Provirtec

User Manual

HEPA Air Purifier AP-12 Pro



Quickstart to Video in 5 Minutes!

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READ AND SAVE THESE INSTRUCTIONS

Important Safety Instructions

When using an electrical appliance, basic precautions should always be followed, including the following:

1. Read all instructions before using (this appliance).

2. WARNING: RISK OF ELECTRIC SHOCK – These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

3. The product is not to be operated by any supply sources other than Class 2 Power Unit, and the product is to be used only with A Class 2 Power Unit.

4. WARNING:The UV lamp of this product is not replaceable.

5. The UV lamp shall be handled and disposed in accordance with local regulations.

6. CAUTION: high voltage

7. CAUTION: This equipment should be inspected frequently and collected dirt removed from it regularly to prevent excessive accumulation that may result in flashover or a risk of fire.

8. CAUTION: DO NOT DEFEAT INTERLOCK.

9. WARNING: DISCONNECT POWER SUPPLY BEFORE SERVICING.

10. This product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24 h period.

Power Supply

Follow the instructions below when using the power adapter and outlet to avoid fire, electric shock or damage.

1. The air purifier is directly powered by the power adapter and does not support charging or battery storage.

2. Do not excessively pull, twist, or bend the power cord, as this may expose the wire core or cause the core to break.

3. Connect the power adapter to a suitable power outlet (AC 100-240V, two-prong flat power outlet).

4. Use the provided power adapter only. Do not use other brands of power adapters.

5. Disconnect the power before performing maintenance or moving the air purifier.

6. If the power adapter is damaged, you must purchase a dedicated power adapter for replacement from the manufacturer.

During Use

1. If abnormalities such as unusual noise, odor, high temperature, or irregular fan rotation occur, stop using the air purifier immediately.

2. Do not insert fingers or foreign objects into the air inlet, air outlet, or detection port to avoid accidents.

3. Do not allow hair or other fabrics to come near to the main unit, to avoid being pulled in or blocking the air inlet and the air outlet.

4. Do not sit on, lean on, or tilt the main unit to avoid malfunction of the air purifier.

5. Do not use the air purifier simultaneously with household gas appliances, such as gas stoves, gas water heaters, to avoid igniting the air purifier.

6. Do not pour liquids, powders, or small particles from the air outlet into the main unit to avoid malfunction or safety accidents.

7. To Reduce The Risk Of Fire, Electric Shock Or Injury To Persons, Do Not Use Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. Parts Made At Home Using A 3D Printer).

Use Restrictions

Do not use in the following situations, as it may result in electric shock, fire, or other damage.

1. Keep the main unit, especially the air inlet, away from open flame devices, such as candles, incense burners, stoves, fireplaces, cigarettes, firecrackers, lighters, electronic ignition spray guns, igniters, fire pits, etc.

2. Keep the main unit away from high-temperature heating devices, such as electric heaters, space heaters, foot warmers, electric stoves, irons, etc. Keep flammable materials away from the main unit.

3. Do not place the air purifier on an uneven, sloping, or small tabletop where it may easily tip over.

4. Do not place the air purifier in bathrooms, basements, or other damp locations where it may get wet.

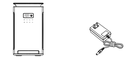
5. This air purifier is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or who lack of experience and knowledge, unless they have been given supervision or instruction regarding use of the air purifier by a person responsible for their safety.

6. Keep away from children to prevent them from playing with the air purifier.

Specification

Product	HEPA Air Purifier
Model No.	AP-12 Pro
Adaptor Input	100-240V~
Rated Power	48W
Output Power	24V⎓2A
Dimensions	24X24X42.2cm/9.44X9.44X16.6in

Package Contents



Air Purifier x1

Power Adapter x1 (Stored inside the filter)



4-in-1 Filter x1

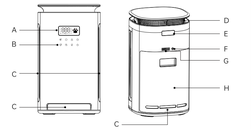


Pre-filter x4 (one attached to the 4-in-1 filter)



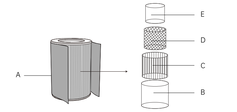
User Manual x1

Introduction



A. Display	E. Aroma Tray
B. Control Panel	F. Power Port
C. Air Inlet	G. PM 2.5 Detection Port
D. Air Outlet	H. Filter Compartment

About the Filter



A. Pre-Filter
Captures long strips/large particles such as lint, fibers, and hair. Protect 4-in-1 filter and extends its lifespan.

