



EnviroKlenz®
Air System **+** PLUS

ENVIROKLENZ AIR SYSTEM PLUS WITH UVC LIGHT
USER MANUAL

To obtain an electronic or printed copy of this manual:
Email **Support@EnviroKlenzAirPurifiers.eu** with
your request.

EU Declaration of Conformity

According to Machinery Directive 2006/42/EC
Annex II Part 1 Section A and the Low Voltage
Directive 2014/35/EU

We, the Timilon Corporation

hereby declare as the responsible manufacturer
that

Product Name: EnviroKlenz® Air System Plus

Model: ED327-0255-230

Year of Production: 2021

Product Category: Air Purifier

Model/Modell	ED327-0255-230
Protection Class	IP20
Voltage	230 V / 50 Hz
Current	0,6 A
Fused	0,6 A
Consumption	0,35 kW
Noise	< 50 dB(A)
Airflow	40 ... 120 m³/h
Unit Weight	20 Kg

complies with the provisions of the relevant
Community harmonization legislation
mentioned above. All the relevant standards for
household and similar electrical appliances (EN
60335, EN 61000, EN 55014), including particular
requirements for air cleaning appliances, were
complied with.



EnviroKlenz®

USER MANUAL

(Original)

EnviroKlenz® Air System Plus with UVC Light,
Air Cartridge & HEPA Filter

Timilon Corporation
3602 NW 16th Street
Topeka, KS 66618
United States of America
+1 239 330 9650

Website: www.EnviroKlenzAirPurifiers.eu



CBRN Protection GmbH
Brigittagasse 14/25-26
1200 Vienna, Austria
info@cbrn-protection.com
tel +43(0)69919667890

IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

Fire and Electric Shock Hazard

Unit must be electrically grounded

- Insert plug on power cord directly into matching grounded receptacle.
- Do not use with an adapter.

To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

Keep wiring and motor dry

- Never use a water hose or pressure washer to clean electrical components; water could enter the electrical compartment causing a shock hazard.
- Do not operate in standing water.
- If electrical components become wet, allow them to dry completely before using.

Unplug this appliance from the power supply before servicing

- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

Injury to Persons Hazard

- 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.



Risk of Electric Shock



Turn off the power switch before opening



Pull out the main plug before repairs & maintenance



Do not dispose of in a garbage can



Do not look directly into UV light



Injury to Persons Hazard

- If using the air system in a containment work area (such as a restoration work site), turn off all sources of power to open combustion appliances such as fireplaces, boilers, furnaces, water heaters and HVAC systems to avoid the risk of back drafting deadly carbon monoxide fumes from those appliances.
- Children are not allowed to play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.



Tipping Hazard

- Not recommended to stack units on top of each other.
- The unit can tip over if it is improperly set up or used.
- Falling equipment could cause bodily harm.
- Don't sit on the unit to sit or store anything on it, nor use it as a transportation equipment!



UV Light Hazard

- WARNING - Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before relamping or servicing. Replace Lamp With Lamp PL-L TUV 18 watt 4 pin bulb.
- You may contact EnviroKlenz® to order replacement lamps.

WARNING:

The EnviroKlenz Air System Plus can be operated 24/7 and requires a replacement EnviroKlenz Air Cartridge every 6 months and a replacement HEPA filter every 2 years. UV Bulbs should be replaced when the exterior indicator light shows that one or both of the bulbs have burned out. Both bulbs should be replaced at the same time, even if only one has burned out. Bulbs must be disposed of as per your local law at an approved disposal station. The disposal fee has been included in the purchase price.

Appliances that are obviously damaged must not be operated.

Not suitable for use with solid-state speed controls

If unit is used in hazardous or potentially hazardous environments such as mold mitigation job sites:

- Wear protective gear when changing the HEPA filter as it may contain mold spores.
- Change The EnviroKlenz® Cartridge and HEPA filter after every remediation job.
- Dispose of used HEPA according to your local regulations.





