



AEROGUARD 4S

AIR PURIFIER



Instruction manual

Safety Instructions

Please read these safety instructions carefully before use and keep them for future reference.

Attention!

- Make sure that no water, other liquids or flammable detergents get inside the device.
- Do not spray flammable materials, such as insecticides or fragrances in or around the device.

Warning

- Operate this device only in accordance with the instruction manual.
- Check before operating whether the voltage indicated on the bottom of the device matches the local mains voltage.
- This appliance can be used by children aged 8 or over and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised when using or have received instructions for using the machine safely and understand the possible dangers. Children should not play with this device. The cleaning and maintenance must not be carried out by children unless supervised by an adult.
- Do not use the device if the cord or plug is damaged. In such cases, ensure that repairs are only carried out by authorised Lux Service personnel.

Caution

- Make sure that the air inlet and outlet vents are not obstructed. Do not place objects on top of the device and do not sit on it.
- Make sure that there is at least 30 cm space around the air purifier.
- Always use the air purifier on a dry, stable, level and horizontal surface.
- Ensure that all filters are unpacked and inserted correctly before switching on the device.

- Use only ORIGINAL Lux spare parts and filters.
- Do not use the device after using insect repellents or in places where chemical vapours are present or where incense sticks are burning.
- Do not place the device directly under an air conditioner to avoid condensation dripping onto it.
- Do not place the device beneath a smoke detector.
- Do not operate the device near gas-powered devices, heaters or open fires.
- Do not use the device in areas with extreme temperature fluctuations as this can lead to the formation of condensation inside the unit.
- Do not operate the device outdoors or in moist environments.
- If the device is not in use for a longer period of time, it is possible that bacteria may form on the filters. Check all filters thoroughly before operating again. Replace filters if necessary.
- Before cleaning the device or changing the filter, turn off the device and disconnect it from the electricity.
- In order to avoid injury to the eyes, do not stare into the UV light while the device is in operation.
- When using the optional Aroma function, only use ORIGINAL Lux accessories and only those essences recommended by Lux.
- The air cleaner does not remove carbon monoxide (CO) or radon (Rn).
- Maintenance and repairs should only be performed by authorized Lux Service personnel.

Warranty Note

- The warranty and extended warranties are only valid if Lux ORIGINAL spare parts, accessories and consumables are used.
- Repairs during the warranty period must be performed by authorized Lux Service personnel.
- The extended warranty (according to statutory liability) only applies if the dust container and filters are replaced by Lux ORIGINAL consumables within a reasonable time once shown on the LCD display.

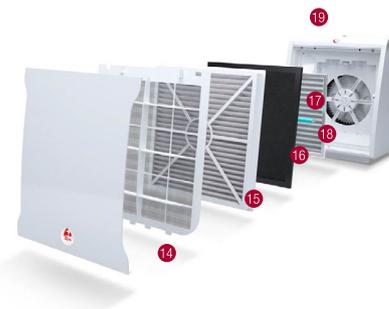
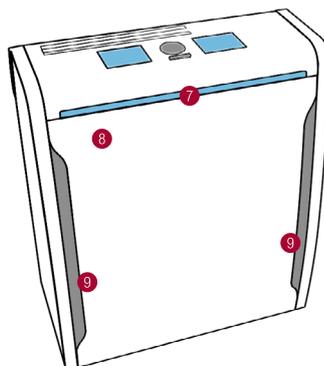
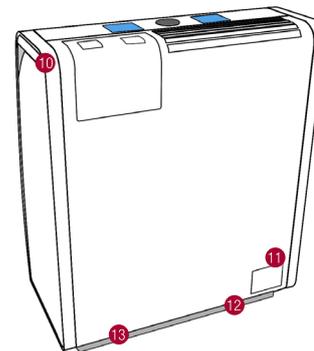
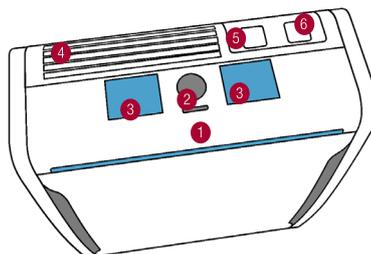
The manufacturer reserves the right to make changes to the product described in this manual at any time without prior notice.



