

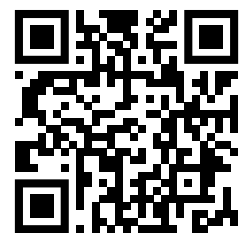


Calistair

Science for healthy air.

CALISTAIR C300 QUICK START GUIDE

Invented in France
Made in Germany



www.calistair-C300.com
Email: kontakt@calistair.com

SAFETY INSTRUCTIONS

- Read the translation of the original operating instructions carefully before commissioning and keep them in a safe place.
- Improper use can damage the device and cause personal injury.
- Operate the device only for the intended purpose and under the permissible conditions.

1. PRODUCT OVERVIEW

1.1. YOUR PERSONAL AIR DECONTAMINATION PLANT

Congratulations!

With the Calistair C300 you have purchased a high-performance system that uses the innovative Calistair Technology to destroy microorganisms, gases and volatile organic compounds. It is able to clean your room air of almost all air pollutants and thus make a considerable contribution to your general well-being.

1.2. MODE OF OPERATION

The Calistair C300 is a decontamination plant with a highly effective technology for air decontamination.

On the surface of the specially coated reactor honeycomb plates inside the device, UVC radiation from the lamps stimulates a catalytic reaction. This reaction causes organic compounds such as harmful gases, bacteria, viruses, fungal spores and unpleasant odorous substances to be decomposed at molecular level and be thus neutralised.

