

Philipiak
MILANO
1967

AIR PURIFIER

KJ-350F



User manual

Before using the appliance, read this manual carefully.

Congratulations on your purchase and thank you for the trust you have placed in our brand.

The Philipiak KJ-350F air purifier operates based on numerous modern technological solutions; therefore, we kindly ask you to read this manual carefully. We also recommend keeping it for future reference.

Should you have any additional questions, please contact our Customer Service Office.

Kind regards,
The Philipiak Milano Team

Product Description

The Philipiak KJ-350F air purifier filters, purifies and humidifies the air, increasing breathing comfort.

Removes smoke and pollen – all types of dust and smoke (e.g. tobacco smoke, cooking fumes, etc.) that are harmful to health. The filtration system installed in the device effectively eliminates these factors, thereby reducing local indoor air pollution in homes and offices.

Neutralises unpleasant odours – the Ozone function supports the neutralisation of unpleasant smells.

Active oxygen function – active oxygen is known as one of the strongest oxidising agents. It supports the reduction of microorganisms. It helps in daily health care by disinfecting and purifying the air.

High concentration of negative ions – negative ions have a confirmed ability to neutralise harmful substances; in this way, they support metabolism and strengthen the body's immunity.

Four filtering layers:

- Antibacterial filter mesh – removes dust, hair, pollen, etc.
- Carbon fibre mesh – filters formaldehyde. Removes formaldehyde and other volatile organic compounds.
- Modified activated carbon layer – removes volatile organic compounds, formaldehyde, unpleasant odours and harmful gases.
- HEPA 13 filter with antibacterial coating – effectively removes fine dust and smoke.

Breaks down formaldehyde – active oxygen, with its strong oxidising properties, is capable of quickly breaking down formaldehyde, benzene, all volatile organic compounds, other harmful gases and odours.

Product Description

UV Lamp – UV rays with biocidal properties perform many beneficial functions, including killing all types of microorganisms, such as viruses, bacteria, fungi, mould and other microbes. UV technology eliminates bacteria and viruses from the air that pose a threat to health.

Active Oxygen Function O3 – used to neutralise unpleasant odours, combat allergens such as dust mites, and as a disinfecting and bactericidal agent. It makes the air fresh and clean.

Humidifier Function – minimises the likelihood of health problems that may worsen or be caused by dry air, such as breathing difficulties, skin problems, cough, etc.

Safety Instructions

Read the following instructions to ensure safety for yourself and those around you.

- The appliance must be connected to a 220–240 V power supply.
- To avoid fire and electric shock, do not immerse the device in water or other liquids.
- Do not use alcohol or solvents to clean the device.
- Do not use the appliance in places with high temperature or high humidity (e.g. bathroom). This may cause damage to the device or electric shock.
- Do not direct the airflow directly towards plants or animals.
- To avoid damage or electric shock, always disconnect the appliance by gripping the plug, not the cord.

Safety Instructions

- Do not touch the plug or power cord with wet hands. This may cause electric shock.
- If the appliance operates simultaneously with a heater or water heater, ensure that the room is properly ventilated.
- During ozone operation and for 30 minutes after it has finished, do not enter the room. This also applies to animals.
- Protect the appliance from moisture. Wetting the device may cause a short circuit or electric shock.
- Before cleaning the appliance, ensure that it is disconnected from the power supply; otherwise, electric shock may occur.
- Make sure that the plug is properly connected to the socket. Otherwise, electric shock or fire may occur. Do not use a damaged plug or a damaged power outlet.
- Do not damage the power cord or the socket. Do not cut, repair, excessively bend or stretch the cord. This may cause overheating of the power cord, which in turn may result in fire. For repair of the power cord or plug, contact the Customer Service Office.
- Do not pull the cord, regardless of whether the appliance is being moved or standing still. This may cause a short circuit or breakage of the internal section of the cord, which may result in fire or electric shock.
- Do not insert any materials into the air inlet or outlet, as this may cause damage to the fan.
- Do not operate the appliance if the power cord is tightly coiled or wrapped. This may damage the internal wires and result in a short circuit, fire, or electric shock.
- Do not repair the appliance or disassemble it yourself. Unauthorised repair may result in damage to the appliance or electric shock.

Operation

- Do not allow flammable or volatile materials (e.g. cigarettes) to enter the interior of the appliance. This may cause fire.