This symbol on the product or packaging indicates that this product must not be disposed of with normal household waste within the EU. In order to avoid possible negative consequences for the environment and health caused by improper waste disposal, please recycle this product responsibly in order to support the sustainable reuse of materials used in the construction. To return your used product safely, please use a designated recycling collection point or contact the dealer from whom the product was purchased.

Overview

- 1 On / Off Switch
- 2 Operation Button
- 3 Displays
- 4 Air Outlet
- 5 Aroma Compartment
- 6 Humidifier Outlet (optional)
- 7 Light Bar
- 8 Front Cover
- 9 Air Inlet
- 10 Handle
- 11 Dust Sensor
- 12 Power Cord
- 13 Docking station for Humidifier
- 14 Pre Filter
- 15 Swiss HEPA™ Filter
- 16 Active Carbon Filter
- 17 UV-Lamp with 360° Reflector
- 18 Nanopure+™ Technology
- 19 Duotron Technology



Filtration System

Pre Filter

The pre filter removes the coarsest particles, such as hair and fibres.

Swiss HEPA™ Filter

The Swiss HEPA™ full composite synthetic filter is a highly efficient filter capable of removing up to 99.97% of micro particles, such as fine dust, pollen and mould spores.

Active Carbon Filter

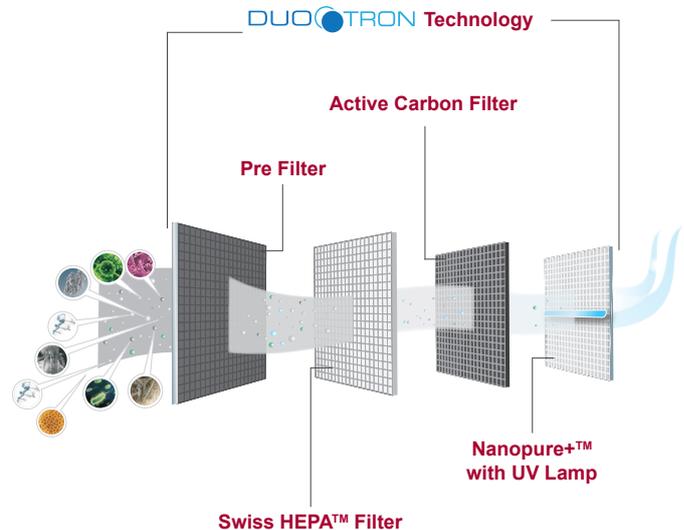
The granular activated carbon binds gases and odours of natural and chemical origin. This filtration stage is effective in reducing tobacco smoke and cooking smells.

Nanopure+™ with 360° UV Technology

The patented Nanopure+™ technology is effective in neutralising viruses and bacteria in the air and contributes to an healthy indoor air quality.

DUOTRON Technology

The Duotron system is actively reducing the growth of viruses and bacteria in the air outside of the air purifier. Viruses and bacteria will not only be drawn into the device, they will also be actively fought in the air and rendered harmless.

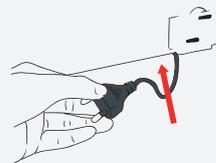
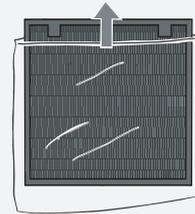
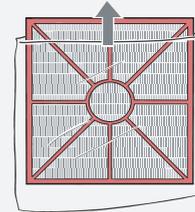


First Steps



Positioning the Air purifier

- Position the AeroGuard 4S so that the flow of air is **unhindered**.
- **Always** place the air purifier on a dry, stable, level and horizontal surface.
- Make sure that there is **at least 30 cm** space around the air purifier.
- **Do not** place the device near sources of heat, such as heaters or ovens.
- **Do not** operate the device outdoors or in moist environments.
- **Do not** place the device beneath a smoke detector.
- **Do not** place objects on top of the AeroGuard 4S.
- **Do not** operate the air cleaner in room with freshly painted (not completely dried) walls. It may discolour. If you are not sure about please monitor on a regular basis.