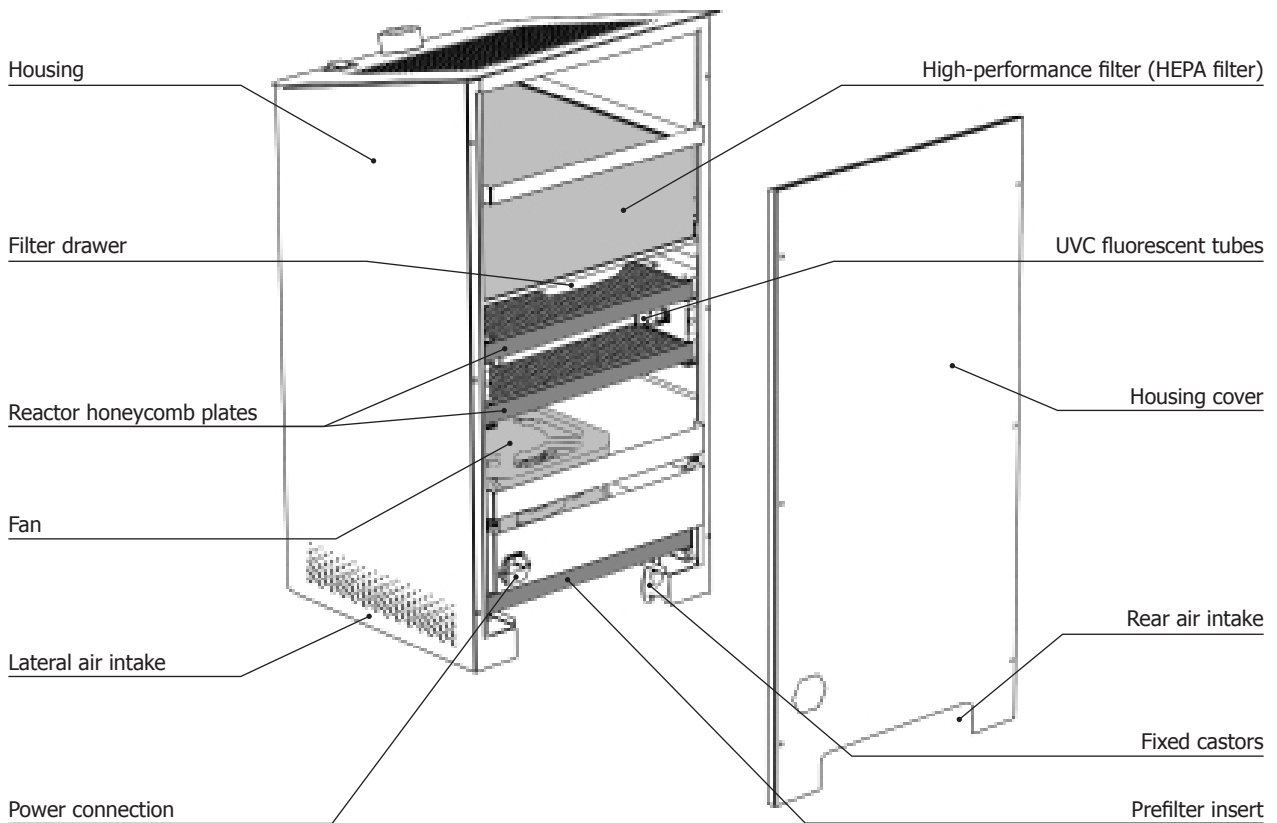
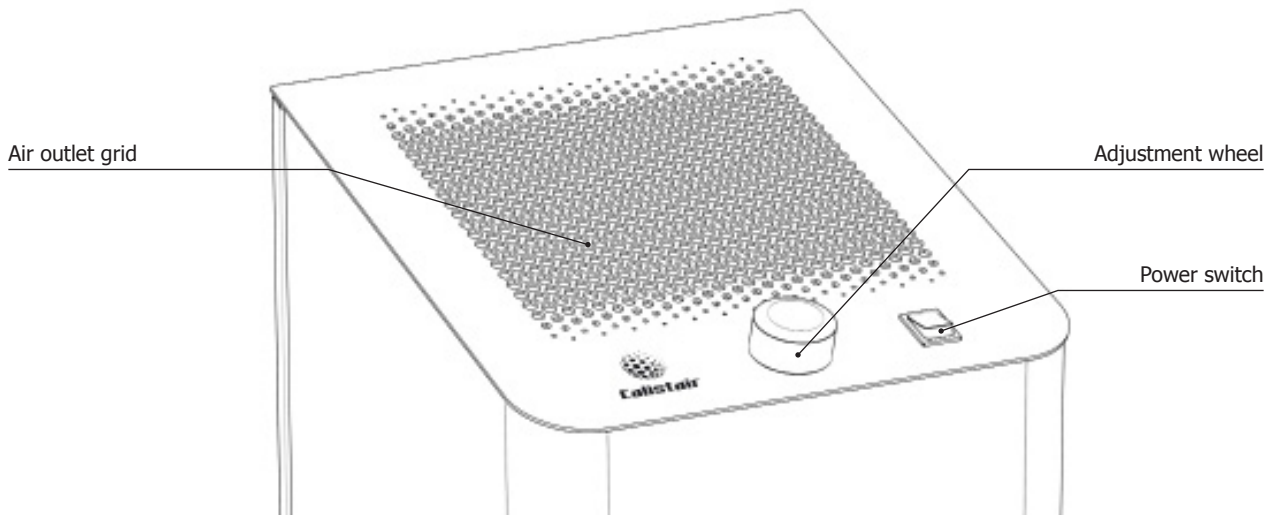
This technology ensures a very high performance even with pollutants where conventional filter air purifiers or pure UV air clarifiers fail. For example the elimination of formaldehyde from the breathing air, which many pieces of furniture or floor coverings release over time.

The prefilter on the underside filters coarse particles from the air, such as house dust, fluff or hair. This means that the interior of the device remains largely free of coarse dust.

With the high-performance filter, the room air can also be cleaned of fine dusts, allergens and mineral air pollutants such as soot particles.

For more information on Calistair technology and cleaning performance, please visit www.calistair-C300.com

1.3. SYSTEM COMPONENTS



1.4. INDOOR AIR QUALITY

Air quality is an essential factor for general well-being and can have a major impact on health, power of concentration and performance. An air purifier can significantly improve indoor air quality, but should not be the only measure to do so. In principle, the following additional measures are recommended to improve air quality:

- Always ensure that there is a sufficient supply of fresh air so that there is enough oxygen (O₂) in the air you breathe and that the carbon dioxide concentration (CO₂) does not become too high, as this can lead to fatigue and impair the ability to concentrate.
- If possible, ensure that the air humidity is between 40 % and 60 %, as excessively dry air can lead to irritated mucous membranes and eyes, which among other things increases susceptibility to infection.
- Eliminate or reduce possible causes of air pollution or pollutants as much as possible.
- Ensure that the measures for fresh air supply and air treatment are appropriate for the size of the room. It may be necessary to use several devices.

