



Aaira + Humidifier

INSTRUCTION MANUAL | AAE-50XX05*

Created by nature.
Engineered by science.



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

The Aaira + Humidifier is a comprehensive device used to remove the bacteria and viruses from the air you breathe. It generates hypochlorous acid (HOCl) to disinfect the air while incorporating a cold evaporation filter (CEF).

*The Aaira + Humidifier is available in several colors. The model number AAE-50XX05's XX is the product color code.

Color code: WN is white & navy blue

WB is white & black

The cover's image is model: AAE-50WN05 and is only for display.

All the things you
need to know are here.

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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.
- ! When moving the machine, hold it by the base of the water tank and please take care to avoid spilling the water inside the machine. If water is spilled while moving, wipe the machine dry with a clean cloth before use. If water is spilled inside the machine while moving, do not use and allow the water in the machine to dry completely before.
- ! 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.
- ! 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.
- ! DO NOT LOCATE DIRECTLY BELOW A MAIN ELECTRICITY SUPPLY SOCKET.
- ! 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.
- ! 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.
- ! When removing the cold evaporation filter, take care to keep your fingers clear from in between the filter and the machine base.
- ! 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. Water Tank
2. Cold Evaporation Filter (CEF)
3. Cold Evaporation Filter Lid (CEF Lid)
4. Top Cover
5. Salt Bottle with 1 Gram Scoop
6. Power Cord
7. Pre-Filter

How It Works

The Aaira + Humidifier has a two-stage cleaning system to disinfect the air. A fan draws air in through the pre-filter at the bottom of the purifier. Inside, the air passes through the Cold Evaporation Filter and exits through the top cover. The two stages to the purifier are:

STAGE 1: Pre-filter.

The pre-filter has a screen that captures large airborne particles.

STAGE 2: Cold Evaporation Filter (CEF).

The CEF absorbs the HOCl water generated in the water tank. The HOCl water is evaporated as air passes through the CEF. This disperses the HOCl molecules throughout the airspace in the room allowing it to destroy a variety of bacteria and viruses.

Unpacking and Setup

1. Remove the air purifier from the box and check that all the items are included. It is a good idea to keep the packaging for storage or in the event it must be shipped back for service.
2. Remove the top cover and make sure the CEF and CEF lid are securely in place.
3. Place the Aaira + Humidifier on a flat, solid surface in proximity to an AC electrical outlet.
4. Connect the power cord to the Purifier, 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.

Getting Started

1

Make sure the Cold Evaporation Filter (CEF) is secure and the CEF lid is locked in place.



2

Fill salt bottle with non-iodized salt and place 3 scoops total (3 grams) on the top lid where indicated.



3

Close the top cover.



4

Fill water to MAX line, washing all salt off the CEF lid.

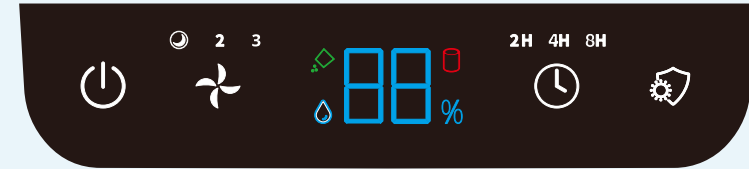


5

Press the power button to turn on and select fan and disinfect function.



Control Panel



On/Off

Powers the unit on and off



Fan Speed

(Sleep/2/3) Three fan speeds, including an ultra-quiet sleep mode



Timer

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



Disinfect

On and flashing when generating HOCl. Turn off for humidifier only function.



Humidity indicator

Shows the humidity rate in the room



CEF Replacement Indicator

Press Disinfect button for 3 seconds to reset the filter life countdown

Alerts



Low Salt Alert

Solid salt level indicator
Solid blue light
Sound alert



Low Water Alert

Solid water level indicator
Flashing blue light
Sound alert



High Salt Alert

Flashing salt level indicator
Flashing blue light
Sound alert

What to do:

One process solves all alerts

1. Power off device
2. Empty water tank
3. Rinse the CEF
4. Add 3 scoops total (3 grams) of non-iodized salt
5. Fill water to MAX line

Cleaning Your Aaira + Humidifier

The unit should be cleaned regularly. Clean the water tank with fresh water. Use a clean, dry cloth for the external surfaces of the machine. If water stays in the tank for 7 days follow the alert process.

Maintenance Alert

Flashing water level indicator
Flashing salt level indicator
Flashing blue light
Sound alert

What to do:

1. Power off device
2. Empty water tank
3. Rinse the CEF
4. Add 3 scoops total (3 grams) of non-iodized salt
5. Fill water to MAX line

Storage

When the device is not used for an extended time, we recommend that you empty the water tank and remove the CEF to let it dry, then store it in a cool dry place. Do not store the device where it might be exposed to excessive moisture or direct sunlight. The device may not operate effectively in very low temperatures. The device can be damaged when exposed to sub-freezing temperatures.

