



GENANO® AIR PURIFICATION TECHNOLOGY

GENANO 310 AIR PURIFICATION DEVICE

OPERATING INSTRUCTION

This manual is for the Genano 310 log. version.

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READ OWNERS MANUAL CAREFULLY!

GENANO 310 PURIFICATION DEVICE FOR INDOOR CLIMATE

The **GENANO 310** is an air purification device based on Genano's unique GENANO TECHNOLOGY® system. Genano's patented GENANO TECHNOLOGY removes even the smallest impurities from indoor air. These impurities can consist of viruses, bacteria, mould spores, animal dander as well as traffic originated soot.

These ultra fine-particles (UFP) have recently been recognized to constitute a health hazard. UFPs easily penetrate into bronchial regions and can pass directly into the blood circulatory system. In many cases, fine-particles are the origin for cardiac and vascular discomfort, cancer and even premature death.

The GENANO TECHNOLOGY® system is equipped with a gas absorber for the removal of harmful gases. The continued use and maintenance of the 310 air purifier will ensure you a comfortable breathing environment. The GENANO 310 is self-cleaning and requires only regular filling of Genano washing fluid + water and to regularly empty the dirty flush water basin.

The GENANO 310 air purifier has been tested by independent certification organisations.



IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

When using an electric air cleaning device, basic precautions should always be followed, including the following:



DANGER

To reduce the risk of electric shock:

1. Do not reach for a plug of an air purifier device that has fallen into water. Disconnect power at source then unplug immediately.
2. Do not use in close vicinity while bathing or in a shower.
3. Do not place in heavily moist atmosphere, water or other liquid.
4. Do not place or store an air purifier device where it can fall or be pulled over.
5. Unplug this air purifier device before moving or transporting it to another location.
6. When discarding material used in this air purifier device, follow instructions issued by local authorities for disposal. See enclosed sheet for instructions.
7. Ensure that wall socket is grounded.
8. Lock the bottom basin when G310 is operated near children or pets.

IMPORTANT ! To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) terminal. This plug is only allowed to connect into a grounding type power outlet. If there is no grounded outlet installed, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

WARNING ! Due to its mode of operation the electronic air purifier may occasionally emit sparks. Never use the air purifier in a place where flammable gases or liquids or large amounts of dust may combine with air to form an explosive mixture.

CONTENTS

1 Bottle: Genano washing fluid (1 ltr)



1 Mixing/water can

OR

1 Bottle: Genonex anti-bacterial washing fluid (5ltr)



**To make refilling the 310 as easy as possible. Notice the marks on the side for easy measuring*



**only use approved Genano washing fluid in any of Genano's machines*

1 plastic basin container

**empty basin on a regular basis and clean away any remaining residue every month with a towel or soft brush*



1 GENANO 310 air purification unit with mains power cable

**contains 1 gas absorber to handle gas emissions. Make sure filter is changed annually*



DO NOT SCRATCH BASIN

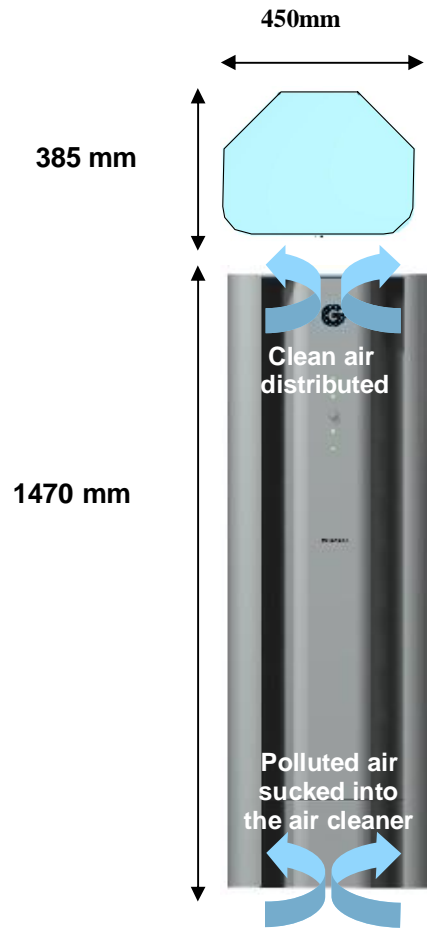
TECHNICAL FEATURES

Use:	Indoor air environment only
Dimensions:	450mm x 385mm x 1470mm
Weight, approx:	55kg
Chassis:	Aluminum, zinc coated steel
Capacity:	100-200m ³ /h
Operating voltage:	200-240V, 50/60Hz
Power consumption:	140W max
Cleaning range:	>0.001µm
Ambient temperature:	+5 - +60°C
Humidity level of air:	0 -95%
Positioning:	stand vertically on an even base or wall mount. Unit has bottom wheels for portability.



