

MORENTO

AIR PURIFIER

USER MANUAL

Model: HY4866



Email: support@morento.net

DIRECTORY

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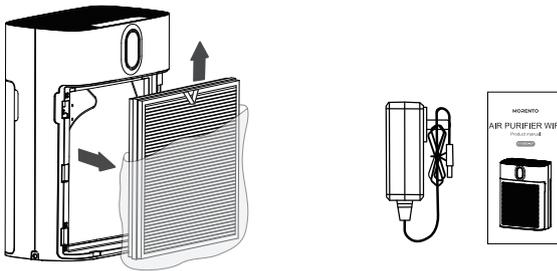
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A. PRINCIPLES OF AIR PURIFICATION

HEPA filter can effectively filter most airborne particulate pollutants larger than $0.3\mu\text{m}$ in diameter, such as PM2.5, dust particles, pet dander, pollen, cigarette smoke and odor, etc., so as to achieve the purpose of air purification.

B. AIR PURIFIERS AND ACCESSORIES

Packing list: – Air Purifier– HEPA Filter*2– Power Adapter – User Manual



Note: The hepa filter is protected with packing bag, unpack the filter before using.

C. SPECIFICATIONS

Model	HY4866
Power Supply	24V/2.5A
Power	3–48W
CADR(CFM)	176 CFM/300 m ³ /h (MAX)
Area Coverage	<1076Ft ² /100m ² Note: Effective for larger rooms but purification will take longer.
Operating Conditions	Temperature: 14°–104°F /–10°–40°C Humidity: ≤ 80% RH
Noise Level	23–55dB
Main material	ABS
Product Dimensions	13.18x 7.63 x 17.51 in /33.5 x 19.4 x 44.5 cm
Weight	7.96 lb / 3.62 kg
Power Adapter	Input: 100–240V 50/60Hz Output: 24V/2.5A

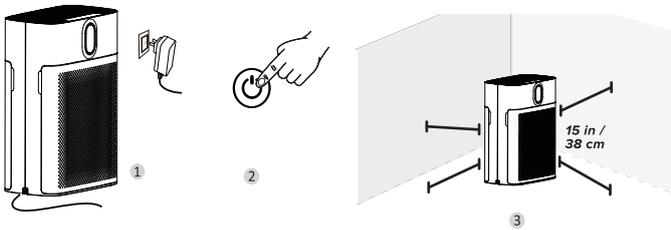
Air Changes Per Hour	Area Coverage
5	219 Ft ² / 20 m ²
3	376 Ft ² / 35 m ²
2	538 Ft ² / 50 m ²
1	1076 Ft ² / 100 m ²

Various Wind Power

Sleep mode	3.2W
1 speed	7.5W
2 speed	14.5W
3 speed	27W
4 speed	48W

D. USE YOUR AIR PURIFIER

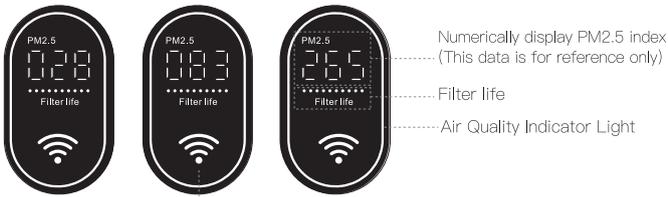
Note: The power adapter is at the bottom of the air purifier, Make sure to remove the protective bag before first use. The Air purifier adopts double-sided air intakes. Appropriate clearance should be maintained when placed against a wall.



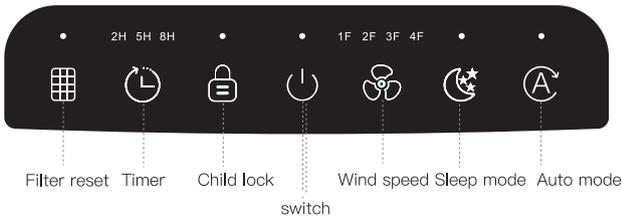
Note: The power inlet is located at the lower left of the product.

- 1、 Connect the power adapter to the side port of the air purifier and connect the socket. When the air purifier beeps and the power button flashes, the air purifier is ready
- 2、 Tap  to turn on the purifier.
- 3、 When using the air purifier, allow at least 15 inches / 38 cm of clearance from the front of the air purifier. Keep away from anything that would block air flow, such as curtains.