1.5. LOCATION SELECTION

When selecting a suitable location, consider the following factors for an optimal result to improve air quality:

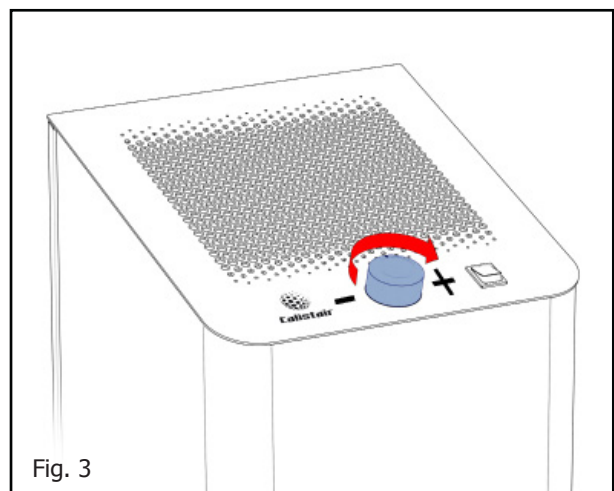
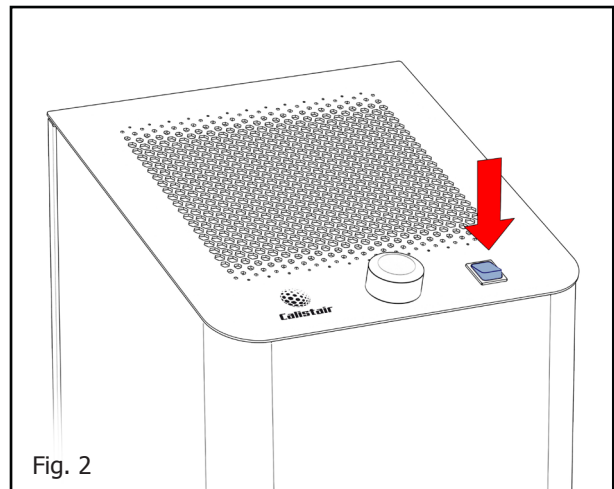
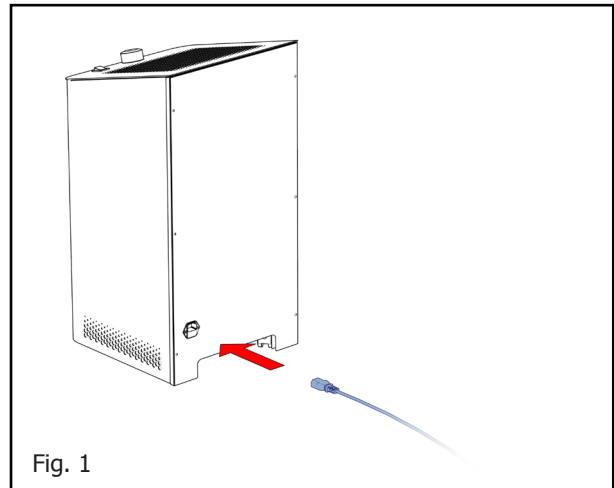
- The device should be at least 20 cm away from the wall or other objects on all sides so that the air intake is not disturbed.
- The device should have at least 50 cm free space at the top so that the air can be blown off undisturbed.
- The system should be placed on a stable, dry and level surface in such a way that neither the device nor the power cable presents a tripping hazard.
- The control panel and housing cover should be easily accessible.
- The air should be able to circulate more or less unhindered in the room.

2. COMMISSIONING

2.1. USE

Before commissioning, make sure that the device is completely assembled and free of damage.

- A. Place device at a suitable location.
- B. Connect power cable to device (Fig. 1).
- C. Connect power plug to a grounded socket.
- D. Switch on device (Fig. 2).
- E. Select air flow via adjustment wheel (Fig. 3).



NOTE

The air performance of the device depends, among other things, on the degree of saturation of the filters and can therefore decrease over time. It is therefore essential that you observe the necessary maintenance intervals.



Use the power switch to turn off the device completely when not in use, otherwise the UVC fluorescent tubes will continue to glow, reducing their life.