Operating Procedures

1. Press the On/Off button to turn the air purifier on. A start-up sound will play and all the indicators on the control panel will turn on for 3 seconds.
2. The On/Off button will be illuminated white, indicating that the purifier is in standby mode.
3. Press the On/Off button again to begin operation. The blue light in the water tank will turn on, the fan speed will default to level 2, and the Disinfect button will illuminate, indicating that the purifier is actively disinfecting the air in the room.

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 water tank
3. Take out the CEF
4. Add 50ml (2 oz) of 5% white vinegar; leave for 1 hour (**do not** turn device power on)
5. Empty and clean water tank with fresh water

4. Press the fan speed button to toggle the fan speed between sleep, 2, and 3 speeds. When sleep mode is selected, fan speed is reduced and the blue light inside the water tank will turn off.
5. Press the power On/Off button again to turn the purifier off.

Timer Operation

Press the timer button to toggle through the options (2H-4H-8H-None). Once selected, an internal timer controls operation of the purifier for the selected duration. Once the timer expires the purifier enters standby mode.

NOTE: Do not use this option if you want the purifier to run continuously.

Humidifier Operation

1. Fill the water tank with clean water. **DO NOT add salt to the tank.**
2. Press the Disinfect button to toggle the Disinfect function off. This will stop the disinfection function.

CEF Replacement

1. Remove the CEF lid.
2. Unscrew the CEF from the tank and discard. **NOTE: Handle the new CEF by the end caps to avoid touching the element, this will prevent possible contamination of the filter element.**
3. Remove the replacement CEF from packaging and screw it into the bottom of the water tank. Plug in the power cord.
4. Turn on the Purifier and press and hold the Disinfect button for three seconds to reset the filter life countdown.

If you replace the filter before the accumulated life time is reached, the filter life timer cannot be reset. To purchase replacement filters, please visit: www.dhlifelabs.com

Troubleshooting

Symptom	Probable Cause/Solution
Low air flow	Check that Pre-Filter and the air inlet are free from obstructions and not blocked by dust, trash, etc. Clean as necessary.
Emits a chlorine (disinfection) smell	Chlorine smell is normal. You can change to sleep mode to minimize the smell in the room.
Air from the Purifier smells bad	Check that water tank and CEF are clean. Clean water tank regularly and replace CEF as necessary.
The Purifier has been tipped over or fallen	Immediately unplug the power cord. Lift up the Purifier and wipe off any water on the surface of the machine. Allow the Purifier to completely dry before resuming operation.
Water added to Water Tank, but water level indicator is still flashing (Low water alert)	Water level sensor might be defect. Please discard all water in the tank and check again. If it still does not work, contact Customer Support.
Salt Level indicator displayed (Low salt alert) even after salt has been added	<ol style="list-style-type: none"> 1. It takes some time to dissolve the salt and monitor the actual concentration. If it still does not work after some time, please follow low salt alert procedure in the instruction to do. 2. If the alert keep popping out, it might be the lime scale building up in the machine over time, please follow descaling alert procedure in the instruction to do. Noted that due to the different usage environments in different places, the scaling will be slightly different; if the alert has not been released after descaling procedure, please kindly longer the soaking time or repeat the descaling procedure one more time. If it still does not work after repeat action, contact Customer Support.
Salt Level indicator flashing (High salt alert) after salt has been added	Make sure amount of salt added is correct. Please follow high salt alert procedure in the instruction to do a new batch.

For any issues not covered here, contact Customer Assistance.

Device Specifications

Model Number	AAE-50XX05
Power Consumption	22 Watts
Input Voltage	120 VAC, 60Hz
Fan Speed	3 levels (Sleep/2/3)
Noise	MAX. 44 dB
Timer	2H/4H/8H
Water Tank Capacity	2500ml/84.54oz.
HOCl Recipe	3 scoops (3 grams) of non-iodized salt: 2500ml/84.54oz. of water
Material & Finish	ABS, Glossy White & Silver belt
Recommended Room Size	538 ft ² (50 m ²)
Reminder	- Filter Replacement Reminder: CEF - Salt Level Reminder - Water Level Reminder
Dimensions	H13.6 x Dia10.6 inches (H347x Dia270 mm)
Net Weight (without water)	7.28 lbs (3.3 kg)

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 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, D&HLifelabs 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.

FCC Statement

Supplier's Declaration of Conformity:

Trade Name: DH Lifelabs

Models: AAE-50XX05

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



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

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

*The Aaira + Humidifier 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.