E. LCD SCREEN AND CONTROL PANEL



Not connected: The “pattern” will breathe slowly.
 Connecting to WiFi: The “pattern” will blink rapidly.
 Successfully connected and online: The “pattern” will remain lit.
 Connected but offline: The “pattern” will be off.



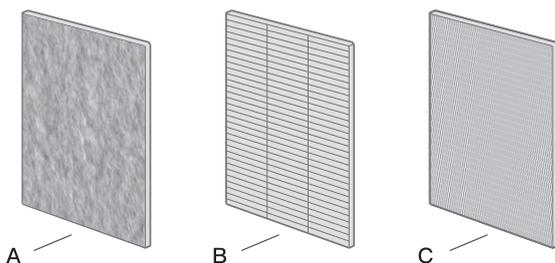
Air Quality Indicator Color	Air quality	Auto mode fan speed	PM 2.5 range
Green	Very good		0–39ug/m ³
Green	Good		40–75ug/m ³
Orange	Moderate		76–150ug/m ³
Red	Bad		>150ug/m ³

Note: When no pollution is detected for 2 hours of operation in 4F mode, the fan will automatically set to Auto to save energy.

F. HOW TO OPERATE THE UNIT

1.  Tap to change wind speed to 1F, 2F, 3F, 4F.
2.  Under sleep mode, the air purifier will work at the quietest wind speed and minimized light. When the screen is activated again, it will exit sleep mode
3.  Automatically adjust the wind speed according to the detected air quality
4.  Can cycle between 2h, 5h, 8h.
5.  Press and hold for three seconds to lock/unlock the air purifier
6. In the power-on state, the filter timing starts to consume, and the initial time is 2000 hours. Touch  to display the filter life percentage on the screen in real time, and the initial value is F99. When F00 is used, the screen displays the filter life from constant on to flashing and the filter key light also flashes
7. When the percentage reaches F00,  flashes, after replacing the filter, press and hold this key for 5 seconds until you hear three beeps, the screen displays F99, the filter life changes from flashing to steady light,  stops flashing, Reset completed (Users can replace the filter in advance according to the usage environment and reset the filter in this way)
8.  Turn on the device and press the power button for about 5 seconds until you hear a “beep” sound, and the LCD screen displays “RS”. After 3 seconds, the device will restore default settings, and the reset of the Wi-Fi connection will be completed.

G. ABOUT THE FILTER



Note: Unlike the standard filter element, the outer layer of the enhanced filter element is covered with a layer of electrostatic cotton.

A. Electrostatic Cotton Filter

- Captures large particles such as dust, lint, fibers, hair, and pet fur.
- Maximizes the filter's life by protecting it.
- After the electrostatic cotton is covered with dust, it can be removed or washed to increase filtering efficiency.

B. H13 True HEPA Filter

- Traps at least 99.97% of airborne particles 0.3 microns in size.
- Filters small particles such as fine dust, smoke particles, and allergens such as pollen and pet dander.

C. High-Efficiency Activated Carbon Filter

- Physically adsorbs smoke, odors, and fumes.
- Filters compounds such as formaldehyde, benzene, ammonia, hydrogen sulfide, and volatile organic compounds (VOCs).

Clean Air Delivery Rate

- This air purifier has a Clean Air Delivery Rate of 177 cubic feet per minute (CFM), or 300 m³/h.
- Clean Air Delivery Rate (CADR) measures the efficiency of an air purifier by indicating the volume of clean air that an air purifier produces per minute. This is based on removal of dust, pollen, and smoke, which are the 3 most common indoor air pollutants. The higher the CADR, the more particles the air purifier will remove and the larger the area it can clean. The rating is measured at the air purifier's highest speed.

PRECAUTIONS



1. Non-professional maintenance personnel are prohibited from dismantling and refitting the air purifier.
2. Prohibit the use of power beyond the specification.
3. Do not get the air purifier wet.
4. Do not wipe the air purifier with alcohol or organic solvent.
5. Avoid suing the unit around heavy, oily smoke.
6. Do not spray insecticides in or on the unit.
7. Do not run the unit if the power cord is damaged.
8. It is forbidden to use different types of power adapters
9. Tip: Don't block the PM2.5 sensor



1. Please pay attention to ventilation when using the air purifier and gas appliances at the same time.



1. Close doors and windows to effectively and quickly purify indoor air.
2. Inspect the power plug regularly for any damage.

