

## Ufesa PF4500

# Ufesa PF4500 Air Purifier User Manual

Model: PF4500

## 1. INTRODUCTION

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Thank you for choosing the Ufesa PF4500 Air Purifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions:

- Read all instructions before operating the appliance.
- Ensure the voltage indicated on the appliance corresponds to your local mains voltage before connecting.
- Do not operate any appliance with a damaged cord or plug. If the cord or plug is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Keep the cord away from heated surfaces.
- Do not immerse the appliance in water or any other liquid.
- Do not use the appliance outdoors.
- Always unplug the air purifier before moving, cleaning, or replacing the filter.
- Keep openings free from dust, lint, hair, and anything that may reduce airflow.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 3. PRODUCT OVERVIEW

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The Ufesa PF4500 Air Purifier is designed to improve indoor air quality through its advanced filtration system. It features a compact design suitable for various room sizes.

## Key Features:

- **3-Layer Filtration System:** Includes a pre-filter, activated carbon filter, and HEPA filter to capture 99.97% of dust, bacteria, allergens, and odors.
- **Effective Coverage:** Optimal for areas up to 40m<sup>2</sup> with a Clean Air Delivery Rate (CADR) of 95 m<sup>3</sup>/h.
- **Quiet Operation:** Operates at a low noise level of 30 dB(A) for minimal disturbance.
- **Multiple Fan Speeds:** Three adjustable fan speeds (Low, Medium, High).
- **Timer Function:** Set operation for 2, 4, or 8 hours.
- **Night Mode:** Reduces fan speed and dims lights for undisturbed sleep.
- **Ionic Function:** Releases negative ions to further enhance air purification.
- **Touch Control Panel:** Intuitive interface for easy operation.
- **Filter Change Indicator:** Alerts when filter replacement is needed.





Figure 1: Ufesa PF4500 Air Purifier front view with illuminated control panel.



Figure 2: Ufesa PF4500 Air Purifier placed in a living room setting, demonstrating its compact design.

## 4. SETUP

1. **Unpacking:** Carefully remove the air purifier from its packaging. Remove any protective films or packing materials.
2. **Filter Installation:**
  - Turn the unit upside down.
  - Twist the base cover counter-clockwise to unlock and remove it.
  - Remove the plastic packaging from the filter.
  - Insert the filter into the unit, ensuring it is seated correctly.
  - Replace the base cover and twist clockwise to lock it securely.



Figure 3: The multi-layer filter system of the Ufesa PF4500 Air Purifier, consisting of pre-filter, activated carbon, and HEPA layers.

3. **Placement:** Place the air purifier on a firm, level surface. Ensure there is at least 20 cm (8 inches) of clear space around all sides of the unit for optimal airflow. Avoid placing it directly against walls or furniture.
4. **Power Connection:** Plug the power cord into a suitable electrical outlet.

## 5. OPERATING INSTRUCTIONS

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The Ufesa PF4500 features an intuitive touch control panel located on the top of the unit.



Figure 4: Close-up view of the Ufesa PF4500 Air Purifier's touch control panel.

### Control Panel Functions:

- **Power Button ( ):** Touch to turn the unit ON or OFF.
- **Fan Speed Button ( ):** Touch repeatedly to cycle through fan speeds: Low (L), Medium (M), High (H).
- **Timer Button ( ):** Touch repeatedly to set the operating timer for 2, 4, or 8 hours. The unit will automatically turn off after the selected time.
- **Night Mode Button ( ):** Touch to activate Night Mode. The fan speed will reduce to the lowest setting, and all indicator lights will dim for quiet operation during sleep. Touch again to deactivate.
- **Ionic Function Button (⚡):** Touch to activate or deactivate the ionic function. This function helps to further purify the air by releasing negative ions.



Figure 5: Diagram illustrating the effective air purification coverage area of the Ufesa PF4500 Air Purifier.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air purifier.

### Filter Replacement:

- The filter change indicator light will illuminate when it's time to replace the filter.
- To replace, unplug the unit and follow the filter installation steps in Section 4 in reverse order to remove the old filter.
- Install a new Ufesa PF4500 replacement filter (sold separately).
- After replacing the filter, plug in the unit and press and hold the Power button for 5 seconds to reset the filter indicator.
- Filter lifespan varies depending on air quality and usage, typically 6-8 months.

### Cleaning the Unit:

- Always unplug the air purifier before cleaning.
- Wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- The pre-filter layer of the 3-in-1 filter can be gently vacuumed to remove larger particles, but the HEPA and

activated carbon layers are not washable and must be replaced.

## 7. TROUBLESHOOTING

If you encounter issues with your Ufesa PF4500 Air Purifier, refer to the following table:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not properly connected	Check if the unit is plugged into a working outlet. Ensure the power cord is securely connected.
Reduced airflow or purification efficiency	Filter is dirty or clogged Air inlets/outlets are blocked	Replace the filter if the indicator is on, or if visibly dirty. Ensure no objects are blocking the air inlets or outlets.
Unusual noise	Filter not installed correctly Foreign object inside unit	Unplug and re-install the filter correctly. Unplug the unit and carefully check for any foreign objects.
Filter change indicator remains on after filter replacement	Indicator not reset	After replacing the filter, press and hold the Power button for 5 seconds to reset the indicator.

If the problem persists after attempting these solutions, please contact Ufesa customer support.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Ufesa
Model Number	PF4500 (86204631)
Power	35 Watt-hours
Voltage	240V
Noise Level	30 Decibels (min)
Dimensions (L x W x H)	20P x 20I x 45H cm (approx. 50 x 50 x 28 cm packaged)
Weight	2 Kilograms
Control Method	Touch
Filter Type	HEPA (3-layer: Pre-filter, Activated Carbon, HEPA)
Recommended Floor Area	Up to 40 m <sup>2</sup>
CADR (Clean Air Delivery Rate)	95 m <sup>3</sup> /h
Auto-off Function	Yes (Timer)
Certifications	HEPA Certified

## **9. WARRANTY AND SUPPORT**

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For warranty information, product registration, or technical support, please refer to the warranty card included with your purchase or visit the official Ufesa website. Specific warranty terms and conditions may vary by region. Please have your model number (PF4500) and purchase date available when contacting support.