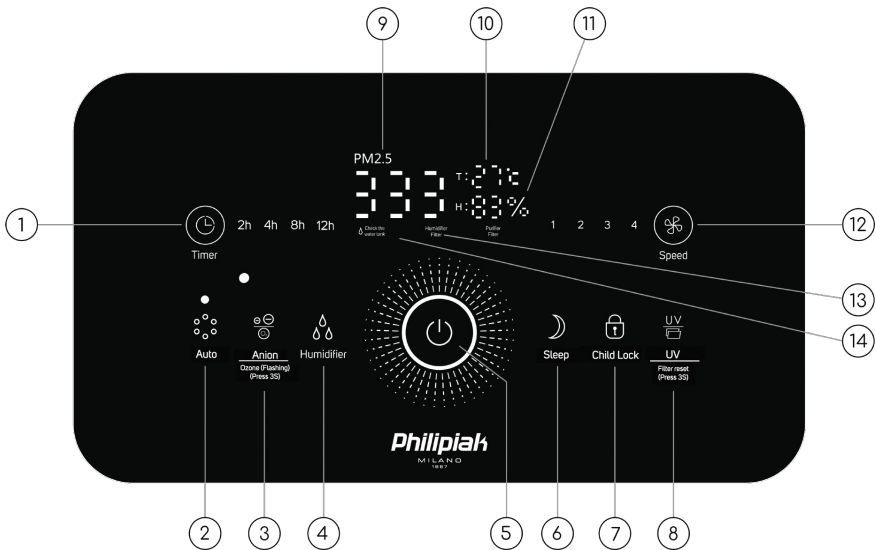
In the event of one of the following situations, please disconnect the power supply and contact the Customer Service Office:

- One of the buttons does not work.
- The power cord or its plug is overheating.
- An unusual sound occurs or a burning smell is noticed.
- The power cord is damaged.
- The appliance cannot be started.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, unless they are supervised by an adult responsible for their safety.

Device Characteristics

Control panel diagram:



Device Characteristics

- 1 – **Timer** button
- 2 – **Auto** on/off button (automatic mode)
- 3 – **Anion** on/off button (ionisation), and by holding the button for 3 seconds – **Ozone** on/off (ozonation)
- 4 – **Humidifier** on/off button (humidification)
- 5 – **Power** on/off button (⏻)
- 6 – **Sleep** on/off button
- 7 – **Child Lock** on/off button (parental lock), hold for 3 seconds
- 8 – **UV** lamp on/off / **Filter reset** button (disinfection / filter reset)
- 9 – **PM2.5** sensor data
- 10 – Air temperature indicator / **T**:
- 11 – Air humidity indicator / **H**:
- 12 – **Speed** button (fan speed adjustment)
- 13 – **Filter** indicator informing about the need to replace the filter
- 14 – **Check the water tank** indicator informing about the need to refill the water tank

Operating time settings (**Timer**) – the device counts down the operating time after which it will automatically switch off. The timer can be set to 2 h, 4 h, 8 h, 12 h.


Fan speed settings (**Speed**):


- 1 – low speed
- 2 – medium speed
- 3 – high speed
- 4 – very high speed



The PM2.5 particle sensor installed in the device distinguishes particles measuring 2.5 µm and smaller (PM2.5) from dust particles suspended in the air. This makes air purification more effective.

Device Operation

Standard Operating Mode

Power on/off function  :

Connect the power supply – you will hear a “Beep” sound and all LEDs on the control panel will light up. One second later, only the power on/off  button will remain lit in red. The device is in standby mode.

In this mode, the LED  pulses. Touch the button  to switch the device on. After switching on, the device will begin operating at medium speed. The air quality sensor will start working after approximately 1 minute.

The display shows the current PM2.5 value. At the same time, under the control panel a three-colour (blue, yellow and red) air quality lamp lights up, changing colour according to the PM2.5 indicator.

Blue – air quality is good, particle concentration 0–49.

Yellow – air quality is moderate, particle concentration 50–99.

Red – air quality is poor, particle concentration ≥ 100 .

Default operating mode:

The device operates at medium speed, the **Anion** (ionisation) function is active. The **UV**, **Ozone** and **Humidifier** functions are inactive.


Operating information:

Auto mode – pressing the **Auto** button switches the device to automatic mode. The **Auto** indicator lights up on the control panel. At the same time, the corresponding fan speed indicator lights up. The speed will be automatically adjusted according to the values detected by the PM2.5 air quality sensor. In this mode, the device operates at medium, high and very high speed.