NOTE If any of the following happens, unplug the power immediately.

- No button are working.
- Short circuit.
- The power cord or plug becomes abnormally hot.
- There is a burning smell or unusual sound and vibration.
- Other abnormal phenomena or malfunctions.

Problem checking

No Power

- Check power cord plug is completely plugged into the unit.
- Ensure the wall outlet has power.

No wind coming from the unit

- Ensure the unit has power and try increasing the fan speed.
- Make sure nothing is blocking the air intake.
- Ensure nothing has fallen into the unit from the top panel to prevent the fan from being stuck

Indoor odor is difficult to be removed

- The effectiveness of the filter may have been run out. Please replace the filter.

If the air purifier still doesn't work, please unplug the unit and contact our support team.

I. TROUBLESHOOTING

When abnormal condition happens, please check the following before sending the air purifier to repair.

Problem	Possible Solution
Air purifier will not turn on or respond to button controls	<ol style="list-style-type: none"> 1. Plug in the air purifier. 2. Check to see if the power cord is damaged. If it is, stop using the air purifier and contact Customer Support. 3. Plug the air purifier into a different outlet. 4. The air purifier may be malfunctioning. Contact Customer Support.
Airflow is significantly reduced or no wind	<ol style="list-style-type: none"> 1. Make sure the filter is removed from its packaging and properly in place. 2. Tap  to increase the fan speed. 3. Make sure no objects are blocking the front, sides, or top of the air purifier (the inlet or outlet) 4. Leave 15 inches / 38 cm of clearance from the front of the air purifier. 5. The filter may be clogged by large particles, such as hair or lint, blocking airflow. Please replace the filter
Air purifier makes an unusual noise while the fan is on	<ol style="list-style-type: none"> 1. Make sure the filter is properly in place with plastic packaging removed . 2. Make sure the air purifier is operating on a hard, flat, level surface. 3. Replace the filter . 4. The air purifier may be damaged, or a foreign object may be inside. Stop using the air purifier and contact Customer Support Do not try to repair the air purifier.
Poor air purification quality or odor is difficult to remove	<ol style="list-style-type: none"> 1. Tap  to increase the fan speed. 2. Make sure no objects are blocking the front, sides, or top of the air purifier (the inlet or outlet). 3. Make sure the filter is removed from its packaging and properly in place. 4. Close doors and windows while using the air purifier. 5. If the room is larger than 219 ft² / 20 m², air purification will take longer. 6. Check that whether the filter adsorbed too many pollutants to capture, if yes, replace the filter.
Strange smell coming from the air purifier	<ol style="list-style-type: none"> 1. Clean the filter, or replace it. 2. Make sure not to use your air purifier in an area with high humidity or while diffusing essential oils. 3. Contact Customer Support.

Problem	Possible Solution
Air Quality Indicator light always stays green, even when the air quality is poor	<ol style="list-style-type: none"> 1. Make sure no objects are blocking the PM2.5 sensor of the air purifier. 2. Leave 15 inches / 38 cm of clearance from the front of the air purifier. Keep away from anything that would block air flow, such as curtains. 3. The PM2.5 sensor detects airborne particles, but it cannot detect gas. Make sure there aren't gasses polluting the air.
Air Quality Indicator always stays red	<ol style="list-style-type: none"> 1. Clean the PM2.5 sensor outlet. 2. If you are using an ultrasonic humidifier near the air purifier, the mist may affect the accuracy of the PM2.5 sensor. The PM2.5 sensor will detect the large mist particles, and the Air Quality Indicator may turn red. Avoid using an ultrasonic humidifier near the air purifier, or avoid using Auto Mode.
Numerically display PM2.5 index always stays 000	<ol style="list-style-type: none"> 1. Make sure no objects are blocking the PM2.5 sensor of the air purifier. 2. Contact Customer Support.
 is still flashing after replacing the filter	<ol style="list-style-type: none"> 1. Reset and check filter indicator. 2. Press and hold  for 5 seconds until you hear three beeps, the screen displays F99,  will stop flashing and reset completed.
Air purifier randomly turns off	<ol style="list-style-type: none"> 1. Air purifier is malfunctioning. Stop using the air purifier and contact Customer Support.

After checking the above items, if the air purifier still doesn't work, please unplug the power and contact the agent for repair.