TABLE OF CONTENTS

2	WARNINGS
7	ABOUT ENVIROKLENZ®
8	INSIDE SYSTEM
10	SET UP & ACCESSORY REPLACEMENT
13	BEST PRACTICES
14	SETTINGS & CONTROLS
16	TROUBLESHOOTING
17	CONTACT, PATENTS, & PRODUCT FAMILY
18	WARRANTY
20	HISTORY & SCHEDULE

MISSION

Personal Environment Protection For Everyone

The entire EnviroKlenz team shares a commitment and passion for providing people around the world with access to safe and effective solutions for improving their indoor environments.

At EnviroKlenz, the goal and vision have always been dedicated to helping people live healthier and more productive lives by providing clean air through a suite of products and solutions.

HOW IT WORKS

The EnviroKlenz® Air System Plus is your solution to improving your indoor air quality by removing chemical odors, fragrances, VOCs, particulates, microorganisms, and other allergy triggers all at once. The System utilizes EnviroKlenz® Technology to adsorb and break down pathogens and chemical pollutants coming from a broad array of sources. The EnviroKlenz® Air Cartridge uses a patented blend of earth minerals that works to reduce and remove contaminants without releasing any harmful chemicals or byproducts back into your environment. The EnviroKlenz® Air System Plus also uses a medical-grade HEPA filter for additional particulate capture, as well as UVC lights for germicidal irradiation and interior sanitization.

INSIDE SYSTEM

1. AIR INTAKE

Air is brought in through the 3 top vented sides with 4 different speed settings to choose from.

2. ENVIROKLENZ® AIR CARTRIDGE

The EnviroKlenz® Air Cartridge uses patented natural technology to absorb and remove viruses, bacteria, VOCs and other chemicals without the use of masking agents or harmful chemicals. In most situations, this cartridge will need replacement after 6 months of use.

3. UVC LIGHTS

UVC lamps are located above (and radiating on) the collection side of the HEPA filter providing germicidal irradiation and interior sanitization of the system.

4. HEPA FILTER

The HEPA filter captures particulates larger than 0.3 microns at a 99.97% efficiency rate. In most situations, the HEPA filter will need replacement after 2 years of use.

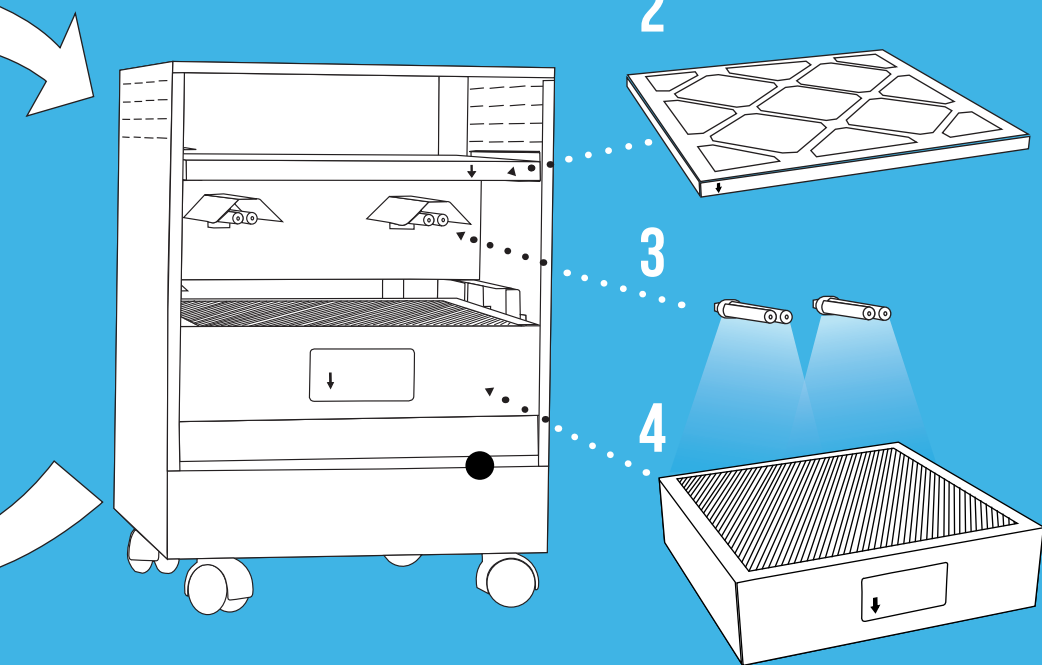
5. CLEAN AIR OUTTAKE

Filtered, clean air is directed out into the environment from the bottom vent. On average, the air will be exchanged 3-5 times per hour on the highest setting depending on the size of the room.