Start-Up of the Air Purifier

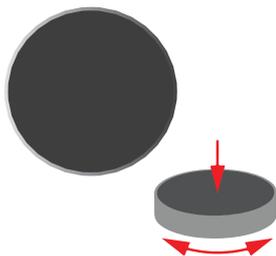
- Open the unit and remove **all packaging** from the individual filters and UV lamp.
- Ensure that all filters and the UV lamp are installed again correctly. Please read the chapter „Maintenance & Filter Change“.
- Plug the device into the electricity supply.
- Turn on the air purifier. (See chapter Operation & Functions)
- It will start immediately in the automatic mode.
- When moving your AeroGuard 4S, always ensure that the power cord is **securely stowed** in the cable compartment, the Humidifier is **not installed** and **no Lux aroma set** is in the unit.

Operation & Functions



On / Off Switch

Use this button to turn the unit on or to switch it to standby mode.



Operation Button

By **rotating** the control button, you can control the relevant mode or the respective functions.

By **pressing** the control button, you can select the appropriate mode or the respective functions.

AUTO

Automatic Mode

The air purifier continuously analyses the environmental air and automatically adjusts its speed according to the pollution in the circulating air.



Night Mode

The unit runs at the lowest speed and is therefore virtually soundless. All visual indicators and light sources are switched off.



Change Display Side

Using these symbols, you can easily switch between the two displays.



Turbo-Mode

The device operates at the maximum level to allow the maximum possible air flow. In turbo mode, the timer function is automatically switched on and you must select a time (30, 60 or 120 minutes). After the selected time, the air cleaner will automatically return back to the automatic mode.



Manual Mode

After pressing this function, you can set the speed level for your air cleaner independently by turning the knob. Additionally, you can turn on the timer function. Choose a time between 30, 60 or 120 minutes. After the selected time, the air cleaner will automatically change back to the automatic mode. You can deactivate or change the timer at any time by pressing the timer symbol.



Duotron-Technology

You can **turn off** the Duotron Technology separately.



Service Light Bar

You can turn the light bar on the front of the air cleaner on and off separately.



Locking Function

The locking function is a protection against unwanted handling. To lock, turn the dial to this symbol and hold the control button for 3 seconds. To unlock, navigate to the lock symbol and press the control button until a beep sounds.



Noise Sensor Mode

The Air Purifier continually measures the environmental noise and adjusts its speed accordingly.

Humidity Indication & Setting the Required Humidity

The number on the left shows the current air humidity. Once the optional Aeroguard humidifier is connected, you can set your desired humidity (number on the right). The device will continue to moisten the air until the desired level of humidity is reached. Then, the air humidifier will automatically regulate the air humidity, turning on and off as needed.

43% | 55

Temperatur Indication

Indicates the actual environmental room temperature.

23°C



Service Symbol

This symbol indicates that a service or filter change is necessary. Please read the chapter „Maintenance & Filter Change“.



Indoor Air Quality Display

This symbol indicates the current indoor air quality. One bar indicates very good air quality; four bars indicate poor air quality. In automatic mode, the air cleaner adjusts its speed according to the air quality.

Air Monitor



Aeroguard 4S Air Monitor

The Aeroguard 4S indicates the quality of your indoor air using the light bar on the front of the device



Blue	Very Good
Light Purple	Good
Dark Purple	Moderate
Red	Poor

Maintenance & Filter Change



We recommend that the air cleaner and its components are cleaned thoroughly every 4 weeks with a damp cloth.

Opening the Device

Turn off the device and disconnect it from the electricity supply. Open the front by pulling it forward.



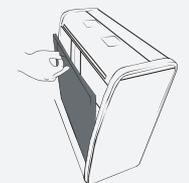
Cleaning the Pre Filter

Remove the pre filter by pressing on the clips on the top of the filter. Clean the pre filter thoroughly with a vacuum cleaner.