B. Nylon Pre-Filter
Captures fine strands/small particles such as cotton fluff and dander.

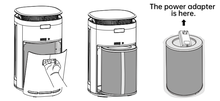
C. H13 True HEPA Filter
Physically adsorbs allergens such as smoke, fine dust, and pollen, capturing very small particles.

D. Activated Carbon Filter
Physically adsorbs pet dander, pet odors from excretions, and adsorbs gaseous pollutants from cooking, smoking, etc.

E. Odor-Reducing Filter
Decomposes odor molecules to deliver clean air.

Assembly Instructions

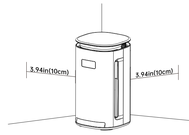
1. Take out the filter.
Open the back cover and remove the filter and power adapter.



2. Install the filter.
After taking out the adapter and removing the filter packaging, place the entire filter into the filter compartment, and close the back cover.
Note: One pre-filter is **already attached** on the outside of the filter at the factory, so no extra installation is needed for the first use.



3. Place properly.
Place the air purifier on a flat and stable surface. Make sure the air inlet is at least 10cm (3.94in) away from walls or other obstructions.

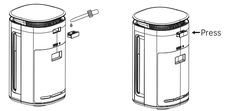


4. Connect the power.
Connect the provided power adapter to the power port on the air purifier, then plug it in.



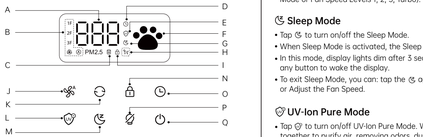
5. Use the aroma tray.

Press to remove the aroma tray, remove the aroma pad's plastic packaging, place it in the aroma tray, and add 5-10 drops of essential oil/aroma (Not Included).



Add 5-10 drops of essential oil/aroma (Not Included)

Controls & Indicators



A. PM2.5 Display	J. Fan Speed
B. Fan Speed Indicators	K. Filter Reset
C. Filter Reset Indicator	L. UV-Ion Pure Mode
D. Timer Indicator	M. Sleep Mode
E. UV-Ion Pure Mode Indicator	N. Child Lock
F. Air Quality Indicator	O. Timer
G. Sleep Mode Indicator	P. Display Off
H. Pet Mode	Q. On/Off
I. Child Lock Indicator	

On/Off

- Tap to turn on/off the air purifier.
- **First-time Use:** Starts at **fan speed level 1.**
- **Not for the First Time:** Resumes last used mode (Auto, Sleep , Pet Mode or Fan Speed Levels 1, 2, 3, Turbo).

Sleep Mode

- Tap to turn on/off the Sleep Mode.
- When Sleep Mode is activated, the Sleep Mode Indicator will light up.
- In this mode, display lights dim after 3 seconds of no operation. Tap any button to wake the display.
- To exit Sleep Mode, you can: tap the again, switch to Pet Mode, or Adjust the Fan Speed.

UV-Ion Pure Mode

- Tap to turn on/off UV-Ion Pure Mode. When on, UV and ions work together to purify air, removing odors, dust and other airborne pollutants.

Timer

- Tap to set the air purifier's scheduled shutdown.
- The first tap displays the current timer setting. The settings cycle through 1-8H. When successfully set, the will light up.

Child Lock

- Press and hold for 3 seconds to enable/disable the lock.
- When Child Lock is enabled, all buttons are locked and cannot be operated.

Filter Reset

- When the filter life is <10%, the will light up. To ensure optimal purification performance, please purchase a new filter for replacement. After replacing the filter, long press for 3s to reset the filter life to 100%. After reset , will off.

Fan Speed

- Tap to cycle through the following settings: Level 1, 2, 3, Turbo, Auto Mode and Pet Mode.
- When **Auto Mode** is activated, will light up. The purifier will automatically adjust fan speed based on air quality (PM 2.5 levels); it will operate at a higher speed when air quality is poor and a lower speed when air quality is good.
- Running at Turbo delivers maximum airflow, accompanied by a normal increase in sound.
- In **Pet Mode**, hair capture is enhanced, and the fan speed changes smoothly according to air quality.

Display Off

- Tap to turn on/off the display lights.

Filter Replacement Indicator

Indicator Status	Statement
On	Filter life is <10%, indicating the filter needs to be replaced.
Off	Filter life is >10%, indicating the filter is functioning normally.

PM2.5 Display

- When the air purifier is powered on, it shows the real-time concentration of PM2.5 particles.
- When a timer is set, the display shows countdown (e.g., "01H"), then returns to displaying the PM2.5 value.

