



Aaira + HEPA

INSTRUCTION MANUAL

Created by nature.
Engineered by science.



Thank you for your purchase.
Now you can **breathe easy.**

Aaira + HEPA is a comprehensive device used to remove bacteria and viruses from the air you breathe. It generates hypochlorous acid (HOCl) to disinfect the air while utilizing the power of a 3-stage H13 true HEPA filter.

All the things you
need to know are here.

Safety Instructions	1
Product Overview	3
How It Works	4
Unpacking and Setup	4
Quick Start	5
Real-Time Air Quality Indicator	6
Control Panel	6
Control Panel Continued	7
Connectivity	7
Cleaning Your Aaira + HEPA	8
Filter Replacement	9
Device Specifications	11
Using the Schedule Function	12
Product Warranty	12
Troubleshooting	13
FCC Statement	14

Your safety is important to us.

Read all safety instructions before you use the device.



WARNING! TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY PLEASE ADHERE TO THE FOLLOWING:

- ! Use only as described in the instruction manual. Do not carry out any maintenance other than that shown in this guide or as advised by customer support. Any other use not recommended by the manufacturer may cause fire, electric shock or injury.
- ! Ensure the machine is fully assembled in accordance with the instructions before use.
- ! Do not move the machine while it is plugged in or powered on. Make sure the machine is powered off and unplugged before moving.
- ! Remove the HOCI Generator before moving the machine to avoid spilling water inside the machine. If water is spilled while moving, wipe the machine dry with a clean cloth and allow it to dry before use.
- ! THIS MACHINE IS NOT INTENDED FOR USE BY CHILDREN. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children. This appliance can be used by children 8 years and above if supervised.
- ! DO NOT LOCATE DIRECTLY BELOW A MAIN ELECTRICITY SUPPLY SOCKET.
- ! This machine is not intended for use by persons with reduced physical, sensory or reasoning capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning the use of the machine by a person responsible for their safety.
- ! Do not use the machine on wet surfaces or outdoors. Do not use in bathrooms. Never operate the machine where it may fall in the bath or other water container. Do not use or store it where it may get wet or in the immediate surroundings of a bath, shower or swimming pool.
- ! Do not pour water into any openings except for the water tank. When refilling, only do so as described in this guide. DO NOT USE HOT WATER.
- ! This machine may have hot parts inside. Do not use in areas where fuel, paint or flammable liquids are present. Keep combustible materials away from the machine. DO NOT USE NEAR FURNACES, FIREPLACES, STOVES OR OTHER HIGH-TEMPERATURE HEAT SURFACES.
- ! To reduce the risk of electric shock, this machine has a polarized plug. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way. (Not applicable in UK).
- ! Always plug directly into a wall socket. Never use the machine with an extension cord as overloading may result in the cord overheating or catching fire.
- ! Do not unplug by pulling the cord from the socket. To unplug, grasp the plug, not the cord.
- ! Do not handle any part of the plug with wet hands.
- ! Do not use the machine with a damaged cord or plug. If the cord is damaged it must be replaced.
- ! Do not allow the area around the machine to become damp or wet. If dampness occurs, turn the output of the humidifier down or use intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp.
- ! If the machine is not working properly, has received a sharp blow, has been dropped or damaged, do not use the machine and contact customer support for repair.
- ! Do not use the machine on a soft or unstable surface. ALWAYS PLACE THE MACHINE ON A FIRM, FLAT, LEVEL SURFACE.
- ! DO NOT COVER THE MACHINE WHILE IN USE.
- ! Never leave water in the reservoir when not in use. Empty and clean before storage. Clean before next use.
- ! Turn off all controls before unplugging. Always unplug the machine if not in use and while filling or cleaning.
- ! For best performance, place the machine on the floor at least 3 feet from any wall or appliances.
- ! READ AND SAVE THESE INSTRUCTIONS.
- ! THIS MACHINE IS INTENDED FOR HOUSEHOLD AND INDOOR USE ONLY.
- ! Warning: Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air causing very serious health risks when the water is not renewed and the tank is not cleaned properly every 3 days.

Read all safety instructions in the quick start guide, instruction manual, and on device.



