

ULTRA-PURE™

SIERRA 6000® AIR PURIFIER



**THANK YOU FOR CHOOSING THE
ULTRA-PURE SIERRA 6000 AIR PURIFIER.
PLEASE READ THE OWNER'S MANUAL
CAREFULLY BEFORE USING IT.**



Important Safety Instructions

Always follow all basic safety precautions when using any electrical appliance.

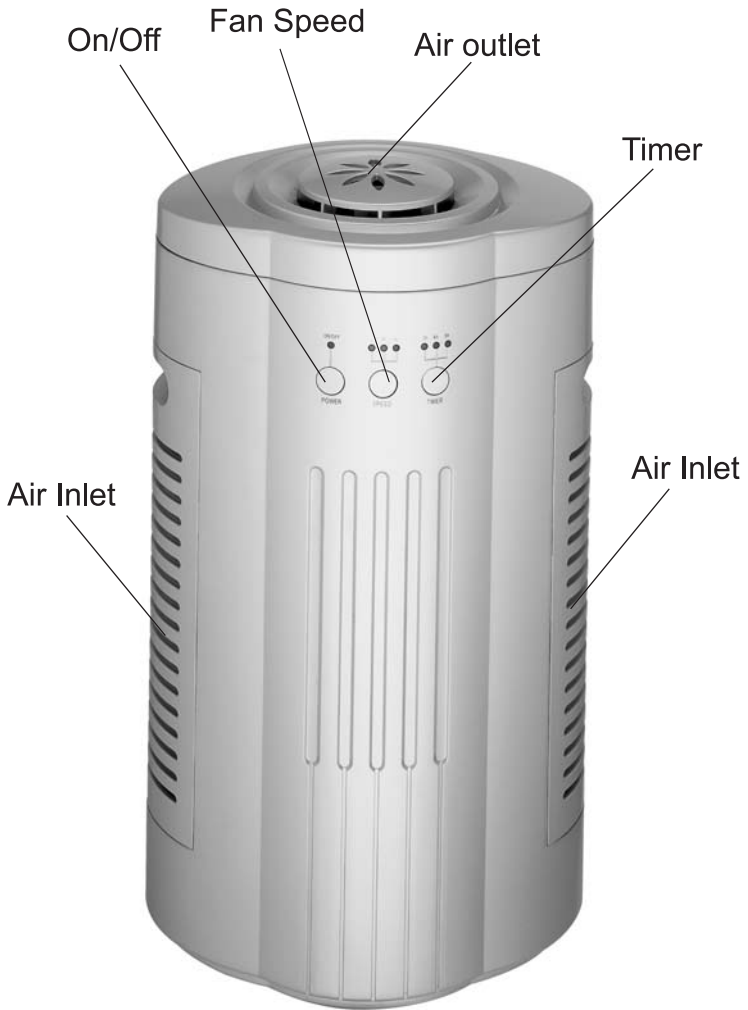
PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE PRODUCT.



WARNING : Follow all warning and instructions to reduce the risk of fire, electrical shock and injury to persons and property:

1. Do not disassemble this unit. It is not consumer serviceable.
2. Never insert the metal objects into the unit. This may cause electrical shock or fire.
3. To operate, place the unit on a smooth, flat uncluttered surface.
4. Do not place the unit on other electric appliances.
5. Leave a minimum of 8 inches on the front and sides of the unit for proper air circulation.
6. Turn off the unit when using aerosol or incense type products.
7. Do not use the unit in conditions of high temperature or high humidity.
8. Do not use the unit near flammable gases or liquids.
9. Do not allow children to play with the unit as a toy;
10. Always unplug the unit when not in regular use.
11. Use only Ultra-Pure original replacement parts when replacing UV lights, filters, and power supplies. Use of non-OE parts can result in shock and fire hazards.

Operational Controls and Vents

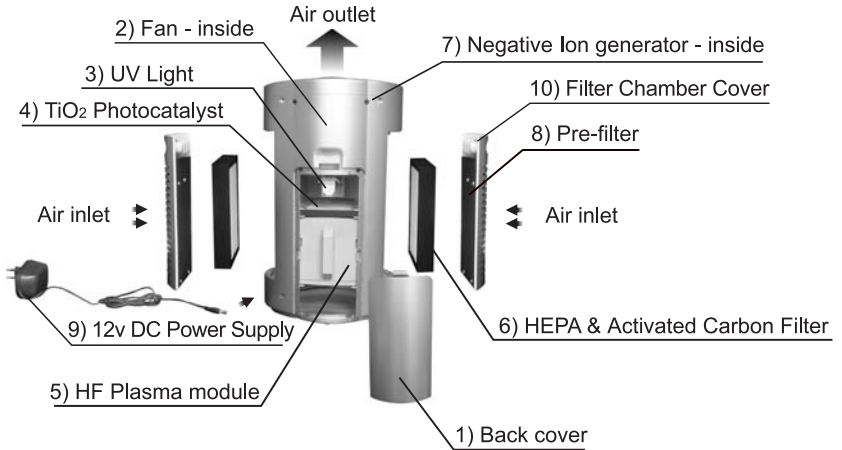


Air Purification Features:

The Ultra-Pure™ Sierra 6000® features an advanced 7-stage air purification system. The system includes:

1. The Washable Plasma High Frequency Tube filtration system is the most advanced in home air filtration available today. Utilizing a system of charged tubes, the Plasma system showers the air with both negative and positive ion showers. These ions seek-out and surround airborne particles and microorganisms. Once surrounded these particles and organisms are attracted to the surface of the Plasma Tubes and are removed from the air.
2. The Dual HEPA Filters remove 99.97% of dust, pollen, pet dander and other airborne particulate that is carried in the air that passes through the filter. HEPA filters are very helpful for those suffering from asthma and various allergies.
3. The Dual Activated Carbon Filters are very effective in removing most smog, gases, smoke, odors, pet smells, and hazardous chemical fumes found in most homes and offices. The Activated Carbon is found in the same filter cartridge as the HEPA filter.
4. UVGI or Ultraviolet Germicidal Irradiation light to help kill mold spores, germs, bacteria's and viruses.
5. TiO2 Photo catalyst germicidal sanitizer works with the UV light to significantly improve the suppression of microorganisms including mold spores, viruses, and bacteria.
6. Negative Ion Generation to help precipitate smog, pollen and dust from the air. $\geq 3.0 \times 10^6$ ions/cm³;
7. Dual washable pre-filters to remove larger airborne particulate.

Key Air Filtration and Purification Components



1. Back cover
2. Fan - draws air through the unit.
3. UV lamp: provide UV light source.
4. TiO₂ Photocatalyst
5. High Frequency (HF) Plasma Tube Module
6. HEPA and Activated Carbon filter cartridge
7. Negative Ion Generator
8. Washable Pre-Filter
9. 12v DC Power Supply
10. Filter Chamber Door

Note: HEPA means “High Efficiency Particulate Air filter”.

Operating Instructions

1. Remove the unit from the packaging.
2. Remove the filter chamber covers. Remove the protective plastic from the HEPA/Carbon filters, if installed.
3. Plug the DC Power Supply into the unit.
4. Plug the power supply into an 110v/60hz outlet.
5. Press "POWER" to button to turn the unit On or Off.
6. Press the "SPEED" button to choose fan speed (L – Low, M – Med, H – High). The LED above the button will show the chosen fan speed.
7. Press the "TIMER" button to set time -2, 4, or 8 hours. The unit will automatically turn itself off at the end of the time cycle. The LED above the button will indicate the chosen time cycle.

Clean Air Tips:

- For quick air cleaning, turn the Speed to High. After 30-40 minutes, turn the fan down to a lower speed.
- To maintain fresh air in your room all the time, set the Speed control to Medium or Low and set the Timer to 8 hours.
- For night time use, set the Speed control to low and the Timer control to 4 or 8 hours for quiet all-night air cleaning.

Maintenance

CAUTION: ALWAYS DISCONNECT THE POWER SUPPLY BEFORE BEGINNING ANY SERVICING!

1. Do not clean the machine with organic solvent. Clean the unit with soft cloth and neutral cleanser; but do not allow any liquid enter the unit.
2. Every 90 days clean the dust from the Plasma Module with dry brush. **Do not use a liquid to clean the module.**
3. Every 30-90 days remove the Pre-Filters and clean with clear water. Allow the Pre-Filter to air dry completely before replacing.
4. Every 30 days clean the Air Outlet (on the top of the unit) with a soft dry cloth.
5. Every 90 days check the HEPA filters. Replace when the filter becomes dark gray/black. HEPA filters typically last 4-6 months before needing replacement.

Specifications:

Recommended Working Environment:

Temperature: 32-105° F

Humidity: Less than 95% RH

Dimensions: 15.5 x 9.3 x 7.2 inches

Power Supply: 12v DC

Power Consumption: 14w

Negative Ion: 3.0×10^6 ions/m³

Effective Area: 30m² / 318 sqft.

Life of UV Light: approx. 3000 hrs.

Wavelength of UV light: nm

Life of motor: approx 5000 hrs.

Effectiveness of HEPA Filter: 99.97%

Trouble shooting

Problem	Possible Cause	Solution
Does not turn on	<ol style="list-style-type: none">1. Unplugged2. Back Cover not closed properly	<ol style="list-style-type: none">1. Plug power supply into unit.2. Plug power supply into wall socket3. Reinstall back cover
Noisy or rattles	<ol style="list-style-type: none">1. Unit not on flat surface2. Loose object touching unit3. Loose internal part	<ol style="list-style-type: none">1. Put on flat surface2. Remove clutter from around unit3. Check that filters are properly installed4. Contact Ultra-Pure Customer Service
Popping noise	<ol style="list-style-type: none">1. Environment too humid2. Plasma module is too dirty;3. Plasma module has not dried completely after washing.	<ol style="list-style-type: none">1. Move to less humid environment2. Wash and clean the plasma module3. Do not use the unit until the plasma module is completely dried.

Service & Warranty

- Do not operate any product with a damaged cord or plug.
- Do not the product if the malfunctions, is dropped, or appears damaged in any way.
- If the product is damaged or malfunctions return the complete product to the place of purchase for inspection, repair or replacement.
- For your convenience, record the complete Model Name & Model Number (located on the Product Identification Plate on the back of the unit) and the date you purchased the product below.
- We suggest you attach your purchase receipt to this manual as proof of purchase in the unlikely event it is needed.
- To ensure your product is covered by warranty, the complete faulty product together with your purchase receipt, should be returned to your retailer.

ONE (1) YEAR LIMITED WARRANTY SAVE THIS WARRANTY INFORMATION

Ultra-Pure guarantees this product free from defects in materials and workmanship for a period of one (1) year.

Should this unit be operated under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or any attempts made to service or modify the unit, this will render WARRANTY VOID. The product you buy may sometimes differ slightly from illustration.

Should you have any problems with this product, please contact Ultra-Pure at info@ultra-pureair.com.

Produced & distributed exclusively by:



REAL SPIRIT
an innovative products group

Website: www.ultrapureusa.com
email: info@realspiritusa.com