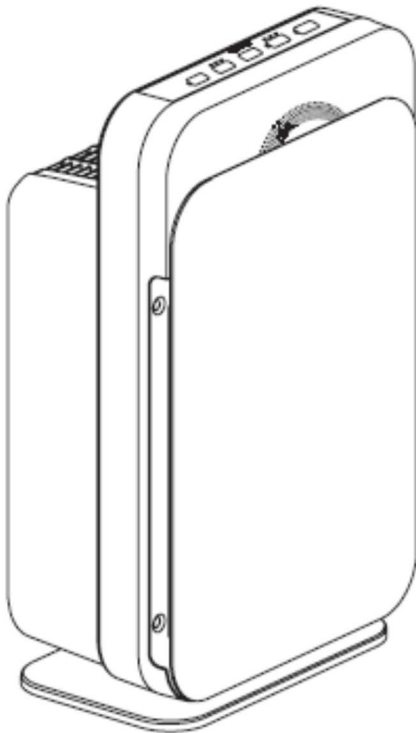


User Manual

alfda air purifier ALR300 Comfort

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, equipped with energy-efficient, cutting-edge technology.

To get familiarized with your new product, please read the manual before the start up carefully and retain this booklet for future reference.

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Our WEEE-Reg.-Nr.: DE 87819261

date: September 2015 – subject to change – © alfda

A manual in German language could be get by download:

<http://www.allergiker-shop-alfda.de/katalog/downloads/Manual-DE--ALR300Comfort.pdf>

Table of contents

1. Short notes for the use
2. Cautions concerning operation
3. Function and property
4. Technical Data
5. Components
6. Placement
7. Operation
8. Installation of the filter
9. Maintenance
10. Filter equipment
11. Failure and solutions
12. Warranty conditions
13. Information of prosper disposal

1. Short notes for the use

The air purifier alfa ALR300 Comfort is easy to use. In addition to the built-in timer function, it can be controlled with an external conventional time switch.

For effective air cleaning, we recommend to proceed as follows:

- Ventilate extensively 2 - 3 times daily, and then turn on the air cleaner.
- 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>minimum running time</u> | fan speed |
|---|-----------------------------|------------|
| ~12 m ² / 30 m ³ | ~ 50 Min. | 1 (low) |
| ~12 m ² / 30 m ³ | ~ 10 Min. | 3 (high) |
| ~20 m ² / 50 m ³ | ~ 70 Min. | 1 (low) |
| ~20 m ² / 50 m ³ | ~ 20 Min. | 3 (high) |
| ~40 m ² / 100 m ³ | ~ 70 Min | 2 (medium) |
| ~60 m ² / 150 m ³ | ~ 60 Min. | 3 (high) |



Additionally, you can use the air purifier in automatic mode.

Using in a sleeping room: We recommend a time limited running with high fan speed after the airing of the room and before going to bed. If requested, you can use the sleep mode whole night. The window can remain open. In the case of pollen place the air cleaner between the open window and the bed area.

We recommend to use the ionization in the sleeping area only short term as this can cause bad sleep for sensitive people.

2. Cautions concerning operation

- Please unpack the filter before use, otherwise there will be no filter effect. The air purifier can also be damaged!
- 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.

