

# AIRGOCLEAN® 250 E

EN

INSTRUCTIONS  
AIR CLEANER



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**Information on the use of these instructions**

**Symbols**



**Warning of electrical voltage**

This symbol indicates dangers to the life and health of persons due to electrical voltage.



**Warning**

This signal word indicates a hazard with an average risk level which, if not avoided, can result in serious injury or death.



**Caution**

This signal word indicates a hazard with a low risk level which, if not avoided, can result in minor or moderate injury.

**Notice**

This signal word indicates important information (e.g. material damage), but does not indicate hazards.



**Info**

Information marked with this symbol helps you to carry out your tasks quickly and safely.



**Follow the manual**

Information marked with this symbol indicates that the instructions must be observed.

You can download the current version of the instructions and the EU declaration of conformity via the following link:



Airgoclean® 250 E



<https://hub.trotec.com/?id=44775>

**Safety**

**Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use.**



**Warning**

**Read all safety warnings and all instructions.**

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

- Do not use the device in potentially explosive rooms or areas and do not install it there.
- Do not use the device in an aggressive atmosphere.
- Do not operate the device near open fire or gas appliances.
- Place the device in an upright and stable position on horizontal and stable ground.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device to directly squirting water.
- Do not expose the device to liquids as it is not protected against splash water.
- Never insert any objects or limbs into the device.
- Do not cover the device during operation.
- Do not sit on the device.
- This appliance is not a toy. Keep away from children and animals.

- Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
- Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!
- The mains connection must correspond to the specifications in the Technical annex.
- Insert the mains plug into a properly fused mains socket.
- Observe the technical data when selecting extensions to the power cable. Completely unroll the extension cable. Avoid electrical overload.
- Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket. Hold onto the mains plug while doing so.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Do not under any circumstances use the device if you detect damages on the mains plug or power cable. If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.  
Defective power cables pose a serious health risk!
- When positioning the device, observe the minimum distances from walls and other objects as well as the storage and operating conditions specified in the Technical annex.
- Make sure that the air inlet and outlet are not obstructed.
- Make sure that there are no loose items or dirt located in the immediate surroundings of air inlet and air outlet.
- Do not remove any safety signs, stickers or labels from the device. Keep all safety signs, stickers and labels in legible condition.
- Do not expose the device to heat or direct sunlight.
- Make sure that the suction side is kept free of dirt and loose objects.
- Dispose of replaced filters properly.
- Never use the device as storage place or footstep.
- Do not use the automatic mode if the device is used for virus filtration.

### Intended use

Use the device for cleaning the air as well as for odour elimination (ionization) in interior spaces only whilst adhering to the technical data and safety instructions.

Any use other than the intended use is regarded as misuse.

### Reasonably foreseeable misuse

- Do not place the device on wet or flooded ground.
- Do not place any objects, e.g. clothing, on the device.
- Do not use the device out of doors.
- Do not use the device in bathrooms and rooms with a high humidity level.
- Do not use the device in rooms where large amounts of dust are produced, e.g. in production halls, workshops or on construction sites.
- Moreover, the integrated filter system is not suited for removing dusts that are potentially harmful to health (e.g. pollutants) from the air.
- Do not make any unauthorised modifications, alterations or structural changes to the device.

### Personnel qualification

People who use this device must:

- be aware of the dangers that occur when working with electrically driven air cleaners.
- have read and understood the instructions, especially the Safety chapter.

### Residual risks



#### Warning of electrical voltage

Work on the electrical components must only be carried out by an authorised specialist company!



#### Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!  
Do not touch the mains plug with wet or damp hands. Hold onto the mains plug while pulling the power cable out of the mains socket.



#### Warning

Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way! Observe the personnel qualifications!



#### Warning

The device is not a toy and does not belong in the hands of children.



#### Warning

Risk of suffocation!  
Do not leave the packaging lying around. Children may use it as a dangerous toy.

#### Notice

Do not operate the device without a HEPA carbon filter inserted!

**Notice**

Do not operate the device without an air filter inserted into the air inlet!

Without the air filter, the inside of the device will be heavily contaminated. This can reduce the performance and result in damage to the device.

**Notice**

Do not use abrasive cleaners or solvents to clean the device.

**Behaviour in the event of an emergency**

1. Switch the device off.
2. Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
3. Do not reconnect a defective device to the mains.

**Information about the device****Device description**

The device serves to filter the room air with the aim of reducing slight and medium contaminations and odours in order to improve the air quality. It is equipped with a powerful fan sucking in the air. The air flows through the filter and is cleaned. Afterwards the fan releases the clean air back into the room.

The device contains a 2-in-1-filter on each side, consisting of a HEPA and carbon filter. Each 2-in-1 filter has a separate prefilter.

The prefilters (made of synthetic fibre) filter out large dust particles before the air flows into the HEPA filters. The device uses the HEPA filter to clean the air of bacteria, viruses, pollen, dust mite residues, mould fungus spores and other allergens.

