



**alfda**<sup>®</sup>  
**ALR100**

**USER MANUAL**

Dear customer!

Thank you for purchasing our alfa® ALR100 desktop air purifier.

Please read these operating instructions carefully before starting up your air purifier for the first time. This manual contains important information and notes for the optimal function and handling of the unit. Please keep these instructions in a safe place after reading them if you have any questions at a later moment.

## **SERVICE-ADDRESS:**

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Our WEEE-Reg.-Nr.: DE 87819261

## **BREATHING HEALTHY AIR...**

We breathe 10,000 liters of air a day without worrying about air quality. Our indoor air is often polluted by pollen, harmful gases, odours, dust particles, animal hair or bacteria and viruses. But also the increasing fine dust pollution in cities caused by cars, trucks and industrial plants must not be ignored. In addition, the air indoors is up to 8 times more polluted than outside, so that the use of a HEPA air purifier, especially for allergy sufferers or asthmatics, is an important support and improvement of well-being.

## ATTENTION:

- The device is not intended for use by children or persons with reduced physical, sensory or mental abilities. Lack of experience and knowledge may pose a potential danger during use. Therefore, such persons should use the air purifier only under the explicit instruction and supervision of another person responsible for safety. This person should also ensure that children do not play with the unit. Cleaning and maintenance work must never be carried out by children without supervision.
- If the power cable is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person to avoid danger.

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# IMPORTANT

In order to prevent the user or any other person from being harmed, the warnings and precautions listed must be observed.

**WARNINGS** Non-observance or abuse of these regulations can lead to death.

**PRECAUTIONARY MEASURES** Non-observance or misuse of these regulations may lead to violations..

**FORBIDDEN** PLEASE NOTE

Note: If the power cord is damaged or technical problems occur, please make sure the air purifier is turned off, unplug the power cord, and contact your dealer or alfa Service Hotline. Continued operation despite technical problems may result in equipment failure, electric shock, fire, or the like.

## Warning notice



Please avoid children using or touching the air purifier without supervision.



Never insert or remove the mains plug with wet hands. This may cause electric shock.



Do not make any technical changes, modifications or repairs to the air purifier. Failure to do so may result in damage or fire. In case of problems, please contact the seller of your unit or the alfa service hotline.



If possible, do not use extension cords or additional plug connections. The air purifier may only be operated with the specified voltage. Otherwise there is a risk of fire!



Insert the mains plug completely into the socket. Doing so may result in heat, fire, or electric shock. Do not use damaged plugs or defective sockets.



Avoid water on the surface of the device. This may result in a short circuit or electric shock.



Disconnect the air purifier from the power supply before cleaning or maintenance work. Doing so may cause the unit to start suddenly, resulting in electric shock or personal injury.



Do not insert metallic or other objects into the device. This may result in injury or electric shock.



Do not attempt to repair yourself if the cable or power plug is damaged. This may result in a short circuit, electric shock, or fire. Please return the air purifier to your dealer for repair or contact the alfa service hotline.



Dust on the plug can weaken the insulation and cause fire. Unplug the plug from the outlet and clean and then he'd take it with a dry cloth. Please disconnect the air purifier from the power supply if you will not be using it for a long time.

## Precautions



Do not switch on the air purifier when using insecticides in the room.



Do not use the appliance in rooms with flame soot, such as in the kitchen. This may result in damage to the appliance and cause health problems.



Do not blow flammable substances or smoke from lit cigarettes into the device. This may cause fire.



Do not use the air purifier in wet areas or in rooms with high humidity or high temperatures, such as bathrooms. Failure to do so may result in electric shock or fire.



Keep the air purifier away from alcohol, organic impregnants or insecticides. This may result in mechanical damage, short circuits, electric shock, injury or fire.



Please ensure adequate ventilation when working with fire or heat sources in the room.



Please handle the plug directly when pulling the mains plug and do not pull on the cable. Doing so may result in a short circuit, electric shock, or fire.