Always maintain vertical position.
NEVER USE OR STORE HORIZONTALLY
**If machine is stored horizontally then flush out all washing liquid with regular water*

Washing: Automatically runs washing cycle once a week. Always fill with GENANO washing fluid and water when the yellow **FILL WATER** light comes on. Empty the flush water basin regularly.












INSTALLATION AND OPERATING INSTRUCTIONS

PARTS AND INDICATIONS OF SYMBOLS







A. BOTTOM BASIN (basin for flush water / clean water container)

B. SIGNAL LIGHTS

- OPERATION
Green light  OK
- AUTOMATIC WASH/DRYING
Green light  
- CLOSE BASIN
Green light  
- ERROR/SERVICE
Red light  
- FILL WATER
Yellow light  



C. OPERATION SWITCHES

- MAIN SWITCH (ON/OFF)  
- POWER WASH  
- FAN SETTINGS/CAPASITY  

100m³/h to 200 m³/h
**Maximum air volume
output may vary depending
on air purification needs and
version type*

BEFORE USE

This product should always be transported in a vertical position. If transported horizontally let device dry 8 hours in vertical position before switching on.

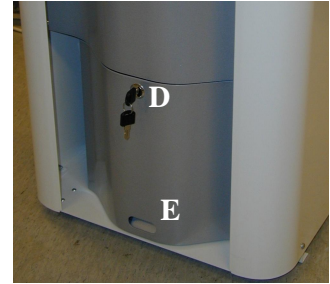
Standing vertically on a stable, even base or wall mount.




ATTENTION: NEVER USE HORIZONTALLY.

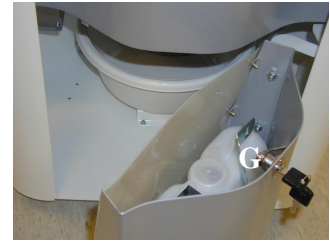
INSTALLATION

1. It is recommended to fill the water container before switching the device ON.
2. Open the bottom basin by unlocking (d) and using the attached handle (e).
3. Fill the water container (g) with water and washing fluid mixture (See instructions below) (max. about 1,5 litres)



DO NOT CONNECT VOLTAGES OTHER THAN THE FACTORY LABELED REQUIREMENT.

4. Make sure that the main switch is in the OFF position (see above). Plug the main power cable into GENANO 310 **before** you plug in the main cable into a **grounded** power socket.
5. Push the main switch into ON - position. 



LOCK THE BOTTOM BASIN WHEN OPERATED NEAR CHILDREN OR PETS

WASHING LIQUID



- ✓ Genonex is premixed so just pour into watering container and pour in container (g)



- ✓ Take 1,5 litres of distilled water and 1 dcl of **Genano washing fluid** and mix in the watering can provided

POSITIONING

When position your unit please try to observe the following:

- ✓ Position the unit where the people are working or staying for maximum effect (preferably in the center of the area).
- ✓ Do not treat unit as furniture and place in a corner for aesthetics or behind solid object for cover. The closer the unit is to the people the better results they will feel!!
- ✓ Take care of normal ventilation. Do not position G310 in rooms where is no ventilation.



Be sure to position away from air intake vents so clean air isn't drawn immediately into the air ducts.

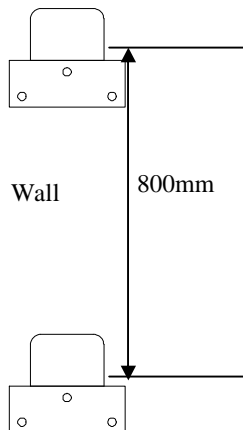
WARNING ! Due to its mode of operation the electronic air purifier may occasionally emit sparks. Never use the air purifier in a place where flammable gases or liquids or large amounts of dust may combine with air to form an explosive mixture.

WALL MOUNTING

It is possible to mount the GENANO 310 unit on the wall using brackets provided by Genano. Simply fasten the mounts to a wall capable of supporting 70kg by placing both brackets on the wall vertical to each other and 800mm apart from the metal mount (*picture 1*).