The integrated HEPA carbon filters with activated carbon are effective against house dust, pet allergens, cigarette smoke, smog and particles which can carry smells and viruses.

The device is equipped with an air quality sensor to display the air quality and control air purification automatically.

The device is equipped with an automatic mode, night mode and turbo mode.

The device has a fully automatic ionisation function in turbo mode. In addition, the device is equipped with an on-demand plasma function. The released ions, radicals and electrons remove pollen, dust, viruses and bacteria from the room air. Thanks to this air purification method, the quality of the room air can be additionally improved.

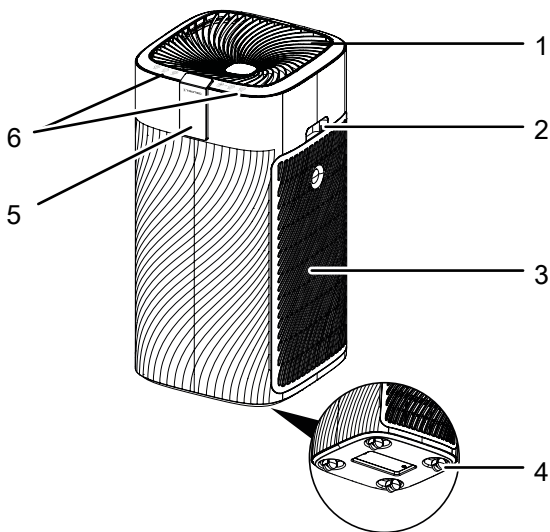
The four-stage fan (with turbo mode) and the uncomplicated, quick filter change ensure easy operation.

Thanks to its compact dimensions, the device can be transported conveniently. Due to its quiet operation, the device can also be used in rooms where people are present.

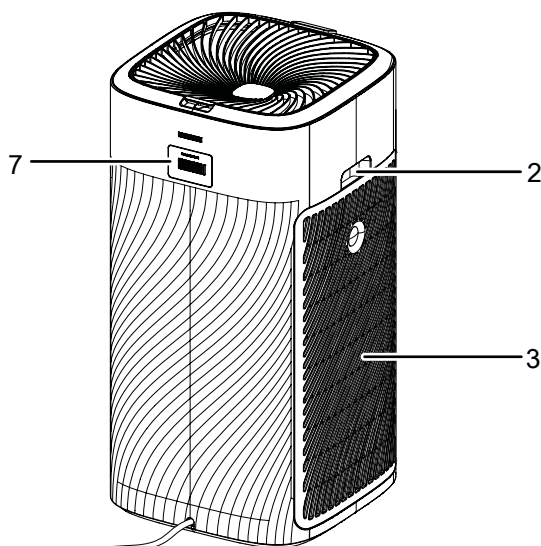
The device is equipped with a control panel for operation and a digital display for controlling the functions.

## Device depiction

### Front view



### Rear view



| No. | Designation                                     |
|-----|---|
| 1   | Air outlet                                      |
| 2   | Transport handle                                |
| 3   | Air inlet with prefilter and HEPA carbon filter |
| 4   | Wheel   |
| 5   | Segment display                                 |
| 6   | Control panel                                   |
| 7   | Air quality sensor                              |

## Transport and storage

### Notice

If you store or transport the device improperly, the device may be damaged.  
Note the information regarding transport and storage of the device.

### Transport

To make the device easier to transport, it is fitted with a carry handle.

To make the device easier to transport, it is fitted with wheels.

**Before** transporting the device, observe the following:

- Switch the device off.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
- Do not use the power cable to drag the device.
- Only wheel the device on firm and level surfaces.

**After** transporting the device, proceed as follows:

- Set up the device in an upright position after transport.

### Storage

When the device is not being used, observe the following storage conditions:

- Store the device in a dry location and protected from frost and heat.
- Store the device in an upright position where it is protected from dust and direct sunlight.
- If required, use a cover to protect the device from invasive dust.

## Assembly and start-up

### Scope of delivery

- 1 x Device
- 2 x HEPA carbon filter
- 2 x Prefilter
- 1 x Manual

### Unpacking the device

1. Open the cardboard box and take the device out.
2. Completely remove the packaging.
3. Fully unwind the power cable. Make sure that the power cable is not damaged and that you do not damage it during unwinding.

### Start-up

The HEPA carbon filters are pre-installed.