Product Overview



1. Main Body
2. 3-Stage H13 True HEPA Filter
3. HOCl Generator
4. Cold Evaporation Filter (CEF)
5. Salt Bottle with 1 Gram Scoop

How It Works

The Aaira + HEPA incorporates a 4-stage cleaning system to help clean the air. A fan forces air through the unit from bottom to top.

STAGE 1: Pre-filter.

STAGE 2: True HEPA Filter.

The true High Efficiency Particulate Air (HEPA) filter captures up to 99.97% of particles down to 0.3 microns in diameter.

STAGE 4: Activated Carbon Filter.

The activated carbon filter absorbs odors, gases, and volatile organic compounds (VOCs).

STAGE 5: HOCl Generator System.

Hypochlorous acid is generated inside the machine, and absorbed by the cold evaporation filter. The liquid is evaporated as air passes through the cold evaporation filter. This disperses the HOCl throughout the airspace in the room allowing it to destroy a variety of bacteria and viruses.

Unpacking and Setup

1. Remove the unit from the box and check that all the items shown on page 3 in the product overview are included. Retain the packaging for storing the unit or in the event it must be shipped back for service.
2. The unit is shipped with the H13 True HEPA filter sealed inside a protective plastic bag. Detach the bottom cover and remove the protective packing. Then remove the filter from the plastic bag, replace it inside the device and replace the bottom cover.
3. The unit is also shipped with protective packing above the HOCl generator assembly. Detach the top cover and remove the protective packing. Then replace the top cover.
4. Locate the unit on a flat, solid surface in proximity to an AC electrical outlet.
5. Connect the AC adapter to the unit, and route the power cord to the outlet, but do not plug it in yet. Make sure that the power cord is out of the way and does not pose a tripping hazard, and is out of reach of children and pets.
6. Plug in the unit.

Quick Start

1

Take off bottom cover, remove H13 true HEPA filter from plastic bag, and install in device. Replace the bottom cover.



2

Remove top cover to access the HOCl Generator.



3

Grasp the handle and turn the HOCl Generator to unlock it and remove it from the device.



4

Remove the CEF by unscrewing it from the generator.



5

Fill the generator with water to the MAX. water level (800ml/27.05oz.).



6

Add 1 scoop (1 gram) of non-iodized salt to the water.



7

Replace the CEF and screw it into the bottom of the HOCl Generator.



8

Wipe the exterior dry and place it back in the base. Using the handle, turn the HOCl generator and lock it in place. Replace top cover.

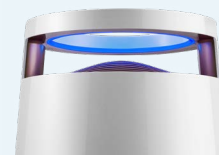


9

Connect the AC adapter to the device, plug into an outlet, and press the power button to turn on.



Real-Time Air Quality Indicator



Good



Moderate



Poor

Control Panel



Fan Speed
(1/2/3) Three fan speed



Sleep Mode
Lowest fan speed level that is ultra-quiet



On/Off
Powers the device on and off



Timer
(2H/4H/8H) Set the timer to have the machine turn off automatically



Disinfect
On and flashing when generating HOCl



CEF Replacement Indicator
Press for 3 seconds to reset the filter life countdown



HEPA Filter Replacement Indicator
Press for 3 seconds to reset the filter life countdown



Wi-Fi Indicator
Flashing amber: Attempting to connect
Steady amber: Connection successful
Steady red: Not connected
Connect/disconnect: Short press

Control Panel Continued



(SOLID)

Low Salt Alert

Solid salt level indicator
Sound alert

What to do:

1. Power off device
2. Fill water to MAX line
3. Add 1 scoop (1 gram) of non-iodized salt and stir evenly



(FLASHING)

High Salt Alert

Flashing salt level indicator
Flashing blue light
Sound alert

What to do:

1. Power off device
2. Empty HOCl Generator
3. Rinse the CEF
4. Fill water to MAX line
5. Add 1 scoop (1 gram) of non-iodized salt and stir evenly



(SOLID)

Low Water Alert

Solid water level indicator
Sound alert

What to do:

1. Power off device
2. Empty HOCl Generator
3. Fill water to MAX line
4. Add 1 scoop (1 gram) of non-iodized salt and stir evenly



(FLASHING)

HOCl Generator Alert

Flashing water level indicator
Sound alert

What to do:

1. Power off device
2. Remove HOCl Generator and reposition correctly in device

Cleaning Your Aaira + HEPA

The unit should be cleaned regularly. Clean the HOCl generator with fresh water. Use a clean, dry cloth for the external surfaces of the machine. If water stays in the HOCl Generator for 7 days, empty it and prepare a fresh salt water mixture to continue operation. Clean CEF filter monthly by soaking in cool water for 1 hour.