In automatic mode, when the light sensors detect a dark environment in the room, the device automatically switches to Sleep mode and the fan begins operating at low speed. When the light becomes brighter, the device exits Sleep mode and operates in normal automatic mode.

Device Operation

User Settings – to set the device operation according to your needs, switch off **Auto** mode (the **Auto** indicator will turn off), then select the fan speed using **Speed**. In these settings, the fan speed will not change depending on the PM2.5 value. Manually set the fan speed by selecting **1 / 2 / 3 / 4** (low, medium, high, very high).

Sleep mode (Sleep) – in Sleep mode, the LEDs on the panel turn off. Only the **Sleep** symbol and the power button  remain illuminated (their brightness is reduced by 50%). The device switches to quiet operation and changes the fan speed to low. In Sleep mode, the first light touch of any button causes the control panel to illuminate. Only after the control panel is fully illuminated should you touch the appropriate button to activate the desired function.

When the symbols **Anion / Humidifier / UV / Child Lock** are illuminated, it means that the given function is active. When the symbols are not illuminated, the function is inactive.

When the **Anion/Ozone** symbol flashes dynamically, it means that the **Ozone** (ozonation) function is activated. At the same time, the ionisation function is also operating. To activate or deactivate the **Ozone** function, touch and hold the **Anion/Ozone** button for approximately 3 seconds.

Timer function – in operating mode, pressing the **Timer** button switches to timer settings. The operating time can be set to 2 h, 4 h, 8 h and 12 h. Pressing the **Timer** button repeatedly allows selection between 2 h, 4 h, 8 h and 12 h, and the corresponding indicator lights up and flashes. Approximately 3 seconds later, the time setting is confirmed and the indicator stops flashing. The time indicator shows the remaining time until the device switches off. The display indicator changes depending on the remaining time; for example, if 12 hours is set and the device has been operating for 4 hours, with 8 hours remaining, the 12-hour indicator switches off and the 8-hour indicator switches on, etc.

Pressing the **Timer** button again cancels the time setting.

Device Operation

Filter replacement – when the filter service life has expired, the **Filter** indicator will light up red to remind you to replace the filter (see Maintenance section).

Fan speed adjustment – after switching on the device, the fan operates at medium speed. In “manual” mode, press the **Speed** button to manually set the fan speed as required. In **Auto** mode, the fan speed cannot be adjusted. In **Sleep** mode – the fan speed is low.

Ozone – when the device is switched on, the function is inactive. Press and hold the **Ozone** button for approximately 3 seconds to activate or deactivate the function.

When the function is active, the **Ozone** symbol flashes.

When the function is inactive, the symbol is not illuminated.

Ozone is a gas with a “grassy” smell, poorly soluble in water, commonly used to combat viruses, bacteria, fungi, spores, etc. Ozone is a strong oxidising agent, much stronger than O₂. Remember to leave the room during ozonation.

IMPORTANT: During operation in Ozone mode, no people or animals may remain in the room. After the process is completed, wait at least 30 minutes and ventilate the room thoroughly.

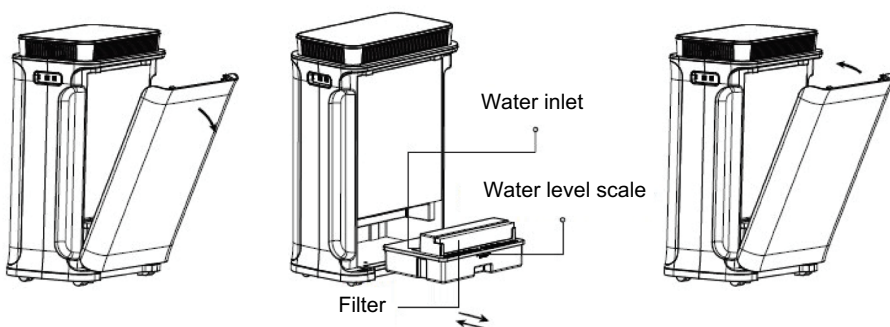
Ionisation – when the device is switched on, the ionisation function is active. To deactivate the ionisation function, press the **Anion** button. When the function is active, the symbol is illuminated. When the function is inactive, the symbol is not illuminated.

Child Lock – press and hold the **Child Lock** button for approximately 3 seconds to activate the lock. When the lock is active, all buttons except the **Child Lock** button are disabled. To deactivate the lock, press and hold the **Child Lock** button for approximately 3 seconds.