#### Notice

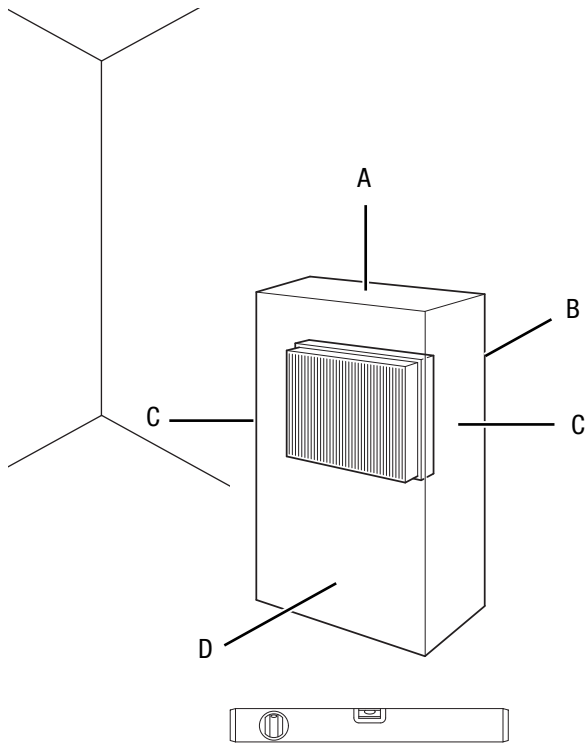
Remove the plastic cover from the HEPA carbon filters. To do so, please proceed as described in the chapter Changing the HEPA carbon filter.

When positioning the device, observe the minimum distance from walls or other objects as described in the chapter Technical annex.

- Before restarting the device, check the condition of the power cable. If there are doubts as to the sound condition, contact the customer service.
- Place the device in an upright and stable position on horizontal and stable ground.
- Do not create tripping hazards when laying the power cable or other electric cables, especially when positioning the device in the middle of the room. Use cable bridges.
- Ensure that the extension cables are completely unrolled.
- Position the device near the source of air contamination.
- When positioning the device, keep a sufficient distance to heat sources.
- Make sure that no curtains or other objects interfere with the air flow.
- Make sure that the air inlet and outlet are not obstructed.

### Connecting the power cable

- Connect the mains plug to a properly secured socket.



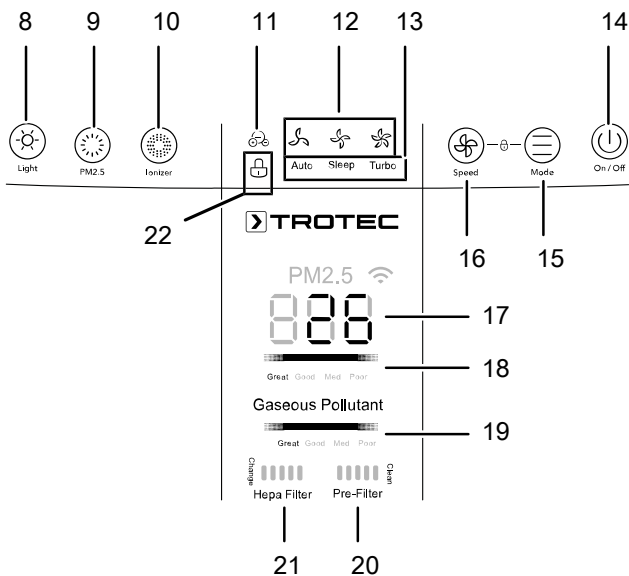


## Operation

### Notice

Avoid open doors and windows.

### Control panel



| No. | Designation    | Meaning   |
|-----|----------------|---|
| 8   | Light button   | Setting the control panel illumination  |
| 9   | PM 2.5 button  | Button for indicating the PM 2.5 fine dust value when the device is in automatic mode   |
| 10  | Ionizer button | Switching the plasma function on or off<br>Press the button for 3 seconds if you want to reset the <i>HEPA carbon filter degree of contamination</i> LED (21) or <i>Prefilter degree of contamination</i> LED (20) after a filter change. |
| 11  | Ionizer LED    | Illuminated when the plasma function is activated   |
| 12  | Speed LED      | Illuminated according to the selected fan stage: <ul style="list-style-type: none"> <li>•  = stage 1 (low)</li> <li>•  = stage 2 (medium)</li> <li>•  = stage 3 (high)</li> </ul>   |

| No. | Designation                                    | Meaning  |
|-----|--|--|
| 13  | Operating modes LED                            | Illuminated according to the selected operating mode: <ul style="list-style-type: none"> <li>• <i>Automatic mode</i></li> <li>• <i>Night mode</i></li> <li>• <i>Turbo mode</i></li> </ul>          |
| 14  | On/Off button                                  | Switching the device on or off   |
| 15  | Mode button                                    | Selecting the operating modes  |
| 16  | Speed button                                   | Setting the fan speed  |
| 17  | Fine dust value indication LEDs                | Indication of the pollution with particulate matter  |
| 18  | Air quality fine dust value LED                | Illuminated according to the measured air quality: <ul style="list-style-type: none"> <li>• blue = very good</li> <li>• green = good</li> <li>• orange = medium</li> <li>• red = poor</li> </ul>   |
| 19  | Air quality gaseous pollutants LED             | Illuminated according to the measured air pollution: <ul style="list-style-type: none"> <li>• blue = very good</li> <li>• green = good</li> <li>• orange = medium</li> <li>• red = poor</li> </ul> |
| 20  | Prefilter degree of contamination LED          | Indicates the degree of contamination of the prefilters. The indication <i>Clean</i> is illuminated in red when the prefilters have to be cleaned.   |
| 21  | HEPA carbon filter degree of contamination LED | Indicates the degree of contamination of the HEPA carbon filters. The indication <i>Change</i> is illuminated in red when the HEPA carbon filters have to be replaced.                             |
| 22  | Lock button                                    | Switching the locking function on and off  |