Descaling

Lime scale builds up in the machine over time. To ensure THE best performance, descale monthly.

What to do:

1. Power off device
2. Empty HOCl generator
3. Take out the CEF
4. Add 200ml of 5% white vinegar; leave for 1 hour (**do not** turn device power on)
5. Empty and clean HOCl generator with fresh water

Storage

If your machine will not be used for 30 day follow directions below.

What to do:

1. Power off device
2. Empty HOCl generator
3. Rinse the CEF and let dry
4. Store in a cool, dry location

Connectivity



DH Lifelabs App

Aaira + HEPA can connect with your smart device when you download the DH Lifelabs App. Open the App and click '+' to connect your device. Follow the steps in the App.



Cleaning Air Quality Sensor

The inlet for the air quality sensor is located at the back of the machine as shown. The inlet should be cleaned every 2 months using a vacuum or with a cotton swab that has been lightly moistened with clean water.



Filter Replacement

Cold Evaporation Filter Replacement

The cold evaporation filter should be replaced every eight months, or whenever indicated by the yellow 1 illuminated on the Filter Replacement Indicator on the Control Panel.

1. Remove the top cover from the back of the device.
2. Grasp the handle of the HOCl generator and turn it to the right to release it from the base.
3. Remove the HOCl generator.

NOTE: Handle the Cold evaporation filter by the end caps to avoid touching the Cold evaporation filter and preventing possible contamination of the filter element.

4. Unscrew the cold evaporation filter from the generator and discard.
5. Remove the replacement cold evaporation filter from packaging and screw it into the inner bottom of the HOCl generator.
6. Replace the HOCl generator in the Sterilizer and turn the handle to the left to lock it into place on the base.
7. Turn on the Sterilizer. After replacing the filter, press and hold the Filter Replacement Indicator for 3 seconds to reset the filter life countdown.

NOTE: If you replace the filter before the accumulated life time is reached, the filter life timer cannot be reset.

H13 True HEPA Filter Replacement

The filter should be replaced every 12 months or whenever indicated by the red 2 illuminated on the Filter Replacement Indicator on the Control Panel. However this interval is intended as a guideline only. In environments with a high concentration of contaminants such as dust, pet dander, or cigarette/cigar smoke you may need to replace the filter more frequently.

NOTE: The HEPA filter is not washable. DO NOT immerse it in water.

1. Make sure the device is OFF and unplugged.

NOTE: If you have difficulty removing the bottom cover, remove the top cover prior to removing bottom cover.

2. Detach and remove the magnetic bottom cover from the unit.
3. Remove using the pull tabs and replace the replacement filter into the device.

NOTE: Ensure that the pull tabs are facing outward to facilitate filter removal later.

4. Inspect the screen on the bottom cover and if necessary clean any excess dust or dirt from the screen using a hand held vacuum.
5. Replace the bottom cover by placing the bottom cover into the slots on the device. Gently push the top of the bottom cover into place.
6. Turn on and hold the Filter Replacement Indicator for 3 seconds to reset the filter life countdown.

Device Specifications

Power Consumption	80 Watts
Input Voltage	120VAC 60Hz
Fan Speed	3 levels (1/2/3) + Sleep Mode
Noise	Max. 61 dB(A)
CADR (clean air delivery rate)	Max. 61 dB(A)
Timer	2H/4H/8H
HOCI Generator Capacity	800ml/27.05 oz
HOCI Recipe	1 scoops of non-iodized salt: 800ml/27.05 oz. of water
Material & Finish	ABS, Glossy White & Copper
Recommended Room Size	460 square feet
Reminder	- Filter Replacement Reminder: 3-in-1 HEPA filter & Cold evaporation filter - Salt Level Reminder - Water Level Reminder
Dimensions (Machine)	13.6 (bottom diameter) x9.13 (top diameter) x35.18 (height) inches (347*232*893mm)
Dimension (Remote Control)	1.77 (bottom width) x 0.79 (top width) x4.13 (height) inches (45*20*105mm)
Net Weight	21.38 lbs (9.7 kg)



This product earned the ENERGY STAR by meeting strict energy efficiency guidelines set by the US EPA. US EPA does not endorse any manufacturer claims of healthier indoor air from the use of this product. The energy efficiency of this ENERGY STAR qualified model is measured based on a ratio between the model's CADR for Dust and the electrical energy it consumes, or CADR/Watt.