3. MAINTENANCE

3.1. CLEANING THE DEVICE

Only clean the outside of the device if necessary. Observe the following instructions for external cleaning:

- Switch off the device and unplug the power plug from the socket.
- Only use a dry or minimally moistened cloth.
- Do not use aggressive or abrasive cleaning agents, since this can damage the surfaces.
- Always make sure that no moisture enters the device.

Due to the prefilter and the sterilising technology, neither cleaning nor disinfection should normally be necessary inside.

3.2. MAINTENANCE INTERVALS

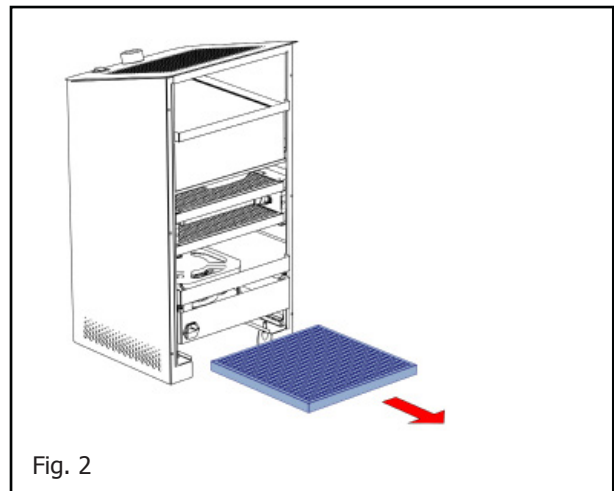
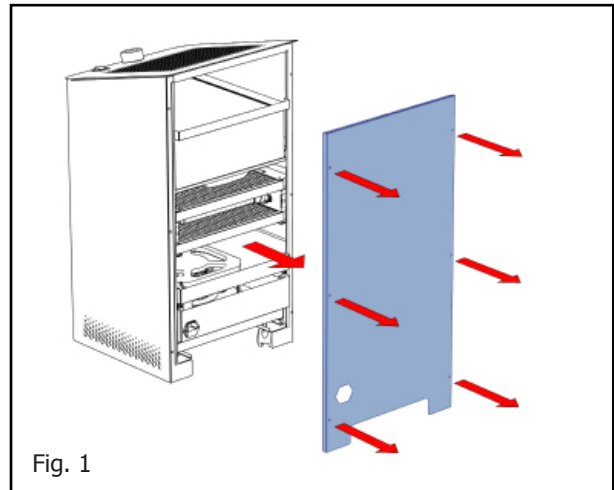
To ensure smooth operation of your device, certain wear parts must be checked at and / or replaced at regular intervals:

- Depending on the environment, the prefilter must be checked at regular intervals. Therefore, check the degree of saturation of the prefilter after approx. 3 months at the latest and replace the prefilter before it is completely saturated.
How quickly the prefilter saturates depends among others on the following factors:
 - performance level of the air purifier
 - amount of dust in the environment
 - amount of textiles or carpets in the environment
 - number of people and animals in a room
 - number of air purifiers in a room
- If the device is used daily, the high-performance filter (HEPA filter) must be replaced after approx. one year at the latest. Replace the high performance filter before it is completely saturated.
- UVC fluorescent tubes are subject to natural ageing. If used daily, they must be replaced after one year at the latest, otherwise the germicidal effect is no longer guaranteed, even if the UVC fluorescent tubes are still visibly illuminated.
- For all maintenance work, it is recommended that you wear work gloves and a face mask for self-protection.

