

ULTRA-PURE™ 988 AIR PURIFIER



Owner's Manual

WITH UV LIGHT AND TiO₂ TECHNOLOGY TO KILL VIRUSES, BACTERIAS
AND MOLDS AND HEPA FILTERS TO REMOVE POLLEN AND DUST

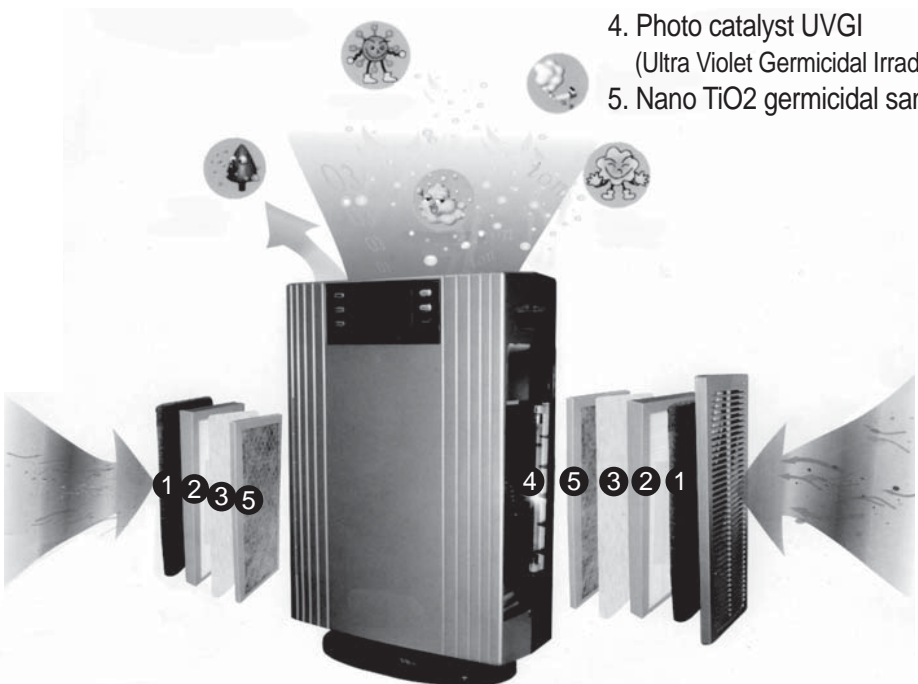
Congratulations on your purchase of the Ultra-Pure™ 988 Air Purifier. This multi technology air purifier will greatly assist you in cleaning the air in your home or office. It has been designed to significantly improve the environment in which you locate this device.

Functions and Features

- ◆ Ultra quiet 3-speed fan for effective air cleansing in all indoor household or office environments.
- ◆ 3-Stage automatic air quality sensor to continuously monitor surrounding air and adjust the 988's operation to assure maximum air purification.
- ◆ On-demand (On-Off) ozone generation to help oxidize odors, bacteria, mold, chemicals and other pollutants in the air. Maximum Ozone production is 0.004ppm (20% below US EPA maximums).
- ◆ Anion continuous negative ion generation to help precipitate smog, pollen and dust from the air. $>5 \times 10^6$ /cm.
- ◆ Dual 5-Stage filtration and purification system features:
 1. Dual washable pre-filters to remove larger airborne particulate.
 2. Dual hi-performance HEPA filters to remove dust and pollen. Very helpful for those suffering from asthma and various allergies.
 3. Dual activated Carbon filters to help remove gases, smoke, odors, and hazardous chemical fumes.
 4. Dual photo catalyst Nano-TiO₂ germicidal sanitizers to help suppress the growth of microorganisms including mold, viruses, and bacteria.
 5. Dual UVGI or Ultraviolet Germicidal Irradiation lights for killing mold, germs, bacteria, viruses, and removing odors.
- ◆ Easy to read LCD control panel.
- ◆ 5-Mode automatic timing:
 1. Automatic On-Off with air quality sensor.
 2. Manual on-off for continuous operation.
 3. Auto for continuous 20 minutes on – 40 minutes off operation.
 4. 2-Hour for 2 hours continuous on then automatic turn-off.
 5. 4-Hour for 4 hours continuous on then automatic turn-off.
- ◆ Wireless remote control included.

Dual 5-Stage Filtration & Purification

1. Washable pre-filter
2. Hi-performance HEPA filter
3. Activated Carbon filter
4. Photo catalyst UVGI
(Ultra Violet Germicidal Irradiation)
5. Nano TiO₂ germicidal sanitizer

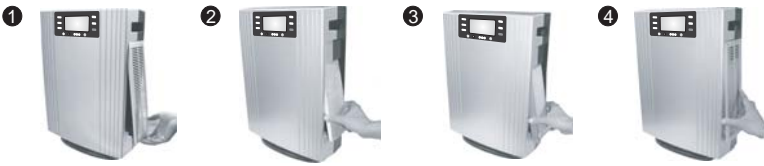


Unpacking and Installation

Your Ultra-Pure 988 air purifier has been carefully packaged so that you receive it in perfect condition. Please read and very carefully follow all the instructions below BEFORE you plug in the unit.