Device Operation

Humidification – the device is equipped with a humidification function, which can be switched on or off using the **Humidifier** button. To activate the function, fill the water tank.

The **Check the Water Tank** indicator will light up when the tank runs out of water. This will occur after approximately 8 hours of operation in humidification mode. Do not leave water in the tank if you are not using the humidification function. Remember to clean the water tank regularly. It is recommended to wash the tank before each use of the humidification function.



Device Maintenance

Before starting to clean the device, make sure that it is disconnected from the mains supply.

Warning: do not use cleaning agents such as bleach, alkaline agents, remover, paraffin, alcohol, thinner.

Clean the device with a soft, damp cloth. Do not wash the HEPA filter with activated carbon under water. Once a month, remove dirt from the filter using a vacuum cleaner. The filter must be completely dry. During installation, ensure that the white side of the filter faces the inside of the device and the green side faces outwards.

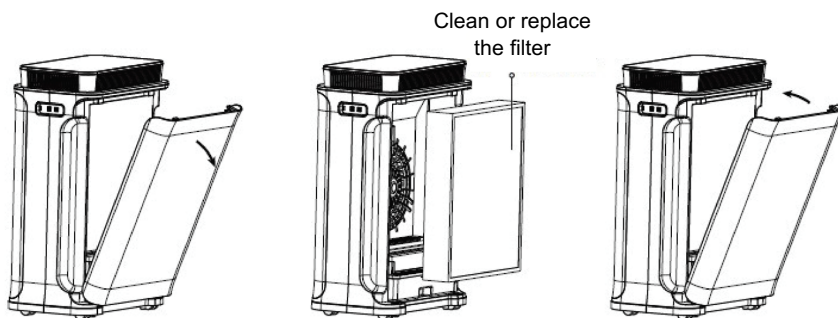
Device Operation

Maintenance of the pre-filter and HEPA 13 filter with activated carbon.

Due to different methods of use and operating environment, clean and replace the filter regularly. When the **Filter** indicator on the control panel lights up, it means that the filter service life is coming to an end. Switch off the device and disconnect it from the power supply in order to replace the filter.

Filter replacement steps:

- Remove the front panel.
- Remove and replace the filter.
- Reinstall the front panel.



Water tank maintenance

Before starting maintenance, disconnect the device from the power supply. If the water tank sponge is covered with dust or other dirt, rinse it with water. After cleaning, dry the sponge before reinstalling it in its original position. With frequent use of the humidification function, we recommend cleaning the sponge once a week.

Adding water to the tank – the water level must not exceed the marking. During use, the flashing red **Check the water tank** indicator means that the tank is out of water. The information will appear below the PM2.5 indicator. Switch off the device and disconnect the power supply before refilling water. After adding a sufficient amount of water to the tank, switch on the device. The indicator will turn off and the humidification function will be activated.

To reset the filter replacement message, press and hold the **Filter reset** button for approximately 5 seconds.

Troubleshooting

Description of the issue	Solution
The device does not operate	Check whether the cover panel is properly installed. Check whether the device is connected to the power supply.
Loud noise during operation	Check whether the filter is installed. Check whether all protective films have been removed.
Poor air purification	Check whether the filter is installed. Check whether all protective films have been removed.
PM2.5 concentration remains high after a long filtration period	Check whether the filter is properly installed. Check whether the door and window are closed. Check whether the fan is operating at high speed.
Unpleasant odour from the outlet	Active oxygen, during the oxidation reaction, takes the form of blue gas and releases a characteristic "grassy" smell. When the ozonation function is switched on, a characteristic smell may be noticeable.

Product Specification

Device	Philipiak Air Purifier
Model	KJ-350F
Rated voltage / Frequency	230 V~ / 50 Hz
Rated power	50 W
Coverage area	100 m ²
Air purification description	Active oxygen, during the oxidation reaction, takes the form of blue gas and releases a characteristic "grassy" smell. When the ozonation function is switched on, a characteristic smell may be noticeable.
(Particle CADR value)	290 m ³ /h
Power consumption	17 W / 25 W / 45 W / 50 W
Ozone output	500 mg/h
Ion output	$\geq 5 \times 10^6$ pcs/cm ³
Formaldehyde CADR	150 m ³ /h
Humidification capacity	300 ml/h
Water tank capacity	3 l
Noise level	59 dB(A)
Overall dimensions	416 × 251 × 625 mm
Net weight	10.5 kg

Notes

Thank you for using our product.
Please retain this user manual for future reference.



RoHS



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