NOTE: Be sure to follow your country's electrical regulations.

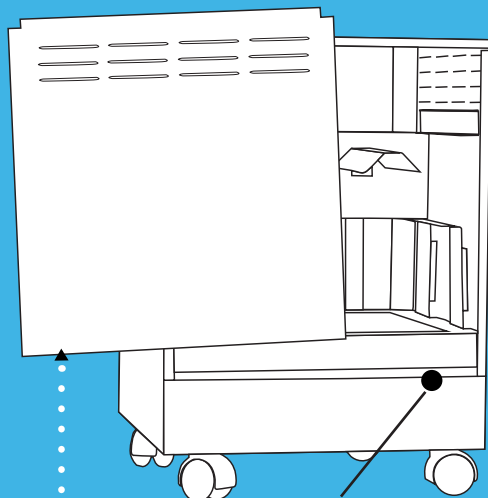
1

5



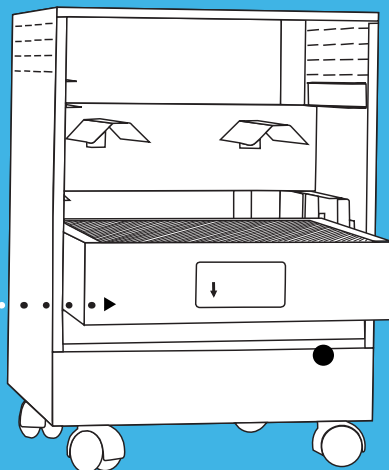
SET-UP & ACCESSORY REPLACEMENT

STEP 2: Slide in larger **HEPA Filter** with airflow arrow pointing down



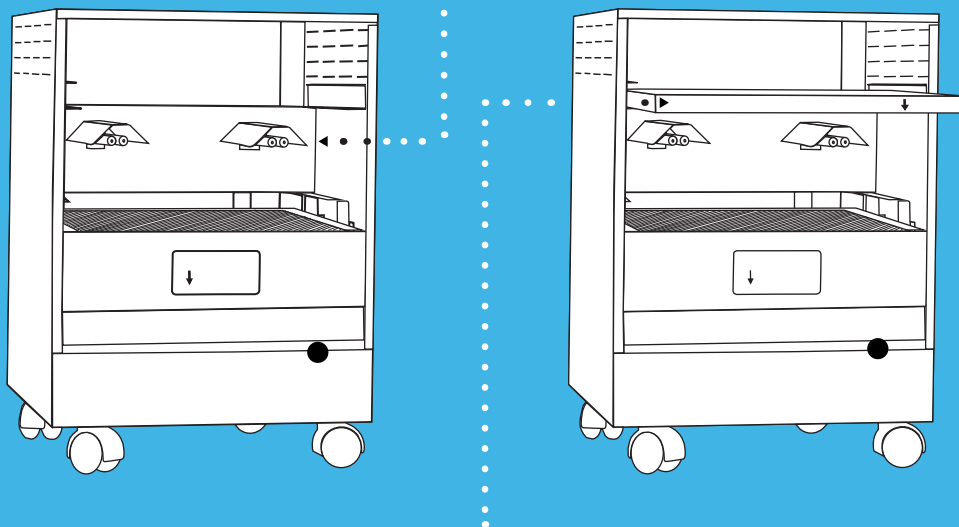
SAFETY KNOB

STEP 1: Make sure Air System is unplugged and pull back on safety knob to slide up the back panel to insert filters.