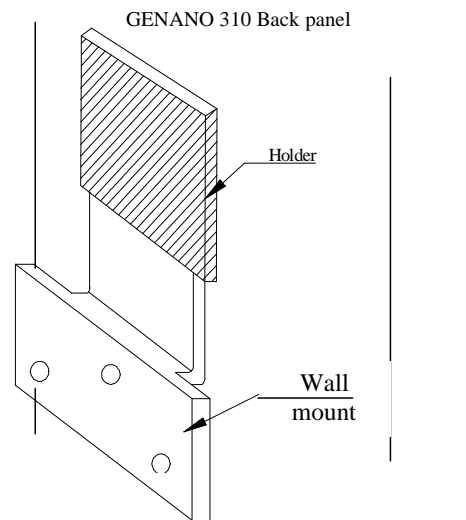
Then simply slide the unit onto the wall mounts taking care that the metal tab slides into the holders on the back of the 310 unit (*picture 2*)

Picture 1. Placing the mounting



Picture 2.

Place unit by sliding wall mount into metal holder on back of unit



OPERATION OF THE DEVICE

NORMAL OPERATION

Genano 310 is cleaning air when OK-light is illuminated.

The device efficiently collects atmospheric particles on the collection surfaces. Washing of the collection surfaces takes place automatically once a week. **Important! It is recommended to let the unit be continuously ON to ensure the weekly washing.**

During the flushing of the collection surface the green **WASH** light is on. After the flushing cycle has ended the GENANO310 starts its drying period. During the drying cycle the 310 is silent and the green **WASH** light on.



Do not open the door immediately after the wash cycle. Allow time for the washing liquid to drain into the basin.

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The washing cycle lasts about 5-10 seconds, the drying period can vary (1min . 8 hours)

**If the unit is very wet inside it could take longer to dry).*

**If the machine does not restart after a few hours then call your service representative.*

NOTE: It is normal that the **Í WASHÍ** light is on after the device has completed flushing and the device is totally quiet. The GENANO 310 continues its normal air cleaning operation automatically when the drying period is over.

RUNNING OUT OF WASHING LIQUID



The device is unable to perform the automatic washing function, if the container has run out of water*

The yellow **Í FILL WATERÍ** light is on (See signal lights)



The 310 will continue its normal air cleaning operation even if one automatic wash cycle is missed due to a lack of washing mixture. However, the device stops the air-cleaning operation if washing liquid/water is still not added after week to the wash water container.

Fill up the water container according to instructions given in the info sheet. Do not switch the unit OFF.

The yellow **Í FILL WATERÍ** light will be lit until the water container is filled.

The device turns **ON** only after the filling up of the water container with the washing mixture.

1. Add washing mixture to the water container according to the installation instructions
2. Empty and clean the flush water basin if necessary
3. Shut the bottom basin.

The device automatically starts the normal air cleaning operation after the bottom basin is closed. The **Í FILL WATERÍ** light turns off and green **OK** light illuminates again.

If the bottom basin is not closed during the operation, the green **Í CLOSE BASINÍ** light illuminates and the air cleaning operation is turned off automatically.



The device automatically continues normal operation when the bottom basin is closed and the **Í CLOSE BASINÍ** light turns off.



ERROR/SERVICE



Record all steps taken when the service light comes on. Include recent events, moves and what lights were on before the service light came on. This will help your Genano service representative identify and solve the problem quicker.

If the normal operation is disturbed, the red **ERROR/SERVICE** light is continuously lit. If the **ERROR/SERVICE** light is on then:

1. Check that there is water in the water container
2. Check that the basin door is closed
3. Perform power wash

If the **ERROR/SERVICE** light has still not gone out then reset unit (see instructions below). If **ERROR/SERVICE** light is still on check the troubleshooting guide for a possible solution. If no solution can be found then contact an authorised Genano service representative.

RESETTING PROGRAM SETTINGS

1. Switch the unit OFF and wait about 20 seconds.
2. Switch ON.

POWER WASH



The power wash function can be performed by using the power wash switch (check **OPERATION** switches on page 5). This operation is useful if the air cleaning operation is interrupted due to increased dirtiness of the collection surface. The flashing **ERROR/SERVICE** light illustrates the device is extremely dirty.



It is recommended that the power wash be performed every 6 months even if no operational problems have occurred.

Perform the **Power Wash** as follows:

1. Empty the flush water basin and fill the wash water container before performing the power wash.
2. Press the power wash switch and hold it down until the 310 machine starts the wash cycle (about 5 seconds)



The Power wash lasts about 5 seconds. Following the power wash the **AUTOMATIC WASH/DRYING** light is on while the machine dries. The drying cycle can last a few minutes or longer depending on how damp the machine is.



Do not open the door immediately after the wash cycle. Allow time for the washing liquid to drain into the basin.