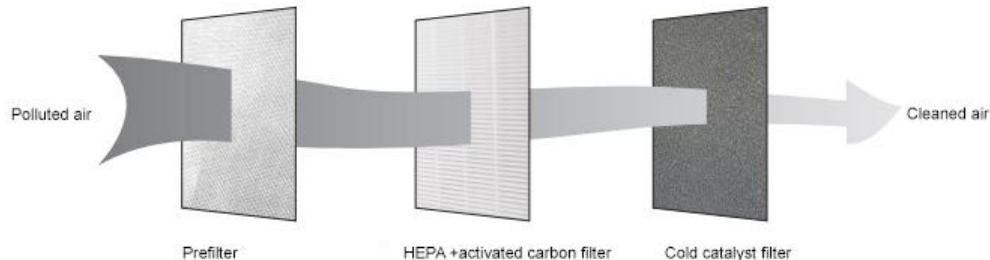
If the following situations happen, please disconnect the device from the power supply immediately:

- The touch panel switches do not work
- The power cord or plug is hot
- The device causes strange odours, extraordinary noises or vibrations
- Unusual functions or failures of the device occur

## Filter Cleaning Technology

A four-stage filter system consisting of a prefilter, HEPA particle filter (H12), absorbing activated carbon and a cold catalysis filter ensures highly efficient cleaning of the room air. With an efficiency of over 99.5% at a particle size of  $0.3 \mu\text{m}$ , the air purifier not only filters fine dust, pollen, mould spores and flying house dust, but also removes unpleasant odours and gaseous pollutants such as volatile organic compounds, formaldehyde and xylene from solvents.

An ionizer that can be switched on generates negatively charged ions and thus ensures a "refreshing of the room air" (capacity  $5,000,000 / \text{cm}^3$ ).



# PRODUCT DESCRIPTION

## Features

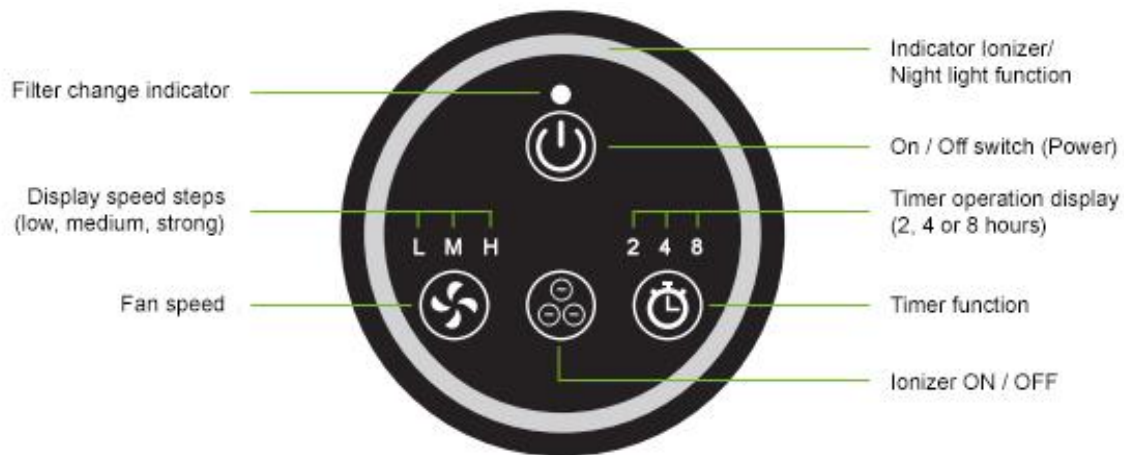
- Choice between three power levels and quiet sleep mode operation possible
- Timer for interval operation of 2, 4 or 8 hours operating time
- Filter change indicator as automatic reminder for a regular filter change
- Switchable ionizer with additional night light function

## Components





## Control panel



## Installation instructions

- When installing the air purifier, maintain a minimum distance of 30 cm from the air inlet and outlet on all sides to walls and furniture.
- Do not use the air purifier in front of hot sources such as heaters, stoves or similar appliances.

### Connection to power supply

The air purifier is connected to the mains by means of an external power supply unit which is included in the scope of delivery (DC direct current power supply unit).

Socket for power supply



External power supply unit



Please operate the air purifier exclusively with the DC power supply included in the scope of delivery and do not use any other external power supplies. First insert the plug of the power supply unit into the socket for the mains cable on the air purifier before plugging the power plug into the socket. Please make sure that all connectors are connected correctly.

## Filter replacement

### The filter change indicator

When the filter change indicator lights up, it indicates that the filter's service life is nearing its end. Please insert a new replacement filter as soon as possible to ensure continued efficient operation. After replacing the filter, press the "Timer" button for 3 seconds. This will reset the filter change indicator and stop glowing.