Filter Installation and Replacement

1. Carefully remove the unit from the box.
2. Facing the front of the unit, remove the right side air intake grill by placing your index finger under the grill and pulling away the filter grill. ①
3. Now remove the HEPA filter from the side air intake. ②
4. If the HEPA filter has a protective plastic covering, remove it.
5. If the TiO₂ filter has a protective plastic covering, remove it.
5. Re-install both the HEPA and TiO₂ filters into their proper place. Be sure to gently push the filter all the way into its housing. ③
6. Re-install the side air intake grill. Make sure that it properly snaps into place. ④
7. Repeat the same procedure for the left side air intake and filters.



UV Light Installation and Replacement

1. Unplug the unit.
2. Remove the air intake grill, HEPA, and TiO₂ filters per the instructions above. ①
3. To remove the UV bulb: carefully rotate the lamp 90 degrees and gently slide the electrodes out of the light socket. ②
4. To install the UV bulb: carefully insert the lamp electrodes into the light socket and rotate the lamp 90 degrees. The lamp should be held securely in place by slight indentations. ④
5. Re-install the TiO₂ & HEPA filters and air intake grill per the instruction above.
6. Plug in the unit and resume use.



Remote Control Battery Installation

- ◆ Place remote on its back. Carefully open the remote control battery housing located on the bottom.
- ◆ Place the, included, lithium (CR02025-3v) battery onto the clip.
NOTE; the battery only fits one-way. Be sure that inner battery lip (smaller edge) properly fits into the battery housing. Slide the battery and the clip back into place. DO NOT FORCE the battery clip into place.

Properly locating your Ultra-Pure 988

Your air purifier will function adequately almost anywhere you place it. However you may improve its air cleaning, and purifying efficiency by following these suggestions.

- ◆ Place it on a table, or on a high shelf (circulated air tends to rise).
- ◆ Try to avoid placing it in the corner of a room.
- ◆ Avoid placing it behind furniture.
- ◆ Be sure that the intake air vents are not blocked or restricted.

Remember, the idea is to place your Ultra-Pure Air purifier in a location that will be best for it to clean and purifier as much of the air within a room as possible. Following the above guidelines will help achieve your clean air goals.

Now you are ready to operate your

ULTRA-PURE
988 AIR PURIFIER

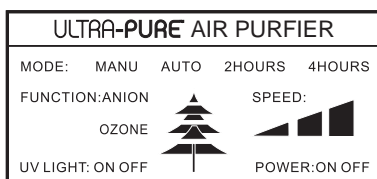
Operating Instructions

1) Plug in power cord

- ◆ Plug power cord into 110v/60Hz wall socket,
- ◆ LCD display will light for 10 seconds and then turn off.

2) Press Power Button

- ◆ Press the POWER button and unit starts operating and the LCD displays function.



LCD display showing all functions.

3) Mode Button

- ◆ Press the Mode button to get the setting you desire.
 1. "Manual" on-off for continuous operation.
 2. "Auto" for continuous 20 minutes on – 40 minutes off operation.
 3. "2Hours" for 2 hours continuous on then automatic turn-off.
 4. "4Hours" for 4 hours continuous on then automatic turn-off.

4) Function Button

- ◆ Press the FUNCTION button switch to select ANION or OZONE function.
- ◆ ANION: On this setting the unit produces negative ions which help clean and remove dust, pollen, smog and smoke from the air. A perfect technology to help people who suffer from asthma and allergies.
- ◆ OZONE: The Ozone setting enables the production of hydroxyl radicals which help rid your room of bacteria, mold, chemicals and other pollutants, as well as smoke. Use this setting ONLY when you need to rid your room of the above concerns.
- ◆ If the OZONE is turned on it will automatically switch to ANION after 2 hours. In "Auto" mode the OZONE automatically switch to ANION at the end of the first 20 minute on cycle.

5) UV light

- ◆ Press the UV Light button to turn the UV light ON or OFF.
- ◆ Turning the UV light off also turns off the TiO2 sanitizer.

6) Fan Speeds Settings

- ◆ You can set fan speeds by either repeatedly pushing the speed button on the air cleaner or by pushing the speed button on the remote control. Repeatedly push the speed button until it sets the desired speed.
 - LOW - use for quiet, nighttime operation or for constant low-speed filtration.
 - MEDIUM - provides a higher fan speed; use to quickly filter dust, pollen, smoke, etc. from a room
 - HIGH – provides the fastest possible way in which to clean the air in your room.

7) Automatic Air-Sensor Setting

- ◆ Press the AIR SENSOR button to turn on the Automatic Air-Sensor function. The air sensor function will monitor the surrounding air quality and automatically adjust the fan speed to assure the best quality air possible. The Air Sensor will not adjust the UV or Ozone functions. It takes 1-3 minutes for the Air Sensor to begin working.
- ◆ There are 3 indicators at the bottom of the LED panel that show the Air Sensor is operating and the quality of the air.