### Switching the device on

Once you have completely installed the device as described in the chapter Assembly and start-up, you can switch it on.

1. Press the *On/Off* button (14) to switch the device on.
  - ⇒ The device emits an acoustic signal.
  - ⇒ The *Speed* LED (12) lights up. When the device is switched on, it will start at the last selected fan speed.
  - ⇒ The device measures the air quality within 3 minutes. The *air quality* LED (19) is illuminated.

**Setting the operating mode**

The device comes with the following operating modes:

- Automatic mode
- Night mode
- Turbo mode
- Fan only

**Automatic mode**

When in automatic mode, the device automatically detects the air quality.

Please proceed as follows to set the automatic mode:

- ✓ The device is switched on.
- 1. Press the *Mode* button (15) until the *Auto* LED (13) is displayed.
  - ⇒ The device is now running in automatic mode.

If the device is in automatic mode while it is getting dark, the light detection function will react and automatically put the device into night mode.

When the brightness increases, the display illumination will also increase and the fan speed will return to the level last set.

The *Air quality fine dust value* LED (18) or the *Air quality gaseous pollutants* LED (19) is illuminated.

**Air quality: fine dust value**

| <b>Air quality fine dust value LED</b>      | <b>Fine dust value indication (PM2.5 value)</b> |
|---|---|
| Illuminated in blue (very good air quality) | 0–55  |
| Illuminated in green (good air quality)     | 56–100  |
| Illuminated in orange (medium air quality)  | 101–150   |
| Illuminated in red (poor air quality)       | > 150   |

**Air quality: gaseous pollutants**

| <b>Air quality gaseous pollutants LED</b>   |
|---|
| Illuminated in blue (very good air quality) |
| Illuminated in green (good air quality)     |
| Illuminated in orange (medium air quality)  |
| Illuminated in red (poor air quality)       |

Please proceed as follows to switch off the automatic mode:

1. Press the *Mode* button (15) until the *Auto* LED (13) goes out.
  - ⇒ The device switches over to the next operating mode.



**Info Automatic mode and virus filtration**

Do not use the automatic mode if the device is used for virus filtration!

The integrated sensors only respond to air pollution caused by fine particulates, pollen or possibly VOC (organic chemical compounds). The device cannot determine the virus load inside the room. It is possible that the automatic mode indicates "good air quality" even though the virus load in the room is very high. Therefore, when using the device for virus filtration, we recommend that you always select a fixed performance level adapted to the room size or the required circulation rate.

**Night mode**



**Info** In night mode, the ionization function cannot be added.

In night mode, the control panel is dimmed and the device generates an air current that is adapted to your sleep habits.

Proceed as follows to switch on night mode:

- ✓ The device is switched on.
- 1. Press the *Mode* button (15) until the *Sleep* LED (13) is displayed.
  - ⇒ The *Sleep* LED (13) is illuminated.
- 2. Press the *Mode* button (15) again to switch off the night mode.

**Turbo mode**

**Notice**

In turbo mode, the room air is automatically disinfected by means of negative ions. This additional function is only available with activated turbo mode.

In *turbo* mode, the fan runs at the highest fan speed.

- ✓ The device is switched on.
- 1. Press the *Mode* button (15) until the *Turbo* LED (13) is illuminated.
- 2. Press the *Mode* button (15) again to switch off the turbo mode.

**Fan only**

In *ventilation* mode, you can select all fan speeds manually.

Please proceed as follows to select the fan stages:

- ✓ The device is switched on.
- 1. Select the desired speed by pressing the *Speed* button (16).
  - ⇒ The *Speed* LED (12) of stage 1, 2 or 3 is illuminated.
  - ⇒ Each time the buttons are operated, an acoustic signal is emitted.



### Switching the locking function on and off

The locking function prevents the buttons on the control panel from being used.

Please proceed as follows to lock the control panel:

- ✓ The device is switched on.
- 1. Simultaneously press the *Speed* button (16) and the *Mode* button (15) for 3 seconds.
  - ⇒ After approx. 3 seconds, an acoustic signal is emitted.
  - ⇒ The locking function is activated.
  - ⇒ The buttons on the control panel cannot be used.
- 2. Press the *Speed* button (16) and the *Mode* button (15) for 3 seconds again to deactivate the function.
  - ⇒ The device switches back to the previous operating mode.