Using the Schedule Function

NOTE: The Schedule function is only available on the AAHE-50XX04C (Wi-Fi enabled) model via the DH Lifelabs App.

Using the DH Lifelabs App operation you can set up a schedule to turn the Aaira + HEPA on or off time (like an alarm clock) in advance. You can also set up the desired operating mode including, fan speed, disinfect on/off function or sleep mode. For example, if you set the machine on at 22:30 in sleep mode, it will be turned on immediately at 22:30 at night and enter sleep mode.

Product Warranty

This 2 year limited warranty applies to repair or replacement of product found to be defective in material or workmanship. This warranty does not apply to damage resulting from commercial, abusive, unreasonable use or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

DH Lifelabs IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from jurisdiction to jurisdiction. This warranty applies only to the original purchaser of this product from the original date of purchase.

At its option, DH Lifelabs will repair or replace this product if it is found to be defective in material or workmanship. This warranty does not cover damage resulting from any unauthorized attempts to repair or from any use not in accordance with the instruction manual. This warranty does not cover the filter except for material or workmanship defects.

Troubleshooting

Symptom	Probable Cause/Solution
Sterilizer does not operate.	Power cord not securely plugged into outlet. Make sure plug is securely inserted. No AC power. Check fuse or circuit breaker. Replace fuse with a time delay type or reset the circuit breaker.
Sterilizer is starting to make noise and the air output is low.	4-in-1 HEPA filter may be dirty or obstructed. Replace filter.
Air coming from Sterilizer has a bad odor.	HOCI generator is dirty or has contaminated water in it. Discard any water that is in the generator and thoroughly clean it, then refill with clean fresh water and non-iodized salt. NOTE: The first time you use the Sterilizer, you might perceive a plastic or paint smell. This is normal, but it should disappear quickly. If the smell persists or if you sense a burning smell, please disconnect the unit and contact Customer Assistance.
Air quality does not improve as the Sterilizer operates.	Windows or doors are open. Constant introduction of dirty air from outside the room can reduce the effectiveness of the Sterilizer. Close all exterior doors and windows.
Water added to Sterilizer but Water Level indicator still flashing.	Check that HOCI generator is properly seated in the Sterilizer. If it still does work after several trial with HOCI generator seated in place, pls contact Customer Assistance.
Salt Level indicator displayed even after salt has been added.	It takes some time to dissolve the salt and monitor the actual concentration. If it still does not work after some time, discard salt water solution and mix a new batch per the instruction carefully.
Salt Level indicator flashing after salt has been added.	Make sure amount of salt added is correct. If necessary discard salt water solution and mix a new batch per the instruction carefully.
The appliance is very loud.	Ensure that there are no obstacles near the appliance and that it has a minimum of 12 inches (30 cm) of clearance around it for optimal operation.
The app does not operate properly or it is not possible to sync the Sterilizer with the AiLivin smartphone app.	Contact Customer Assistance.

FCC Statement

Supplier's Declaration of Conformity:

Trade Name: DH Lifelabs

Models: AAHE-50WC04C / AAHE-50WC04 / AAHE-50WC04C

Responsible Party: Dernier & Hamlyn Inc.

Address: Dernier & Hamlyn Inc., 720 Northgate Parkway, Wheeling, IL 60090

Telephone Number: 1-877-548-9722

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Need Help?

1-877-548-9722

9 AM–6 PM, CST, Monday–Friday



Dernier & Hamlyn Inc.
720 Northgate Parkway
Wheeling, IL 60090

EPA EST. NO. 99117-CHN-1
MADE IN CHINA

*Aira + HEPA uses HOCl Technology that takes ingredients found in nature (water and non-iodized salt) and uses science (electrolysis) to create a powerful disinfectant.

**Dispose used products according to local regulations.

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