3. Once the drying cycle is complete the unit will resume normal operation

GAS ABSORPTION PLATE

Besides particles, the Genano air cleaner can also remove gases. Using a gas absorption plate, different kinds gases can be removed from the indoor air e.g. traffic originated sulphur- and nitrogen oxides as well as ozone. The typical exchange period of the gas absorption plate is 12 months.



Gas absorber replacement can only be performed by service personnel authorised by Genano Ltd.



ATTENTION: DO NOT OPERATE THE GENANO 310 UNIT WITHOUT THE GAS ABSORPTION PLATE

Gas Absorber Ex- change dates
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WARRANTY

GENANO 310

GENANO TECHNOLOGY®, **MULTIFUNCTION-ION!**, **MFI!**, [®] and **NANOBIOL** are Registered Trademarks for Genano Limited Corporation products. All Rights Reserved.

FULL 12 MONTHS WARRANTY

Genano Ltd warrants each new GENANO TECHNOLOGY® Air Cleaning Product, Model against defects in materials or workmanship for a period of one year from the date of purchase, and agrees to repair or replace any defective product without charge.

IMPORTANT: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachment not provided with the product or loss of parts or subjecting the product to any but the specified voltage. Use of unauthorized replacement parts will void this warranty.

GENANO CORPORATION WILL NOT PAY FOR WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE AND WILL NOT REIMBURSE THE CONSUMER FOR DAMAGE RESULTING FROM WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE. NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

In order to obtain warranty service, simply contact the nearest Authorized Genano Service Location. It is suggested that for your protection you return shipments of products by insured transport, insurance prepaid. Damage occurring during shipment is not covered by this warranty.

NOTE: No other warranty, written or oral, is authorized by Genano Ltd Finland.

This warranty gives you specific legal rights, and you may also have other rights which vary from country to country. Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion and limitations may not apply to you⁺.

1. Never operate this device if it has a damaged cord or plug, if it has been dropped or damaged. Return the device to an Authorized Genano Service Location for examination and repair.
2. Keep the cord away from heated surfaces.
3. Never drop or insert any object into any opening.
4. Do not plug in this air cleaning device outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
5. Do not use this device with a damaged or broken part, as injury may occur.
6. Always attach plug to device first, then to outlet. Be certain that plug is inserted firmly into device. To disconnect, turn device off, then remove plug from outlet.
7. To prevent possible damage to the cord, do not wrap cord around the air cleaning device.
8. Never put air cleaning device in direct, hot sunlight or store in pouch at a temperature above 140°F (60°C).

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

When using an electric air purifier device, basic precautions should always be followed, including the following:



DANGER

To reduce the risk of electric shock:

1. Do not reach for a plug of an air purifier device that has fallen into water. Disconnect power at main source then unplug immediately.
2. Do not use in close vicinity while bathing or in a shower.
3. Do not place in heavily moist atmosphere, water or other liquid.
4. Do not place or store an air purifier device where it can fall or be pulled over.
5. Unplug this air purifier device before moving or transport to another location.
6. When discarding material used in this air purifier device, follow instructions issued by local authorities for disposal.
7. Ensure that wall socket is grounded.
8. Lock the bottom basin when G310 is operated near children or pets.



WARNING

To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Supervision is necessary when operated near children or the disabled.
2. Use this air purifier device for its intended indoor use, only, as described in manual. Do not use attachments not recommended by Genano Ltd.
3. Never use in an area with heavy wood dust or explosive chemicals.



READ OWNERS MANUAL CAREFULLY!

Manufactured for:

GENANO LIMITED (FINLAND)



Troubleshooting guide

Warning! Repairs and maintenance work must be carried out by qualified personnel only.

SYMPTOM

CORRECTIVE ACTIONS

The power does not turn on.

- Check connection to the mains.
- Check that power is switched on.
- Check the service door is not open.

The green WASH-light is on when device is not washing.

- Wait until the drying period is over.
- If after a few hours the unit does not restart then reset the system
- If error continues after resetting contact an authorized repair service

Red SERVICE/ERROR-light is continuously on.

- Wait several hours.
- Execute Power-wash.
- Reset default program settings (Switch the unit OFF and wait about 20 seconds then restart).
- If error continues after resetting contact an authorized repair service.

Device is leaking water.

- It is possible that device leaks water if transported horizontally. Wait 8 hours before first use.
- Check that the flush water basin is in its place. Empty basin if necessary
- If leaking continues contact an authorized repair service.

Operating lights are not functioning.

- Check connection to the mains.
- Check that power is switched on.
- Reset program settings.

Í Increase waterÍ light is not working when the water tank is empty.

- Contact an authorized repair service.

Airflow through the device is poor or it smells of metallic gases.

- Turn device off and contact an authorized repair service.
-