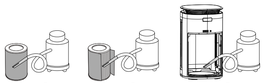
About the Air Quality Indicator

Indicator Color	PM 2.5 Value	Air Quality
Blue	0-35ug/m³	Very Good
Green	36-75ug/m³	Good
Yellow	76-115ug/m³	Moderate
Red	>116ug/m³	Poor

Maintenance & Care

Filter Cleaning

1. Use a vacuum cleaner to clean the pre-filter or rinse it with water. Please note: ensure its completely dry before reuse.
2. Use a vacuum cleaner to clean the 4-in-1 filter only.
Note: The 4-in-1 filter cannot be washed with water or machine washed.
3. Use a vacuum to clean the filter compartment as well.



Pre-Filter Replacement

We recommend replacing the pre-filter every 4 to 6 months, though this may vary based on how often it's used.

4-in-1 Filter Replacement

The 4-in-1 filter has a lifespan of 16-24 months. When the filter life is <10% (remaining life of about 1 month), the will light up in red to remind the user to replace the filter.

Note:

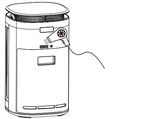
1. Only use official Provirtec replacement filters.
2. The actual filter lifespan may vary depending on the frequency of use in each household, so refer to actual conditions.



Replace the filter when this indicator is on.

PM2.5 Detection Port

If the PM2.5 value remains high and does not decrease even after continuous purification, it may be due to dust accumulation caused by long-term use. In this case, you can use a hair dryer (on the cold air setting) and blow air diagonally toward the PM2.5 detection port to blow out the dust inside the detection port, so that the PM2.5 sensor can resume normal operation.



Troubleshooting

The air purifier cannot be powered on.

1. Make sure you are using the provided power adapter to power on the air purifier.
2. Make sure the power-on operation is correct. Gently tap the On/Off without holding your finger on it.
3. Make sure the power adapter and the air purifier are connected properly.

Unable to control the air purifier through the control panel.

1. Check whether you turn on the child lock.
2. Check whether your hands are wet, which may affect the touch control.
3. Try to power off the air purifier, and restart it.

PM2.5 cannot be detected or PM2.5 is displayed incorrectly.

1. Check whether the PM2.5 detection port is blocked by any objects.
2. Check whether the PM2.5 detection port has not been cleaned for a long time. You can use an air dryer (cold air) to remove the dust.
3. Please Note: The PM2.5 sensor detects particles, not gaseous pollutants (odors/VOCs). The PM2.5 reading will not change due to odors.

Poor air purification effect.

1. Make sure to remove the filter packaging.
2. Adjust the air purifier to a higher speed.
3. Clean or replace the filter.

Abnormal noise.

1. Make sure to remove the 4-in-1 filter packaging, and that the filter is installed properly.
2. Make sure there are no obstructions within 3.94in (10cm) around the air purifier.
3. Make sure there are no foreign objects in the air outlet, air inlet, or filters.

The air purifier shuts off unexpectedly.

1. The air purifier has a built-in tilt protection sensor. If the purifier tilts, it will automatically shut down. Simply place the purifier upright and turn it on to use.

When to replace the filter.

1. **Filter replacement indicator reminder:** Check whether the filter needs to be replaced when the filter replacement indicator lights red. The filter replacement indicator will light up in red when the filter life is <10%. This typically occurs after 16-24 months of use. The percentage of filter life is calculated based on 8 hours of daily use.

2. It may also be necessary to replace the filter when the **following situations occur.**
(1) A significant increase in noise while the air purifier is operating.
(2) Reduced airflow from the air purifier outlet.
(3) Dust accumulation on the filter even after vacuuming, with no improvement in purification performance.

Note: To ensure optimal performance of the air purifier, always use Provirtec filters that are compatible with this air purifier. Remember to reset the filter after replacement by pressing .

Why is the PM2.5 reading still low even when you smell an odor?

The number displayed on your air purifier is the reading for PM2.5, which measures tiny airborne solid particles (like dust and dander), **not odors.**

Odors are caused by gaseous pollutants (VOCs). Because they are two different things, the PM2.5 number can remain low even when the purifier's activated carbon filter is actively working to adsorb and decompose the odor molecules.

Notice

FCC Statement

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.

Warning:

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Warranty

12-month warranty for the product.
60-day money-back guarantee for quality issues.
Note: Damages caused by the disregard of this user manual are not subject to warranty.

Contact Us

At Provirtec, we value your experience. If you have any questions about our product, please contact us through our store. Our dedicated team will respond promptly to provide you with the support you need. Thank you for choosing Provirtec, and we look forward to serving you.