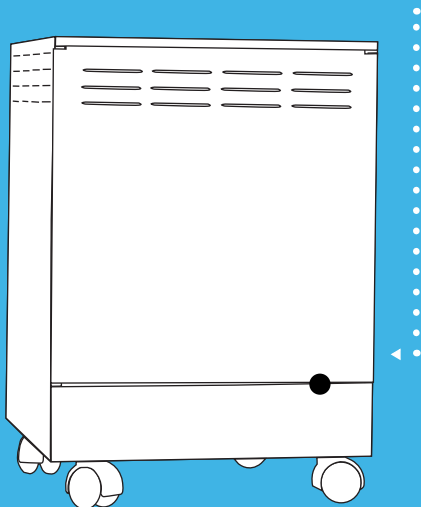
STEP 3: Install the **UVC light bulbs** by carefully pushing them into the light sockets inside the Air System.

* Avoid touching the glass portion of the bulbs directly with your hands, as it may shorten the lifetime of the UVC bulbs.

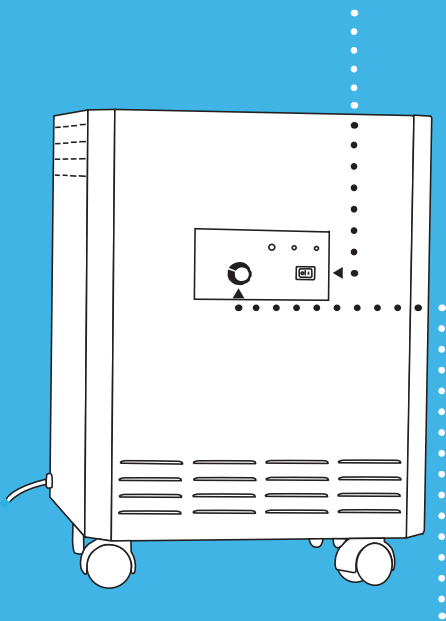


STEP 4: Slide in smaller **EnviroKlenz® Air Cartridge** above the UVC lights on the rails with airflow arrow facing down.

STEP 5: Slide down back panel by pulling on the safety knob. Make sure the bottom ledge is facing the inside of the unit. Plug electrical cord into a grounded outlet



STEP 6: Turn on the UVC Lights



STEP 7: Turn power control knob to desired fan speed and begin enjoying clean, allergen and chemical free air

BEST PRACTICES

DO'S



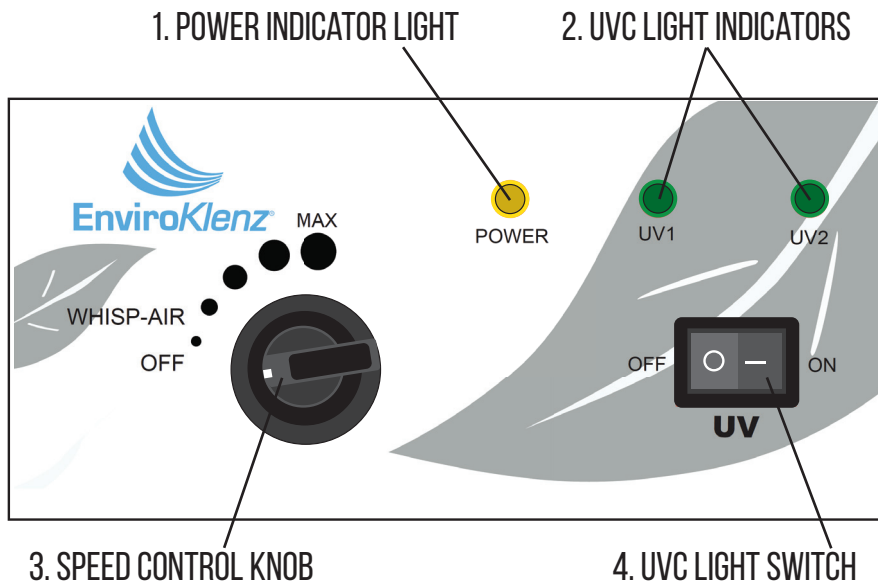
- To acclimate the system to your environment, please run the system on the whisper-air or low speed setting for the first 24-48 hours.
- Set up the air system in an area where it will provide good air circulation, but won't get in the way.
- To help maneuver air in the space, you may want to set up a few fans in areas that are somewhat distant from the air unit(s). Have the fan(s) push/blow the air towards the air unit(s). This will help exchange the air so that it quickly gets processed through the system.
- Leaving a system running 24/7 will help clear the air faster.
- Since the unit is relatively quiet, it can be run on medium or high setting without disturbing normal activities.
- The EnviroKlenz® Air Cartridge operates best when it is aligned with the rail entrance.
- When changing the UVC bulbs
 - Use protective equipment
 - Only touch the lamps by the plastic sockets
 - To avoid the potential for glass to enter the blower, the HEPA filter must be installed or, if not possible, the finger protection grille must be covered.