3.3. CHANGE PREFILTER

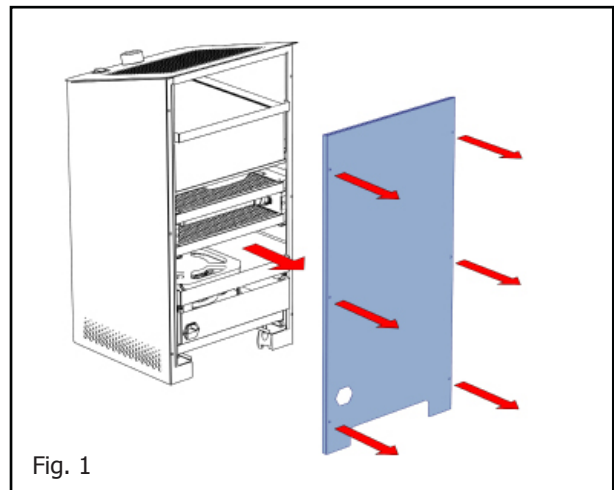
- A. Switch off device.
- B. Pull power plug.
- C. Loosen screws on the housing cover with suitable tool.
- D. Remove housing cover (Fig. 1).
- E. Pull the prefilter insert out of the mounting on the underside of the housing (Fig. 2).
- F. Push the new prefilter insert into the mounting up to the stop.
- G. Attach housing cover.
- H. Check seal for correct seating.
- I. Tighten screws.

Device is ready for operation.

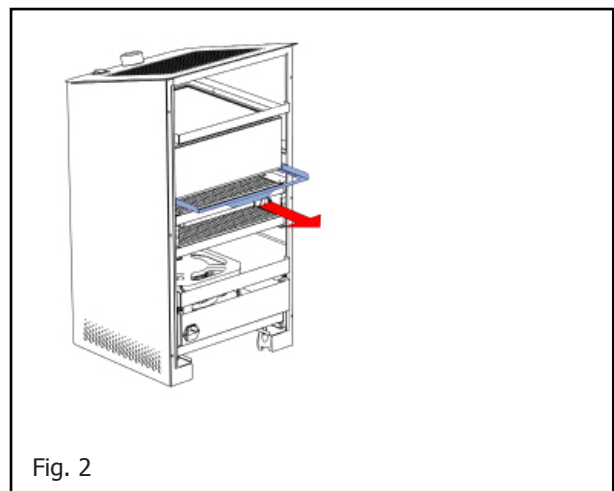


3.4. CHANGE HIGH-PERFORMANCE FILTER

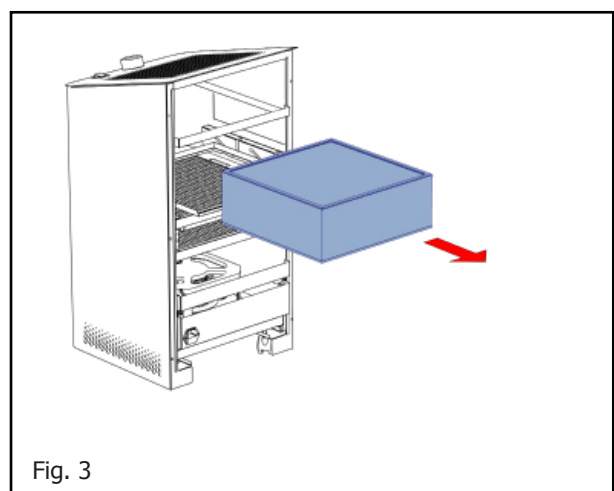
- A. Switch off device.
- B. Pull power plug.
- C. Loosen screws on the housing cover with suitable tool.
- D. Remove housing cover (Fig. 1).
- E. Pull the filter drawer forward on the metal tab up to the stop (Fig. 2).



- F. Remove filter (Fig. 3).
- G. Put used the filter in a plastic bag and seal it.
- H. Place new filter on the filter drawer with the seal facing upwards and push the filter into the housing up to the stop.
- I. Push filter drawer into the housing until it audibly clicks into place on both sides.