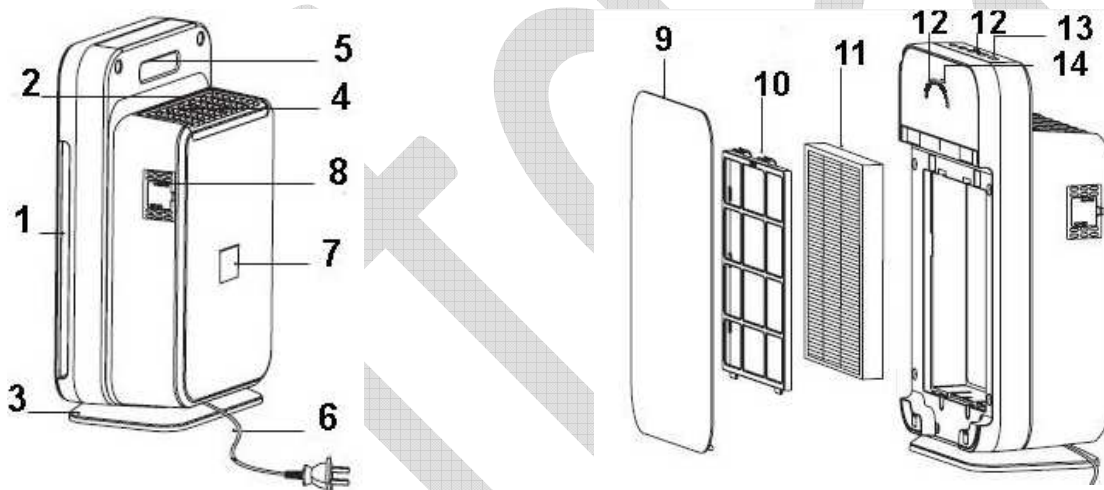
3. Function and property

- **Pre plastic filter with a mesh size of less than 0,7 mm:** to filter coarse particles (declining dust, some spores and pollen types) and bird dust from the air.
- **Dense 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 could be switched on or off:** Negative charges ions (about 3.000.00 / cm³) effectively refresh the indoor air.

4. Technical Data

| | |
|--|---|
| Model | ALR300 Comfort |
| Voltage | 220-240V 50 Hz |
| Power ca. | Max. 35 Watt |
| Power Standby | 0,7 Watt |
| Air volume Sleep / min./ medium / max. ca. | 55 / 80 / 170 / 300 m3/h |
| Noise level Sleep / min./ max. ca. | 16 / 18 / 55 dB(A) |
| Net weight ca. | 7,5 kg |
| Dimensions (L x B x H) | 335x220x570 mm |
| Cabel length ca. | 1,8 m |
| Insulation | Protection class II |
| Applicable area optimal / maximal | Up to 40 m2 (100 m3) / up to 60 m2 (150 m3) |

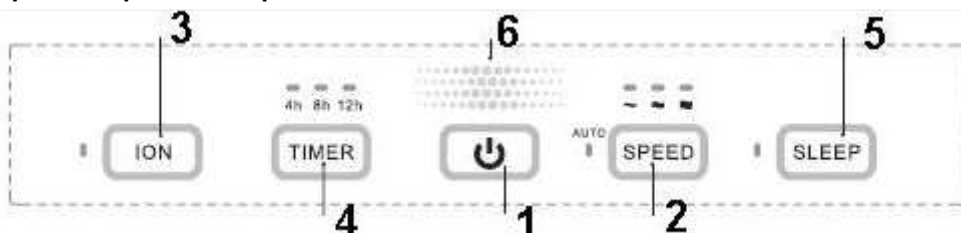
5. Components



- (1) Air intake
- (2) Air outlet
- (3) Pedestal
- (4) Ionizer
- (5) Carrying handle
- (6) Power cable
- (7) label
- (8) PM 2.5 Dust sensor

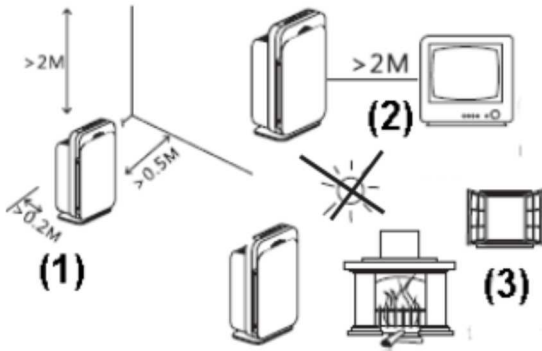
- (9) Front panel
- (10) Plastic Pre-Filter
- (11) Filter-Set (blue-cotton-filter-HIMOP-HEPA-filter)
- (12) Indication of air quality
- (13) Operation panel
- (14) IR-Sensor for remote control

Operation panel on top of the unit:



- (1) On / Off
- (2) Fan speed / Auto
- (3) Ionizer On / Off
- (4) Timer function
- (5) Sleep-Mode
- (6) Air quality indication