DON'TS

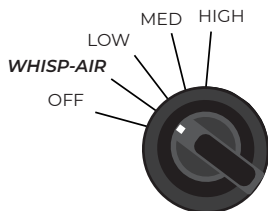


- Do not place the air unit directly against a wall, as you want to ensure airflow.
- Do not use with an ozone-producing machine because it can reduce the efficacy of the EnviroKlenz Air System and limit the lifetime of the filters.

SETTINGS AND CONTROLS

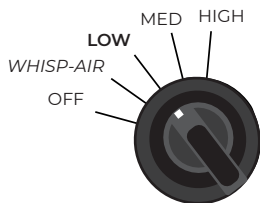


- The Power Indicator Light (1) should illuminate when power is flowing to the system. If it is not illuminated, check the power connection and ensure that the back panel is closed securely.
- When the UVC lights are turned on, the indicator lights (2) should be on and green. If the UVC light switch (4) is on, but the indicator light(s) are off, the UVC bulb(s) need to be replaced.



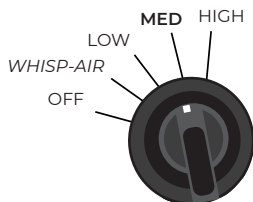
WHISP-AIR

Great for situations that require minimal noise such as sleeping and watching TV. This setting should be used for at least the first 24-48 hours of running.



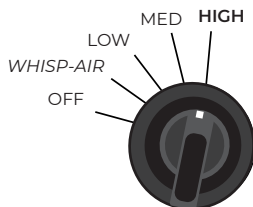
LOW

Ideal for everyday maintenance use when a contaminate source is not overly present or noticeable.



MEDIUM

Ideal for most situations in which a contaminate source is noticeable but not overbearing, such as cooking odors or outdoor pesticide use.



HIGH

Setting ideal for environments with high levels of physical particulate matter. This includes heavy renovation, construction, fire damage, and flood damage.

TROUBLESHOOTING

ISSUE

ACTION

“Air System will not turn on”

- Make sure Air System Plus is plugged in.
- Make sure the back panel is in place.
- Check power at the outlet.
- Test the on/off switch.

“The blower wheel is not turning”

- Check for obstruction(s).
- Tighten set screw.

“The System blower has started to get louder”

- It may be time to change your filters.

“UV indicator light(s) is (are) off”

- Verify the UV feature is turned on
- UV Bulb may be burnt out or not properly installed

“The HEPA filter is difficult to remove”

- Make sure the thumbscrews holding the HEPA in place have been loosened.
- Apply force in an upward direction on the HEPA to loosen it from the seal with the blower cage.

UVC LIGHT SAFETY

- UVC Lights or germicidal UV are at a much more specific wavelength than what is termed “UV” broadly, which encompasses the wavelengths of 100-380 nm. UVC are low-pressure lamps, more like a fluorescent lamp, with a specific wavelength of 253.7 nm (1182.5 THz).
- To create ozone from UV, the light wavelength would need to be in the range from 160-240 nm.
- Since the EnviroKlenz Air System Plus uses UVC with a wavelength of 254 nm, it is outside of the ozone-producing range.
- You can run the system without the lights being on, but you will not get the benefits of the UVC lights.
- Unintended use of the appliance or damage to the housing may result in the escape of dangerous UV-C radiation. UV-C radiation may, even in little doses, cause harm to the eyes and skin.