Replacement filters can be ordered comfortably in our online shop <https://www.allergiker-shop-alfda.de> under the article number 159910.

**IMPORTANT NOTE:** The activated carbon in the filter has a limited shelf life. Please take this into account when stocking. Activated carbon also decomposes without the air purifier being in operation. We therefore recommend changing the filter after 12 months at the latest, even if you only use the air purifier occasionally.

### Replacing the filter

1. Turn off the air purifier and unplug the power cord from the wall outlet. Place the appliance face down on a flat surface. Unscrew the cover by turning the cover counterclockwise.
2. Remove the plastic film from the new filter.
3. Now insert the new filter into the air purifier.
4. Then remount the cover by pressing lightly and tighten the cover clockwise.
5. Turn the air purifier back to its original position so that the unit stands on the bottom of the base cover.



# OPERATION & FUNCTION



## On/Off switch (Power)

Press the on/off switch (Power) to switch the air purifier on or off.

Child-Lock: Press and hold the Power button for 5 seconds until the air purifier beeps once. This will lock the touch panel and protect the unit from unwanted setting changes. You can release the lock by pressing the on/off switch again for 5 seconds. A short beep will also confirm that the lock has been released.



## Fan speed selection

Press the fan speed button to select between low, medium and high power levels. At low power levels, the fan rotates at a low speed, so that quiet operation of the device is guaranteed. At the high power level, the fan rotates at maximum speed, which produces the maximum of airflow. Each time the fan speed button is pressed, the power level is changed: from low to medium from medium to high

Sleep mode: The sleep mode is the night mode. Press the fan speed button for 2 seconds. A short beep signals the activation of the sleep mode. The fan speed is reduced to a minimum so that extremely quiet operation is guaranteed. In addition, all light sources on the display are deactivated. By pressing any button, you can switch the sleep mode off again (see figure 2).



### **Set operating time (timer)**

By pressing the "Timer" key, you activate the interval mode. You can choose between an operating time of 2, 4 or 8 hours. Each press of the button changes the operating time from 2 hours to 4 hours and from 4 hours to 8 hours. The air purifier stops operation as soon as the selected operating time is reached.



### **Ionizer (with night light function)**

If you press the "Ionizer" key, the switchable ionizer is activated in addition to the filter function. This produces negatively charged oxygen ions and thus ensures a "refreshing of the room air" (capacity 5,000,000 / cm<sup>3</sup>). When the ioniser is switched on, the colour ring on the control panel illuminates green. You can also use this function as a night light. Press the "Ioniser" button again to switch it off and the colour ring illumination goes out.

## **CLEANING & MAINTENANCE**

**ATTENTION:** Please be sure to disconnect the mains plug from the socket before carrying out any cleaning or maintenance work on the air purifier

- Clean the housing of the air purifier with a damp cloth and wipe it dry afterwards.
- If the unit is very dirty, you can also use a neutral cleaning agent. Please dilute this before use.
- Never clean the air purifier with solvents, petrol, alcohol or the like. This can lead to deformation or discoloration of the housing.
- The filter element can be carefully cleaned at regular intervals with a vacuum cleaner. Replace the filter when the filter change indicator lights up. A saturated filter only achieves a reduced to no cleaning performance.
- After replacing the filter, press the "Timer" button for 3 seconds. This will reset the filter change indicator and it will stop glowing.

# PROBLEM SOLVING

If there is an issue with the device, please check the following points before contacting our customer service:

<b>Problem</b>	<b>Points to check</b>	<b>Troubleshooting action</b>
No function	Is the power cable connected?	Connect the connecting cable to the mains.
Odours cannot be filtered.	Are there strong or permanent odour sources in the room?  Has the maximum service life of the HEPA activated carbon filter been reached?	Ensure sufficient fresh air supply before commissioning the air purifier.  Replace the filter.
Device is too loud.	Has the plastic film been removed from the filter element?  Has the maximum service life of the HEPA activated carbon filter been reached?	Remove the filter from its plastic packaging and reinsert it into the unit.  Replace the filter.
Only low filter performance.	Is the space too large for the intended performance air purifier?	Use the air purifier only in rooms with a maximum room size of 22 m <sup>2</sup> .