Changing the Swiss HEPA™ Filter

Remove the Swiss HEPA™ filter by grasping it on both sides and pulling it towards you. Replace it with a new, original Swiss HEPA™ filter.



Changing the Active Carbon Filter

Remove the filter by pulling on the filter straps. Replace the used filter with a new, original active carbon filter.



Changing the UV Lamp

Remove the 360° reflector which is located in front of the UV lamp. Remove the UV lamp by giving it a **quarter turn in the socket**. Once it is loose, pull the lamp out of the socket. Replace the used UV lamp with a **new, original** UV lamp. Place both ends into the socket and turn the lamp tube by a quarter until the **lamp locks firmly into place**.



Cleaning the Dust Sensor

Open the sensor cover on the rear panel. Using a cotton swab, **carefully** clean the sensor lenses.

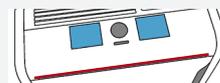


Closing, Switching on and Resetting the Device

Ensure that the filter and the UV lamp are **correctly** installed. Replace the front panel. Insert the plug into the electricity socket and switch on the device using the on/off switch. Turn to the SERVICE symbol and press the control button for 5 seconds until the symbol disappears.



NOTE: A red light bar in connection with the SERVICE symbol indicates that the HEPA filter is not installed correctly or needs replacing. When the red light bar turns on you will have two months time to replace the filters. After these 2 months without filter replacement the unit will stop operating due to safety reasons.



Special Accessories



Remote Control

You can operate the Aeroguard 4S comfortably using the remote control.



Aeroguard Humidifier*

With the humidifier, the Aeroguard 4S offers a solution for an optimal indoor climate. Thanks to the automatic adjustment of the humidity to your individual requirements, the Lux Aeroguard 4S creates a perfect feel-good atmosphere.



Lux Aroma Set*

The Lux Aroma Set is an individual solution for the scenting of your room. Perfectly matched fragrances create an atmosphere of relaxation or concentration.

Important: The use of aromas is not suitable for people with allergies.

The concentrated natural ingredients of the aromas can lead to allergic reactions.

*Optional accessory

Technical Data

Model	Aeroguard 4S
Power	220 ~ 240V 50/60Hz
Power Consumption	17-85W
Weight	9.2Kg
Dimensions	450mm x 230mm x 530mm
Max. Room Size	47m ²
Max. Airflow	566m ³ /h

Trouble Shooting

Problem	Possible Cause	Solution
The device cannot be turned on.	The device is not connected to the electricity.	Insert the plug into the electricity socket.
	The HEPA filter is not installed correctly or needs to be replaced.	Insert the HEPA filter into the device as described.
The device is on but the fan is not running.	The air cleaner filter needs to be replaced. The service indicator on the display is turned on.	Replace the air cleaner filter as described in chapter „Maintenance & Filter Change“.
The timer cannot be turned off.	For safety reasons, the timer cannot be turned off whilst the device is in the power mode.	Select another mode.
The service symbol for the UV lamp is lit up.	The UV lamp is not installed correctly.	Insert the UV lamp as described in chapter „Maintenance & Filter Change“.
	The UV lamp is lamp is broken.	Replace the UV lamp as described in chapter „Maintenance & Filter Change“.
The device is working but the filter symbol is lit up and the light bar is glowing red.	The air cleaner filter has to be replaced.	Replace the air cleaner filter as described in chapter „Maintenance & Filter Change“.
On the right hand display, only the filter symbol is visible and the device is not working.	The HEPA filter is not installed correctly or is missing.	Insert the HEPA filter into the device as described.
The device is turned on but cannot be operated.	The Locking Function is enabled.	Turn to the LOCK symbol and press the control button for 3 seconds. If this is not working, unplug the unit and plug in again for a reset.
At low level the air purifier is noisy.	The Filters are still wrapped in the packaging foil.	Remove all packaging material from every single filter.
	Something felt into the ventilator.	Switch off and unplug the unit. Remove any foreign objects from the air channel.



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