### Plasma function

The plasma function serves to filter out pollen, dust, viruses and bacteria from the room air by means of the HEPA carbon filter.

Please proceed as follows to activate the plasma function:

1. Press the *Ionization* button (10) to activate the plasma function.
  - ⇒ The *Ionizer* LED (11) is illuminated.
  - ⇒ The device starts to filter the room air.
2. Press the *Ionization* button (10) again to deactivate the plasma function.
  - ⇒ The *Ionizer* LED (11) goes out.

### Lighting

You can reduce the luminous intensity of the LEDs if you want to operate the device at night. You can set high or medium illumination, or switch the lighting off.

1. Press the *Light* button (8) to select the desired brightness level.

### Shutdown



#### Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch off the device by pressing the *On/Off* button (14).
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.
- Clean the device according to the Maintenance chapter.
- Store the device according to the Transport and storage chapter.

### Available accessories



#### Warning

Only use accessories and additional equipment specified in the instructions. Using insertion tools or accessories other than those specified in the instructions may cause a risk of injury.

| Designation                                   | Article number |
|---|----------------|
| HEPA carbon filter, filter efficiency 99.97 % | 7.160.000.539  |
| Prefilter                                     | 7.160.000.538  |

## Errors and faults

The device has been checked for proper functioning several times during production. If malfunctions occur nonetheless, check the device according to the following list.

### Notice

Wait for at least 3 minutes after maintenance and repair work. Only then switch the device back on.

### The device does not start:

- Check the power connection.
- Check the power cable and mains plug for damage.
- Check the on-site fusing.
- Check the air inlet (3) and air outlet (1) for proper fit.

### The device is loud or vibrates:

- Check whether the device is set up in a stable and upright position.
- Check the device cover for proper fit.

### The device gets very warm, is loud or is losing power:

- Check the air inlet and air filter for dirt. Remove external dirt.

### The device works with reduced capacity:

- Check the HEPA carbon filter for dirt. If necessary, clean or replace the HEPA carbon filter.
- The prefilter is soiled and has to be cleaned. The *Clean* LED (20) is illuminated in red. Clean the prefilter (see chapter Operation and chapter Maintenance).
- The air outlet is obstructed. Make sure that the air outlet is not blocked. Remove any loose objects from the air outlet.
- The HEPA carbon filter's plastic cover was not removed before installation. Take the HEPA carbon filter out of the plastic cover.

### The device works with no capacity or the air quality does not improve:

- Check whether any windows and/or doors of the room are open. If so, close them.
- The HEPA carbon filter is not installed. Install the HEPA carbon filter.
- Check the minimum distance to walls or other objects. Position the device a little more in the room's centre if required.

### The *air quality* LED is illuminated in red for a longer period of time:

- Check the air quality in the room. The air in the room may be heavily contaminated. Wait for a few minutes to see whether the colour of the *air quality* LED changes.
- The air quality sensor is clogged or soiled. Windows and doors should be closed, otherwise dust and other contamination is able to enter the room. Clean the air quality sensor as described in the Maintenance chapter.

### The device gives off an unpleasant odour:

- Check the HEPA carbon filter for dirt. If necessary, clean or replace the HEPA carbon filter.
- Smoke, e.g. dense tobacco smoke, odours and contaminations may be in the air. Ventilate the room.

### The *Prefilter degree of contamination* LED (20) is illuminated in red and the indication *Clean* appears:

- Clean the prefilters as described in the Maintenance chapter.

### The *HEPA carbon filter degree of contamination* LED (21) is illuminated in red and the indication *Change* appears:

- Change the HEPA carbon filters as described in the Maintenance chapter.

### The device still does not operate correctly after these checks:

Please contact the customer service. If necessary, bring the device to an authorised specialist electrical company or to the manufacturer for repair.

## Maintenance

## Maintenance intervals

| Maintenance and care interval  | before every start-up | as needed | at least every 2 weeks | at least every 4 weeks | at least every 6 months | at least annually |
|--|-----------------------|-----------|------------------------|------------------------|-------------------------|-------------------|
| Check air inlets and outlets for dirt and foreign objects and clean if necessary | X                     |           |                        | X                      |                         |                   |
| Clean the exterior   |                       | X         |                        |                        |                         | X                 |
| Visually check the inside of the device for dirt                                 |                       | X         |                        |                        |                         | X                 |
| Check the filter for dirt and foreign objects and clean or replace if necessary  | X                     |           | X                      |                        |                         |                   |
| Replace the HEPA carbon filter   |                       | X         |                        |                        | X                       |                   |
| Clean the prefilter  |                       | X         |                        |                        |                         |                   |
| Check for damage   | X                     |           |                        |                        |                         |                   |
| Check the attachment screws  |                       | X         |                        |                        |                         | X                 |
| Test run   |                       |           |                        |                        |                         | X                 |

## Maintenance and care log

Device type: .....