## TECHNICAL DATA

Model	ALR100
Power supply	primary 220-240V 50 Hz / secondary 24V / 1A
Power consumption (Sleep / Min. / Med. / Max.)	3,5 / 4 / 7,5 / 22 W
CADR max.	108 m <sup>3</sup> /h
Air output (Sleep / Min. / Med. / Max.)	45 / 80 / 110 / 150 m <sup>3</sup> /h
Sound level dB(A) (Sleep / Min. / Med. / Max.)	28 / 33 / 40 / 50 dB (A)
Net weight	1,7 kg
Dimensions (L x W x H)	206 x 206 x 420 mm
Recommended room size optimal / maximum	16 / 22 m <sup>2</sup>

### **4in1 multifunctional filter**

Dimensions (Ø x H)	125 x 225 mm
Time of use (service life)	Approx 12 months

## WARRANTY TERMS

Our products are subject to strict quality control. If the air purifier you have purchased still does not function properly, we regret this very much and ask you to contact our authorised customer service.

The warranty period is 2 years from the date of purchase. The warranty applies to the country to which the air purifier was delivered by the specialist dealer. During the warranty period, we will repair or replace equipment that is defective due to defects in materials or workmanship, at our

option. Replaced equipment or parts of equipment become our property. The warranty services do not extend the warranty period for replaced parts, nor do they initiate a new warranty.

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

**The following steps are necessary to assert the guarantee:**

Please contact our customer service by E-Mail ([verkauf@alfda.de](mailto:verkauf@alfda.de)) and describe the problem. Please include your name and the invoice number of the proof of purchase. If a return is agreed, return the unit securely packaged at your expense to the customer service. Enclose a copy of the proof of purchase on which you note the defect. If the defect is within the scope of our warranty, you will receive a repaired or new device back postage paid.

**Warranty claims are excluded for damages caused by:**

- Abuse or improper treatment
- External influences (moisture, grease, heat, overvoltage, dust, etc.)
- Failure to observe the safety precautions applicable to the device
- Non-observance of the operating instructions
- Use of force (e.g. impact, shock, fall)
- Interventions that were not carried out from a service address authorized by us
- Unauthorized repair attempts
- Returned in packaging that is not safe for transport

Furthermore, filter inserts and batteries are not covered by warranty as they are consumables.

Defects or damage to the device not (or no longer) covered by the warranty will be repaired against reimbursement of costs if necessary. For an individual offer, please contact our customer service. In this case the shipping costs are at your expense.



# NOTES ON DISPOSAL

## Old electrical appliances should not be disposed of with household waste!

In accordance with Directive 2002/96/EC and national laws, electrical and electronic equipment must be disposed of separately from general household waste by the authorities designated for this purpose. This can be done by returning the device when purchasing a similar one or by returning it to an authorised collection point for the recycling of old electrical and electronic equipment. Please dispose of batteries from the remote control separately as described below:

### Notes on battery disposal

In connection with the sale of batteries or the delivery of devices containing batteries, we are obliged to inform you of the following:

You are legally obliged to return used batteries as an end user. You can return old batteries which we carry or have carried as new batteries in our range free of charge to our dispatch warehouse (Wörth 19, 94034 Passau).

The symbols shown on the batteries have the following meaning:

The symbol of the crossed-out dustbin means that the battery must not be disposed of with household waste.

Pb = Battery contains more than 0.004% lead by mass.

Cd = battery contains more than 0,002 % cadmium by mass

Hg = battery contains more than 0,0005 % mercury by mass

Please note the above information.



# NOTES

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# SERVICE-ADDRESS



**Address:**

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Wörth 19  
DE-94034 Passau

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E-Mail: [verkauf@alfda.de](mailto:verkauf@alfda.de)



## SATISFIED?

If you are satisfied with your alfa product let the world know:



Tell your family and friends from alfa



Share your experience in an Amazon review -> [amzn.to/2WzmixW](https://amzn.to/2WzmixW)



Follow us on Social-Media -> [alfa\\_passau](#)



## NOT SATISFIED?

We are not satisfied until you are:

If you have any questions, problems or feedback, please contact our customer support. We will try to find a satisfactory solution for you as soon as possible.

Hotline: +49 (0) 851 - 85 16 38 88

E-Mail: [info@alfa.de](mailto:info@alfa.de)