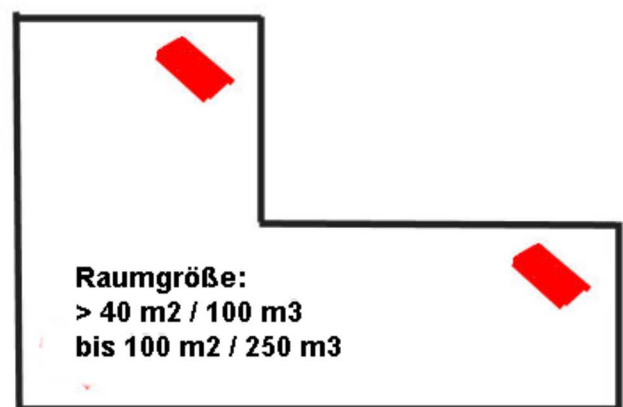
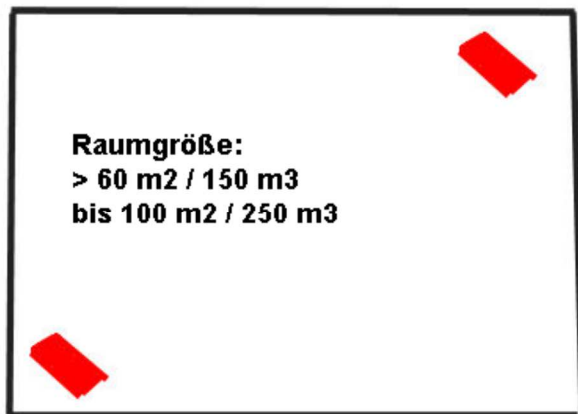
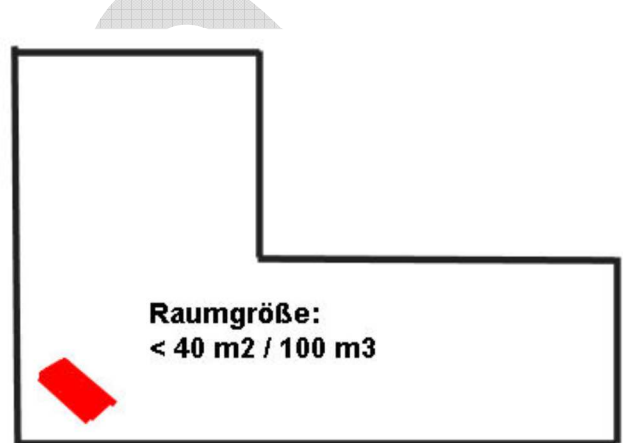
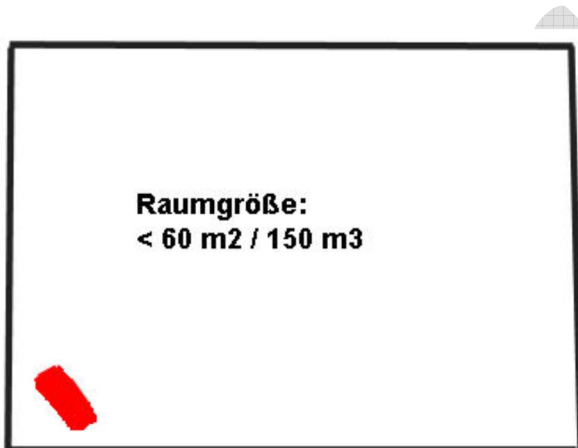
6. Placement



1. Keep 20 cm distance to the wall, 50 cm distance at air inlets and 2 m distance to the ceiling
2. Keep 2 m distance to Multi-Media-Products
3. Do not place the air cleaner in the sun.
4. The air purifier does not replace the necessary ventilation (oxygenation) especially in rooms with fireplaces.

Important: The air cleaner is not suitable to filter oily, greasy air! It is not suitable to be placed in production areas!

Please notice the following samples for placing the air cleaner, because this is important for a good cleaning result:



If the room size is larger than $60 m^2 / 150 m^3$ or the room is very winding, you may place two air cleaners.

One air cleaner with much more than $300 m^3/h$ air quantity makes a good cleaning result all over the room area difficult and could cause drafts due to the high air flow frequently.

7. Operation

To get the best result of air cleaning, place the unit where air circulation is good and place the unit near the source of polluted air.

Method of Operation

Connect the power: Connecting the power, the unit will start to work when it is plugged in. The initial mode will be medium-fan-mode (without ionizer function).

Anschluss des Netzkabels: Once the power cord is connected, the unit starts to work in medium-fan-mode, the ionizer is turned off, the LEDs light up briefly and the particle sensor is activated.



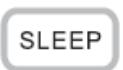
On / Off-button: Pressing the power button, the unit will be switched off/on. If the unit is switched on again, the last selected mode will be activated and could be changed then.



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 and a sign for the PM 2,5 -Sensor-controlled automatic operation.



Press the button to use the **timer function**. According your selection, the air cleaner will run for 4, 8 or 12 hours. The Timer-Function can be combined with all other functions.



If the **Sleep-Mode** is selected, the air cleaner works very quiet with reduced air quantity. All LEDs will be switched off after 10 seconds, except of the one for indication the sleep mode. So the LEDs do not interfere in the dark in the room.

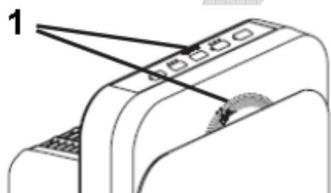
The sleep-Mode can be combined with timer-function and / or ionizer. By pressing any button, the sleep-mode will be switched off.