Device number: .....

| Maintenance and care interval  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| Check air inlets and outlets for dirt and foreign objects and clean if necessary |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Clean the exterior   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Visually check the inside of the device for dirt                                 |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Check the filter for dirt and foreign objects and clean or replace if necessary  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Clean the prefilter  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Replace the filter   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Check for damage   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Check the attachment screws  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| Test run   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |

|                                     |                                     |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Date: .....<br>Signature: .....  | 2. Date: .....<br>Signature: .....  | 3. Date: .....<br>Signature: .....  | 4. Date: .....<br>Signature: .....  |
| 5. Date: .....<br>Signature: .....  | 6. Date: .....<br>Signature: .....  | 7. Date: .....<br>Signature: .....  | 8. Date: .....<br>Signature: .....  |
| 9. Date: .....<br>Signature: .....  | 10. Date: .....<br>Signature: ..... | 11. Date: .....<br>Signature: ..... | 12. Date: .....<br>Signature: ..... |
| 13. Date: .....<br>Signature: ..... | 14. Date: .....<br>Signature: ..... | 15. Date: .....<br>Signature: ..... | 16. Date: .....<br>Signature: ..... |

**Activities required before starting maintenance**



**Warning of electrical voltage**

Do not touch the mains plug with wet or damp hands.

- Switch the device off.
- Disconnect the device from the mains by removing the mains plug from the socket. When doing so, be sure to hold the plug, not the cable.



**Warning of electrical voltage**

Tasks which require the device to be opened must only be carried out by authorised specialist companies or by the manufacturer.

**Cleaning the housing**

Clean the housing with a soft, damp and lint-free cloth. Make sure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

**Notice**

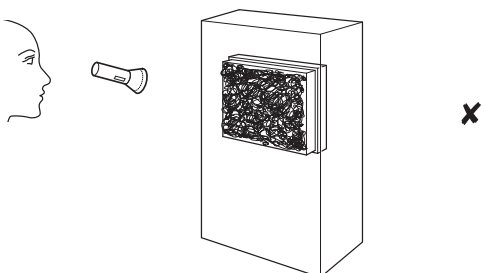
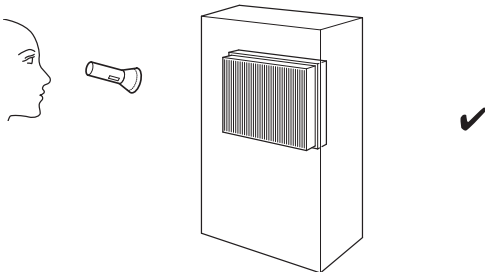
Clean the air outlet if required. Remove it from the device and clean it with a soft, damp and lint-free cloth.

**Notice**

Clean the air quality sensor if required. Carefully clean it from the outside with a soft, damp and lint-free cloth.

**Visual inspection of the inside of the device for dirt**

1. Remove the air filters.
2. Use a torch to illuminate the openings of the device.
3. Check the inside of the device for dirt.
4. If you see a thick layer of dust, clean the inside of the device with a vacuum cleaner.
5. Reinsert the air filters.



**Changing the HEPA carbon filter**

**Notice**

Do not operate the device without the HEPA carbon filters inserted!

**Notice**

The HEPA carbon filters cannot be cleaned and must be replaced if necessary.

**Notice**

The lifetime of the HEPA carbon filters depends on the ambient conditions and the application period of the device.

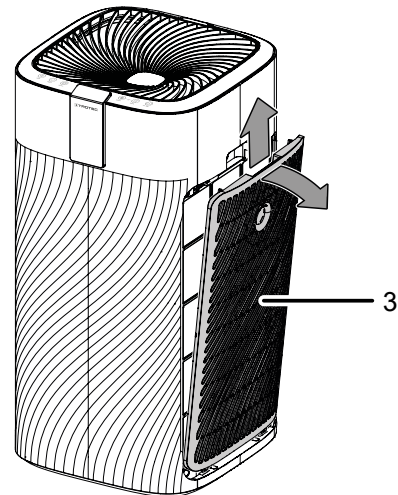
- The HEPA carbon filters have to be replaced as soon as they are dirty. This is brought to light e.g. by a reduced capacity (see chapter Errors and faults).
- Make sure that the HEPA carbon filters and the prefilters are installed before switching the device on.
- Without the HEPA carbon filters and the prefilters, the device cannot fulfil its air cleaner function, and the inside of the device will be soiled.

The HEPA carbon filters have to be replaced in case of heavy soiling. The *HEPA carbon filter degree of contamination (21)* is illuminated.