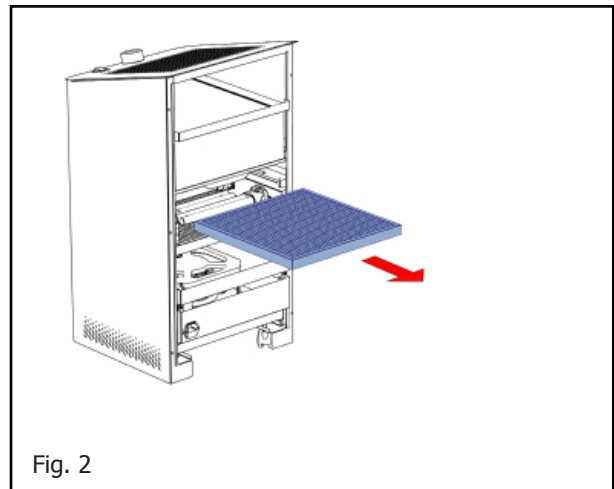
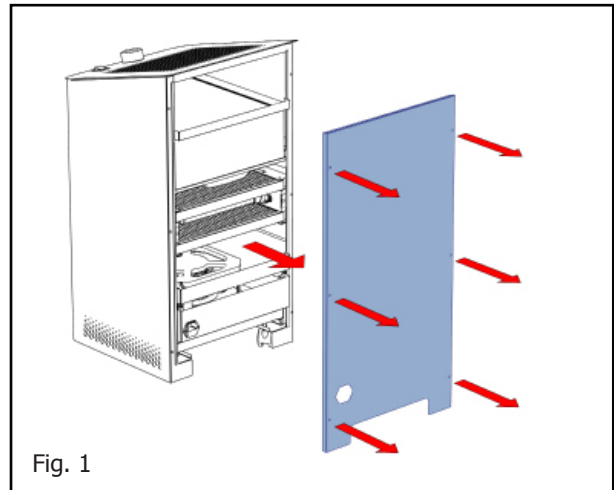
- J. Attach housing cover.
- K. Check seal for correct seating.
- L. Tighten screws.



Device is ready for operation.

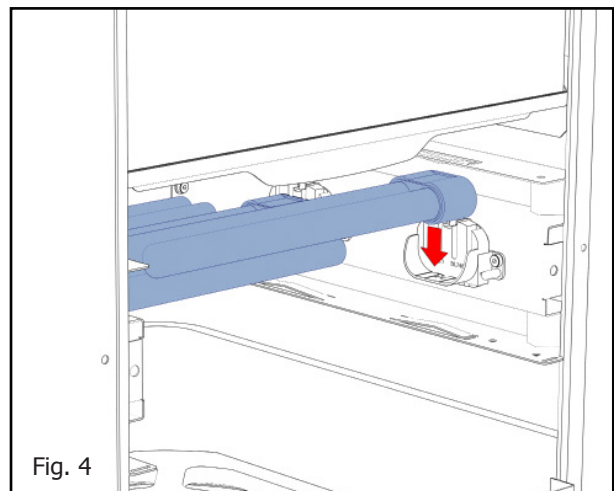
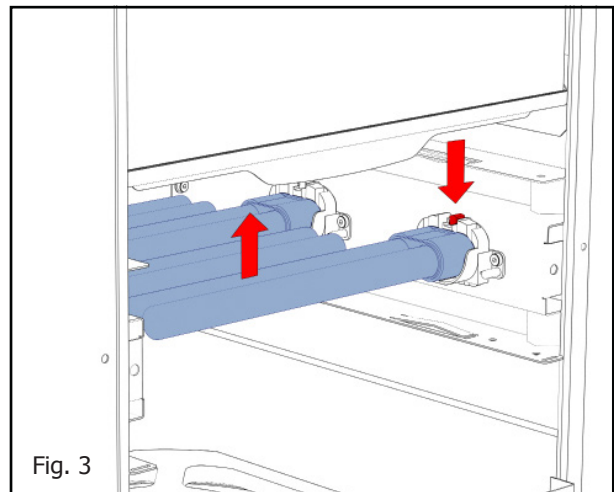
3.5. CHANGE UVC FLUORESCENT TUBES

- A. Switch off device.
- B. Pull power plug.
- C. Let device cool down for at least 30 minutes.
- D. Loosen screws on the housing cover with suitable tool.
- E. Remove housing cover (Fig. 1).
- F. Carefully pull the upper reactor honeycomb plate out of the mounting (Fig. 2).



- G. Hold fluorescent tube with one hand.
- H. With the other hand, press the red button on the lamp socket completely until the UVC fluorescent tube can be easily removed upwards.
- I. Remove all fluorescent tubes in this way (Fig. 3).
- J. Press new UVC fluorescent tubes with the contact pins into the lamp sockets from above until they audibly click into place (Fig. 4).
- K. Push upper reactor honeycomb plate carefully into the mounting until it stops.
- L. Attach housing cover.
- M. Tighten screws.

Device is ready for operation.





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