



EnviroKlenz®

Personal Environment Protection For Everyone

EnviroKlenz Mobile Air System, 250 CFM
w/ Air Cartridge & HEPA Filter

Process Manual & Instructions

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EnviroKlenz® Air Space Treatment Process

INTRODUCTION

The EnviroKlenz® Mobile Air System is your solution that improves your personal environment air quality by removing chemical odors, fragrances, VOCs, particulates, and allergens all at once. The patented EnviroKlenz technology neutralizes chemicals, pollutants, and fragrances, while the HEPA filter removes harmful dust, particulate, allergens, pet dander, and more at 99.99 percent efficiency.

The process utilizes multistage treatment and filtration enhanced with EnviroKlenz technology to adsorb, neutralize, and eliminate chemical pollutants coming from a broad array of sources while removing airborne particles such as dust and miscellaneous debris. The small size of the air processor allows it to be portable and easily maneuverable.

HOW THE ENVIROKLENZ PROCESS WORKS

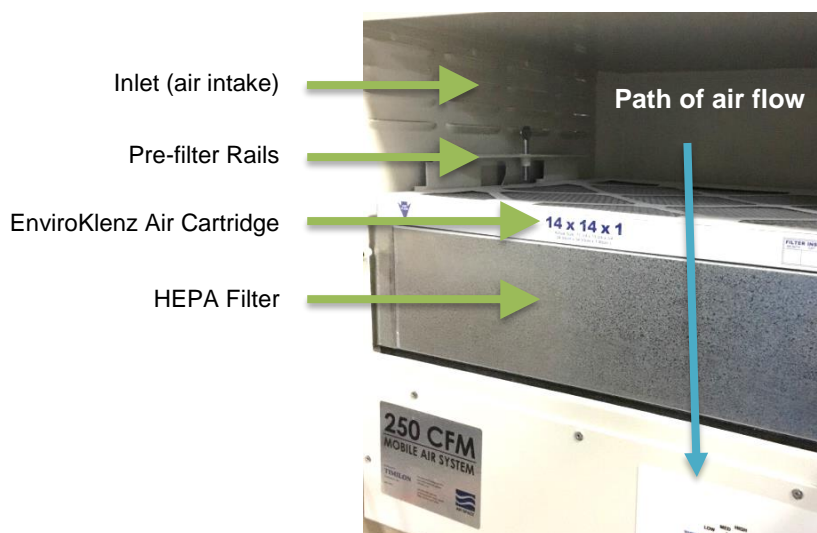
The process combines airflow, particulate filtration, and the advanced odor treatment technology of EnviroKlenz to improve indoor air quality. The processor moves air through an EnviroKlenz Air Cartridge and a HEPA filter. What makes the total process unique is the use of the EnviroKlenz advanced odor treatment technology for the control of odor causing molecules and a broad array of hazardous indoor pollutants.

THE AIR PROCESSOR & ENVIROKLENZ AIR CARTRIDGE

View of air processor:



View of the back of the air processor with the access panel removed:



READ COMPLETELY AND SAVE THESE INSTRUCTIONS

PROCESS

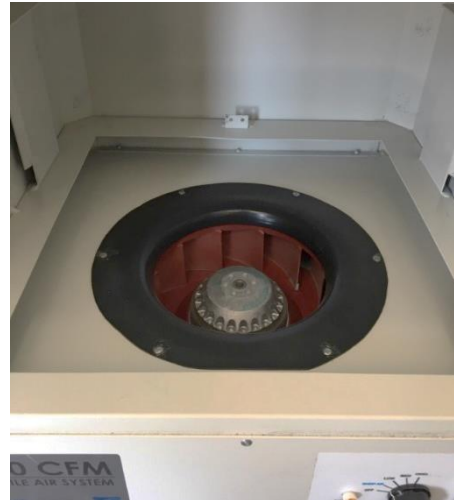
For optimal environmental trigger elimination results, pre-cleaning of the treatment area is recommended. General vacuuming, dusting, washing, and removal of washable or launderable items will facilitate odor elimination. For severe source treatment, utilize the various application specific *EnviroKlenz* products where applicable. The EnviroKlenz Mobile Air System will control airborne environmental triggers, however if the source is not addressed, there is the potential for it to return.

EQUIPMENT OPERATION INSTRUCTIONS

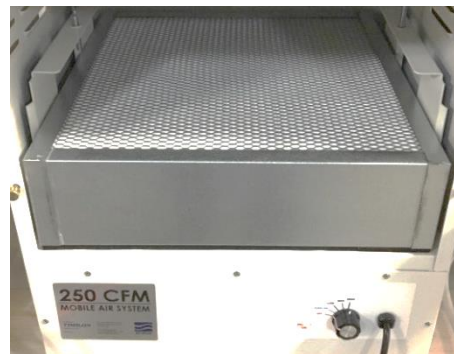
Setup

After pre-cleaning of the treatment area has been completed:

1. Carefully remove the EnviroKlenz Mobile Air System (unit) from the box and separate it from all packing material. Be sure to temporarily set box and packing material aside in case damage to the unit occurred during transit and the unit needs to be returned.
2. Position the unit(s) strategically in the interior area to be treated to best assure effective air circulation. Processor can be located almost anywhere in the room and still perform. *However, do not place near showers, sinks, toilets, or any water source as it is an electrical device and doing so is an electrical shock risk.*
3. Take off the back access panel by removing the thumb screws and pulling the bottom toward you and then sliding the panel down to clear it from the top ledge. You will then see this view of the inside of the air unit (picture right).