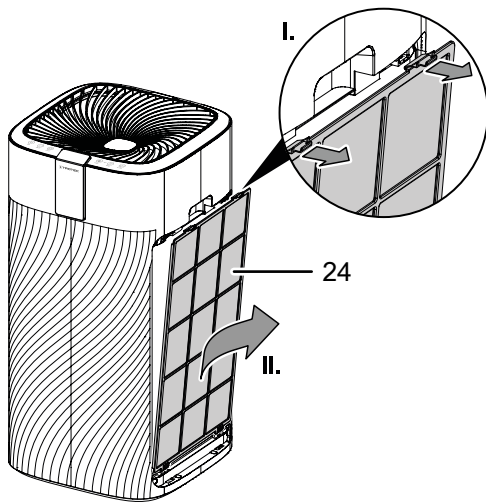
If required, visually inspect the HEPA carbon filters and prefilters for dirt.

Please proceed as follows on both sides of the device:

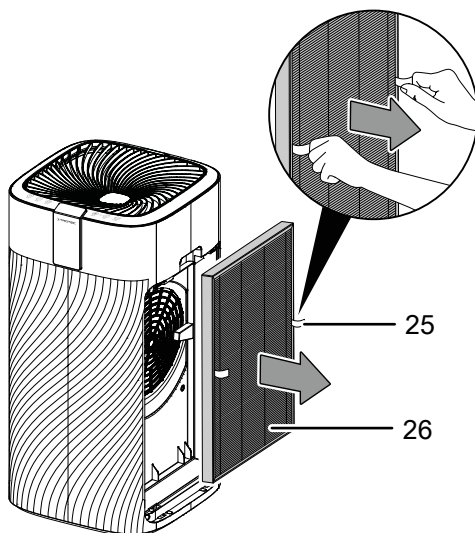
1. Remove the air inlet (3) from the device.



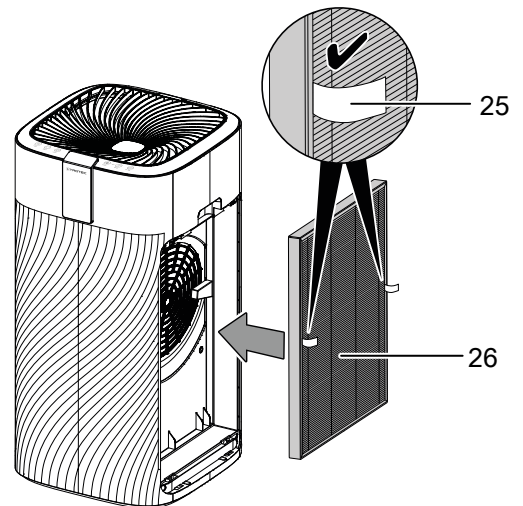
2. Remove the prefilter (24) from the device.



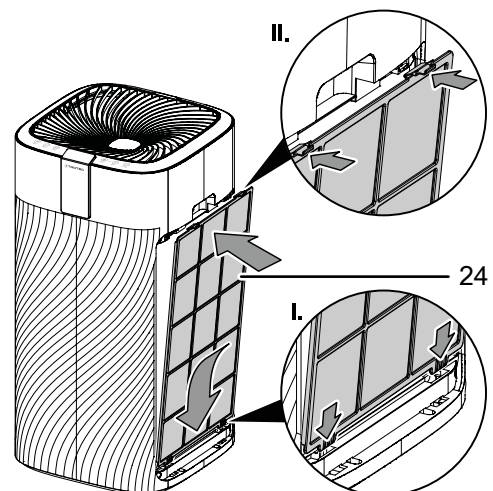
3. Pull the strips (25) to take the HEPA carbon filter (26) out of the device.



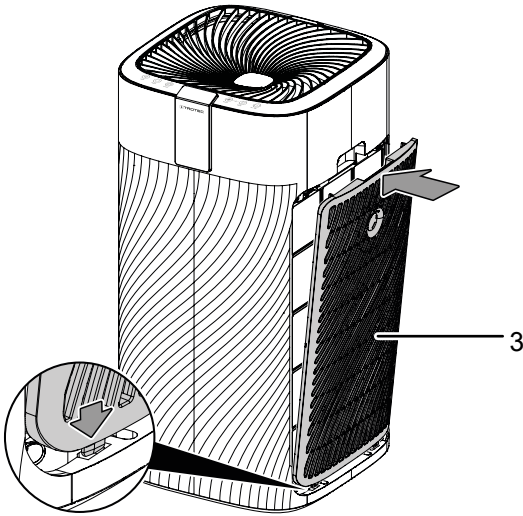
4. Dispose of the HEPA carbon filter according to the national regulations.
5. Take the new HEPA carbon filter out of the plastic cover.
6. Insert the new HEPA carbon filter (26) into the device. Make sure that the strips (25) are positioned on the outside.



