using the sites designated by local authorities. This can happen when you buy a similar device, or by delivery to an authorized collection site for recycling waste electrical and electronic equipment.



### Notes on Battery Disposal

In connection with the sale of batteries or with the delivery of equipment containing rechargeable batteries, we are obliged to draw your attention to the following:

As an end-user, you are legally obliged to return used batteries. You can return waste batteries that we carry in stock as new batteries or have performed free of charge to our warehouse (Carl-Spitzweg-Str. 3, 50127 Bergheim).

The symbols shown on the batteries have the following meaning:

The symbol of the crossed out wheeled bin indicates that the battery should not be treated as household waste.

Pb = battery contains more than 0.004 percent lead

Cd = battery contains more than 0.002 percent cadmium

Hg = battery contains more than 0.0005 percent of mercury.

Please note the above instructions.