EC REP

CBRN Protection GmbH
Brigittagasse 14/25-26
1200 Vienna, Austria
info@cbrn-protection.com
tel +43(0)69919667890

Phone

+44 20 3148 1800

Email

Support@EnviroKlenzAirPurifiers.eu

CONTACT

PATENTS

EnviroKlenz® is a Registered Trademark of Timilon Corporation Bonita Springs, Florida, USA. The EnviroKlenz® Air System Plus is produced in the USA and is protected by multiple USA and International patents, including, but not limited to patent numbers 7,276,640; 7,335,808; 7,661,483; 7,956,232; and 8,038,935.

WARRANTY

Timilon Corporation warrants that for a period of two years from the date of purchase, this product will be free from manufacturing defects. Timilon Corporation, at its option, will repair or replace the product or any component of the product found to have manufacturing defects during the warranty period. If the product is no longer available, replacement may be made with a similar product of equal or greater value.

This warranty is non-transferable and is valid from the date of the original purchase. Proof-of-purchase is required to obtain warranty performance. This warranty does not cover consequential damages and/or damages resulting from negligent use or misuse of the product by failure to store, maintain and/or use the product in accordance with directions otherwise. In addition, disassembly, repairs, or modification by anyone other than Timilon Corporation or acts of God such as fire, flood, hurricanes, and tornadoes will not be covered.

Limited Warranty

Timilon provides a 30-Day Return Window and the following limited warranty. This limited warranty extends only to the original purchaser.

Please note that any warranty services or questions must be accompanied by the order number from the transaction through which the warranted product was purchased. The order number serves as your warranty number and must be retained. Timilon will offer no warranty service without this number.

Timilon warrants this product and its parts against defects in materials or workmanship for two years labor and two-year parts from the original ship date. During this period, Timilon will repair or replace defective parts with new or reconditioned parts at Timilon's option, without charge to you.

Shipping fees incurred from returns for under-warranty service will be paid by Timilon.

All original parts (parts installed by Timilon at the original system build) or parts replaced by Timilon or its authorized service center, become the property of Timilon. Any after-market additions or modifications will not be warranted and the customer is responsible for the payment, at current rates, for any service or repair outside the scope of this limited warranty.

Timilon makes no other warranty, either express or implied, including but not limited to implied warranties of merchantability, fitness for a particular purpose, or conformity to any representation or description, with respect to this other than as set forth below. Timilon makes no warranty or representation, either express or implied, with respect to any other manufacturer's product or documentation, its quality, performance, merchantability, fitness for a particular purpose, or conformity to any representation or description.

The warranty and remedies set forth below are exclusive and in lieu of all others, oral or written, expressed or implied. No reseller, agent or employee is authorized to make any modification, extension or addition to this warranty.

Procedures for Obtaining Warranty Service

RMA (Returning Merchandise Authorization) Policy:

If repairs are required, the customer must obtain an RMA number and provide proof of purchase. RMA and services are rendered by Timilon only. All returned parts must have a RMA number written clearly on the outside of the package along with a letter detailing the problems and a copy of the original proof of purchase. No COD packages will be accepted. No package will be accepted without an RMA number written on the outside of the package. RMA numbers are only valid for 7 days from the date of issue.

Register for your warranty at EnviroKlenzAirPurifiers.eu/Warranty

*The serial # is on the back of your Air System near the bottom on the sticker

CARTRIDGE AND FILTER CHANGE SCHEDULE

To order replacement cartridges, filters, and bulbs, visit
EnviroKlenzAirPurifiers.eu/spares

ENVIROKLENZ AIR CARTRIDGE

installation date Scheduled change date*
*6 months after install

__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __

installation date Scheduled change date*
*6 months after install

__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __

HEPA FILTER

installation date Scheduled change
date*
*2 years after install

__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __

installation date Scheduled change
date*
*2 years after install

__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __
__ / __ / __	__ / __ / __

EnviroKlenz®



CBRN Protection GmbH
Brigittagasse 14/25-26
1200 Vienna, Austria
info@cbrn-protection.com
tel +43(0)69919667890

Website: www.EnviroKlenzAirPurifiers.eu