Note:

If not using the air purifier for an extended period of time, wrap both the air purifier and the filter in plastic packaging and store in a dry place to avoid moisture damage.

MAINTENANCE

The unit needs regular maintenance to ensure that the air purifier is at optimal performance. Regularly wipe the air inlet and outlet with a soft, damp cloth. Allow unit to dry completely before turning back on.

Instructions of cleaning filter:

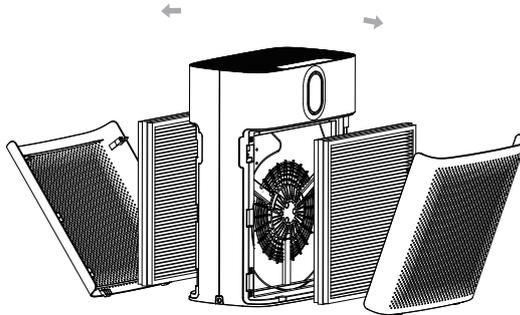
1. Turn off the unit and unplug the power cord.
2. open the filter cover and remove the filter.
3. use a soft brush or vacuum cleaner to clean the filter.
4. Tip: you can place the filter in direct sunlight for 1–3 hours. Do not allow the filter to get wet.

Note: Above actions only help to maintain filters' performance.

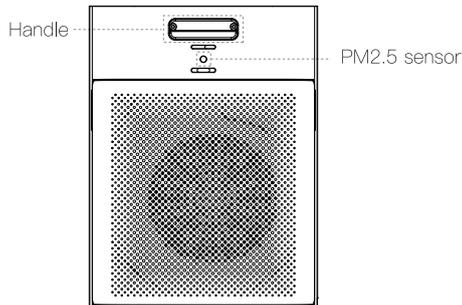
Reset Filter Indicator:

When the filter needs to be replaced, the filter indicator light will flash to remind you.

1. Turn off the device and unplug the power cord from the left side of the device.
2. Open the purifier cover from the notches on both sides and remove the filter.
3. Install the new filter (remove the protective plastic bag) and reset the cover.
4. Press and hold the filter button for 5 seconds until you hear 3 beeps to complete the reset of the filter indicator



Tip: PM2.5 sensor (don't block the sensor)



- **Federal Communication Commission Interference Statement—part 15**

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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

- **Fcc Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

- **Fcc Sdoc Supplier's Declaration Of Conformity**

MORENTO hereby declares that this equipment is in compliance with the FCC requirements. The declaration of conformity may be consulted in the support section of our website, accessible from support@morento.net

EXCEPTION CLAUSES

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons:

1. Damage to the product due to improper use or misuse of the
2. The alteration, change, maintenance product with other equipment without abiding by the instruction manual of manufacturer;
3. After verification, if the defect of the product is directly caused by corrosive gas;
4. After verification, if the defects are due to improper operation during the transportation of the product;
5. After verification, if the problem or dispute is caused by the quality specification or the performance of the parts and components that were produced by other manufacturers;
6. In case of operation, repair or maintenance of the unit without abiding by instruction manual or related regulations;
7. If the damage is caused by natural calamities, incorrect environment use of force majeure.

WARRANTY

Terms & Policy

The product delivered to the original purchaser is warranted to be free from material and workmanship defects. The manufacturer warrants this product, under normal conditions of use, for a time period of one year from the date of the original purchase. The manufacturer guarantees, subject to verification of the defect or malfunction and proof of purchase, that any repairs, or furnish of an equal product, will be done without charge, at our option during the given warranty period.

The product comes with no other express warranty.

The warranty becomes void under the following circumstances:

- The product is modified from its original state.
- The product was not used in accordance with the instruction given in the user manual.
- There are damages or defects due to accident, abuse, misuse, or improper maintenance.
- There are damages or defects due to servicing or repairs done by unauthorized service providers.
- There are damages or defects due to commercial or rental use, or other uses for which the product is not suitable for.
- There are damages or defects that exceeds the total cost of the product.

M. CUSTOMER SUPPORT

If you have any questions or concerns about your new product please contact our helpful Customer Support Team.

- Please have your order invoice and order ID ready before contacting Customer Support.

We are proud of our exquisite customer support service, treating everyone like they're part of our family.

For more information, please visit our website Contact us anytime!

Email: support@morento.net

MADE IN CHINA



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