4. With the back panel off, open and install the HEPA filter with the gasket side facing down and place it directly on top of blower motor completely covering the opening to limit air-flow bypass.



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5. Open and install the EnviroKlenz Air Cartridge directly on top of the HEPA filter. You may need to raise the thumb screws (pictured below) located on the horizontal rails slightly to fit the EnviroKlenz Air Cartridge in place.

Air flow is from the top down.



6. The weight of the cartridge and HEPA will keep everything in place, however the thumb screws along the inside rails can be tightened down slightly to prevent shifting in the event the unit is picked up and moved. Do not over tighten.



7. Completely unwrap the cord.
8. Replace back access panel and secure using the two (2) thumbscrews for the back panel.
9. Plug in to a standard 115 volt outlet. The power light will turn on. Each processor draws 1 amp during operation.
10. To switch the unit on, locate the control panel and turn the speed switch to start the unit.
11. Continue use as needed.
 - a. For situations requiring extended treatment, remove the access panel to gain access to the EnviroKlenz Air Cartridge. Remove the EnviroKlenz Air Cartridge, discard, and replace.

The Control Panel

Four Speed Control

Options with a clockwise turn from off position (CFM listed are approximate)

- Whisper (85 CFM)
- Low (150 CFM)
- Medium (200 CFM)
- High (250 CFM)

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The Filters and Cartridge

The EnviroKlenz Mobile Air System utilizes the most advanced environmental trigger elimination technology combined with HEPA filtration. The EnviroKlenz Air Cartridge captures and eliminates chemical pollutants and the HEPA filter captures smaller particles down to 0.3 microns.

Average Replacement Times

EnviroKlenz Air Cartridge	Variable* Typical life span of 2-3 months.
HEPA Filter	6 months to 2 Years*

*Estimated replacement times depend on the ambient air conditions.

How to get replacement filters and cartridges

Call Customer Support at 239.330.9650

EQUIPMENT MAINTENANCE INTERVALS

- Inspect the electrical cord for damage. Look for fraying, cuts, etc. Do not use the unit if you find any defects.
- Utilize a new EnviroKlenz Air Cartridge for each new job. Remove exhausted cartridge before inserting a new EnviroKlenz Air Cartridge.
- Replacement of the HEPA filter will vary based on the environmental conditions in which the unit is utilized.

Specifications:

EnviroKlenz Mobile Air System, 250 CFM

Type – 115V

CFM Rating –85, 150, 200 & 250 CFM

Height – 19" (48.3 cm)

Width – 15" (38.1 cm)

Depth – 15" (38.1 cm)

Net weight – 38 lbs (17.1 Kg)

Ship weight – approximate 45 lbs (20.5 Kg)

Controls – 4-speed

EnviroKlenz Air Cartridge - EK327-1414-00EK

HEPA Filter – ED327-0251-00NS

Power - 115V/60Hz / 1 amp

Cord Length – 5 Ft (7.6 M)

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WARNINGS



FIRE AND ELECTRIC SHOCK HAZARD

Unit must be electrically grounded.

- Insert 3-prong plug on power cord directly into matching grounded receptacle.
- Do not use with an adapter.

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 unit before performing any maintenance.



CONTAMINATION HAZARD

If unit is used in hazardous or potentially hazardous environments such as a mold mitigation jobsite:

- Wear NIOSH-approved 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.



HAZARD

- If using the processor in a containment work area, 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.



TIPPING HAZARD

- When stacking units, for storage or transportation in original packaging, beware of tipping.
- Not recommended to stack units on top of each other.
- Falling equipment could cause bodily harm.

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TROUBLESHOOTING

<u>ISSUE</u>		<u>ACTION</u>
"The odor/pollutant is not completely eliminated."	→	<ul style="list-style-type: none">• Remove source(s) from area.• Remove contaminated item(s) from area.• Locate source and treat with EnviroKlenz Everyday Odor Eliminator.• Replace EnviroKlenz Air Cartridge and repeat EnviroKlenz Air process.
"Odor returns after a few days."	→	<ul style="list-style-type: none">• Site may have become recontaminated, take steps to prevent recontamination and repeat EnviroKlenz Air process.• Treat source odor with EnviroKlenz Everyday Odor Eliminator.
"Air processor will not turn on."	→	<ul style="list-style-type: none">• Make sure processor is plugged in.• Check power at the outlet.• Test the on/off switch.
"The blower wheel is not turning."	→	<ul style="list-style-type: none">• Check for obstruction(s).• Tighten set screw.

For any problems not listed above, contact Timilon Customer Support at 239.330.9650 or custserv@timilon.com.