Press the button for Ionizer. The LED will show the operation.

External timer: The air cleaner can be connected with external timer to set the working time. The unit has to be switched on. The initial mode will be medium-fan-speed with switched of ionizer. The external timer is not included in the scope of delivery.

Air quality indication and AUTO-Mode with intelligent PM 2.5 - Sensor Control



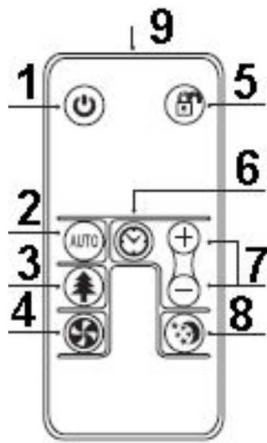
1. The air purifier measures the air quality by using an intelligent dust sensor and displays it in color:
blue = clean air
yellow = deterioration of air quality
red = high air pollution

The as fine dust (PM2.5) called dust fraction contains 50% of the particles having a diameter of 2.5 microns, a higher proportion of smaller particles and a lower proportion of larger particles. Particles of this size can go up in the air sacs. They are at most as large as bacteria and therefore cannot be seen with the naked eye.

The air quality assessment already takes into account the guideline by the WHO (World Health Organization) valid from 2020. That means, that the PM 2.5 value will be below 20 ug / m³ for the indication of clean air (blue)

For an optimal and sustainable air cleaning result we recommend the use as described under item 1 and 6.

Remote Control





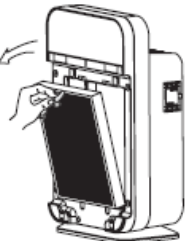
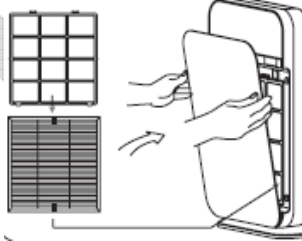
- (1) On / Off Button
- (2) Auto-Mode
- (3) Ionizer on / off
- (4) Fan speed
- (5) – no function -
- (6) Timer function
- (7) Timer time selection
- (8) Sleep-mode
- (9) IF-Transmitter

Using the remote control

The functions are identical to the one to be adjusted on the air cleaner top side. Point the remote at the front of the air purifier and select the desired setting.

8. Installation of the filter

Before using the air cleaner the first time, remove the foil packing from the filters inside.

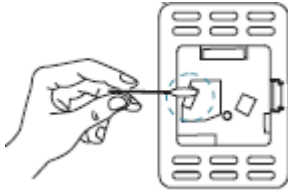
1. Remove the front panel as shown 
2. Press down on the two mounts of the prefilter and remove the pre-filter. 
3. Remove the filter set as shown and remove the foil packing. 
4. Place the filter back in and fasten the front panel.  **Note:** If the front panel is not installed correctly, the air cleaner cannot be put into operation.

Built in filters

The built in filters consists of a plastic pre-filter and the unit of cotton filters, HIMOP filter and HEPA filter.

9. Maintenance

For maintenance please disconnect the unit from power to avoid an 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 4-6 months.



The sensor for air quality measurement has to be cleaned about every 3-6 weeks. To do this, carefully remove the cover and clean the sensor with a clean water moistened swab. Please do not use alcohol or other cleaning agents, because the sensor otherwise would be damaged.

10. Filter Replacement / Spare Filters

The plastic pre-filter can be used permanently. If it is damaged, it must be replaced.

The average operative time of the multi-filter is 1.5 years at an average 4-hour operation per day. This extent to the way of use and air pollution. Strong tobacco smoke for example will shorten the using time of the filter.

If the unit is not used for a long time, we recommend to take the filter out of the unit and put it inside an airtight foil.

The spare filters can be obtained from authorized dealers.

11. Failure and Solutions

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

Unit does not work: Check if the power cord is plugged in correctly, power is available and the front panel is installed correctly.

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.

The air leaner is noisy: Check, if the foil of the filters is still inside and remove it.

Unable to remove odors 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 und filter-set carefully with a vacuum cleaner or replace the filter-set by a new one.

The air quality indicator is not working or constantly shows "red": Clean the dust sensor carefully as described before. Please note that this sensor detects only the health concern particles (PM 2.5) and therefore does not respond to any dust. (However, this does not diminish the power of the air cleaning over the entire particle size range.)

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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13. 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. Please discard batteries from the remote control as follows:



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.