7. Reinsert the prefilter (24) into the device.



8. Put the air inlet (3) back on the device.



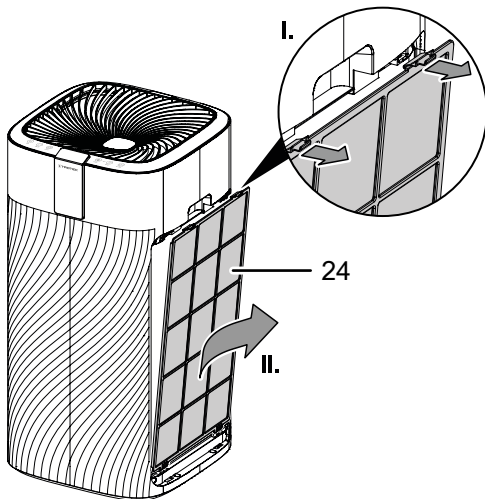
9. Press the *Ionizer* button (10) for 3 seconds to reset the HEPA carbon filter or prefilter.

**Cleaning the pre-filters**

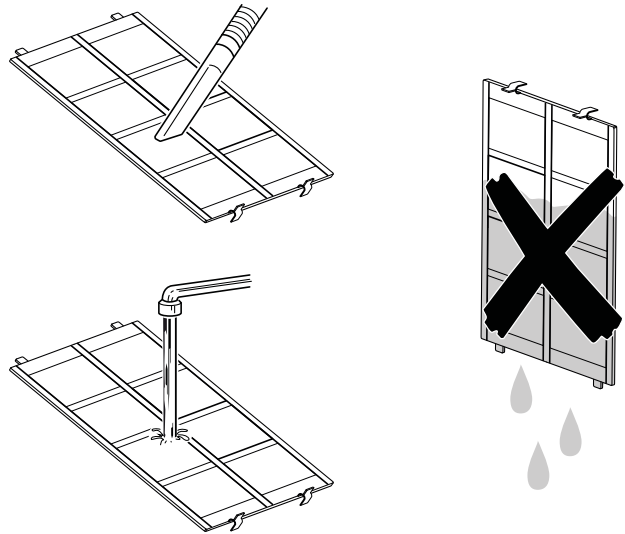
If the *Prefilter degree of contamination* LED (20) lights up and the indication *Clean* appears, the prefilters must be cleaned (see chapter Operation and chapter Errors and faults).

Please proceed as follows on both sides of the device:

1. Remove the prefilter (24) from the device.



2. Clean the filter using a slightly damp, soft, lint-free cloth. If the filter is heavily contaminated, clean it with warm water mixed with a neutral cleaning agent.



3. Allow the filter to dry completely. Do not insert a wet filter into the device!
4. Reinsert the prefilter into the device.
5. Press the *Ionizer* button (10) for 3 seconds to reset the prefilter.

**Activities required after maintenance**

If you want to continue using the device:

- Reconnect the device to the mains.

If you do not intend to use the device for a considerable time:

- Store the device according to the Transport and storage chapter.



## Technical annex

### Technical data

| Parameter                                       | Value                    |
|---|--------------------------|
| <b>Model</b>                                    | <b>AirgoClean® 250 E</b> |
| Air flow rate with HEPA carbon filter           |                          |
| Fan stage I                                     | 384 m <sup>3</sup> /h    |
| Fan stage II                                    | 503 m <sup>3</sup> /h    |
| Fan stage III                                   | 624 m <sup>3</sup> /h    |
| Turbo mode                                      | 740 m <sup>3</sup> /h    |
| Ambient temperature                             | -10 °C to 45 °C          |
| Operating range                                 | 0 % to 95 % RH           |
| Mains connection                                | 220–240 V / 50 Hz        |
| Power consumption                               | 45 W                     |
| Nominal current                                 | 0.17 A                   |
| Sound pressure level (1 m distance, turbo mode) | 46.3 dB(A)               |
| Dimensions (length x width x height)            | 360 x 360 x 710 mm       |
| Minimum distance to walls and other objects     |                          |
| A: top  | 30 cm                    |
| B: rear   | 30 cm                    |
| C: side   | 30 cm                    |
| D: front  | 30 cm                    |
| Weight  | 12 kg                    |

### Disposal

Always dispose of packing materials in an environmentally friendly manner and in accordance with the applicable local disposal regulations.



The icon with the crossed-out wheeled bin indicates that this device and any associated components must not be disposed of with household waste at the end of their life, in accordance with the Waste Electrical and Electronic Equipment Directive (2012/19/EU) and national laws.

You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration. You can also find out about other return options that apply for many EU countries on the website <https://hub.trotec.com/?id=45090>. Otherwise, please contact an official recycling centre for electronic and electrical equipment authorised for your country.

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling and other forms of recovery of waste equipment as well as to prevent negative effects for the environment and human health caused by the disposal of hazardous substances potentially contained in the equipment.

#### Only for United Kingdom

According to Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) devices that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

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