Air-Sensor Indicators



- ◆ When the air quality is good, the unit will turn-off automatically. The unit will automatically turn-on when the surrounding air needs purified.

8) Remote Control

- ◆ Most functions of the Ultra-Pure 988 can be controlled by the remote control included with this unit.



9) Memory

- ◆ This unit has a memory. As long as the unit remains plugged in it will maintain settings.
- ◆ If this unit is unplugged, or has a power failure, it will return automatically to factory pre-sets.

UV Light Information

- 1) The UV lights have a working life of more than 5000 hours.
- 2) Always turn the power off and unplug the unit before replacing the UV light.

HEPA Filter Information

- 1) The HEPA filter set may last up to 1 year based on 8 hours working a day in a normal household environment.
- 2) Always turn the power off before replacing any filters.
- 3) Do not clean the HEPA filter with water.
- 4) Always remove the plastic packaging on the filters before using.

Technical Information

TECHNICAL PARAMETERS

Product Size	Voltage Supply	Power Rating	Applicable Area	Air Flow Volume	Air Exchange Rate	Noise Level
360 x 178 x 485 (mm)	AC110V-60Hz	65W	600ft ² (55m ²)	Low 41cfm(70m ³ /h)	2H/Time	30dB
360 x 178 x 520 (with base)				Medium 106cfm(180m ³ /h)	0.8H/Time	38dB
				High 147cfm(250m ³ /h)	0.6H/Time	44dB

Note: ft² = square feet
cfm = cubic feet per minute
Filtration Efficiency = The time needed to filtrate the air once in applicable area

Product	Dimensions	Voltage Supply	Power Rating	Wavelength	Longevity	Type
Ultraviolet	212.1x16(mm)	AC110V-60Hz	6W	245NM	5000H	G5

Care and Cleaning

- 1) **Always disconnect the power cord before cleaning.**
- 2) Wipe the enclosure, control panel, and cord with a damp cloth or sponge.
- 3) The intake grille can be removed and hand washed in warm, soapy water.
- 4) The washable pre-filer can be hand washed in warm soapy water. Air dry the pre-filter before re-installing in the unit.
- 5) **DO NOT** wash the HEPA, Activated Carbon, or TiO₂ filters.
- 6) The outlet grille should simply be dusted - do not immerse in water.
- 7) Do not use harsh abrasives or caustic cleaners on any part of the unit.
- 8) CAUTION: NEVER immerse the appliance, cord or plug in water or any other liquid.
- 9) If the cord is damaged, the manufacturer or its service agent or similarly qualified persons must replace it in order to avoid personal injury.














CAUTION:
NEVER IMMERSE THE APPLIANCE, CORD SET OR PLUG IN WATER OR ANY OTHER LIQUID.















Cautions

Please carefully read this instruction manual and make certain you fully understand all the operating instructions and safety warnings so you can operate the product correctly and safely.

 <p>Warning</p> <p>Warnings remind users that mishandling or misuse of this product may result in serious injury or death.</p>	 <p>Attention</p> <p>Attention notes items of importance about the specifications, function, or operation of the product.</p>
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 <p>WARNING</p>	 <p>FORCE</p> <p>Do not insert any metal objects into this appliance!</p>	 <p>FORCE</p> <p>All repairs and servicing must be performed by authorized service technicians.</p>	 <p>FORCE</p> <p>This unit is rated for 120v/60Hz only!</p>	 <p>FORCE</p> <p>Do not place this unit in water or any other liquid!</p>
	 <p>FORBID</p> <p>Do not repair this unit by yourself. Frayed wires may cause electric shock or fire.</p>	 <p>FORBID</p> <p>Do not block air intakes or exhausts. Operating this unit with blocked air intakes or exhaust will result reduced efficiency of this unit and may cause it to over heat.</p>	 <p>FORBID</p> <p>Do not allow children to operate this appliance.</p>	 <p>FORCE</p> <p>Use caution when plugging and unplugging this appliance. Do not pull the plug by its wire!</p>

 <p>ATTENTION</p>	 <p>FORCE</p> <p>Do not clean the unit with corrosives. Turn off the unit and unplug it before cleaning.</p>	 <p>FORCE</p> <p>Turn off the power before unplugging the unit from the socket.</p>
	 <p>FORCE</p> <p>Do not use the unit in areas of high temperature.</p>	 <p>FORCE</p> <p>Please unplug the unit from the electric source if not using for a long period of time.</p>
	 <p>FORCE</p> <p>Do not use the unit around flammable liquids or gases.</p>	 <p>FORCE</p> <p>Do not change the length of wire by yourself.</p>
	 <p>FORCE</p> <p>Do not use the unit around explosive liquids or gases.</p>	 <p>ATTENTION</p> <p>Do not use in a sealed or unventilated room. The units is not a ventilator.</p>
	 <p>FORCE</p> <p>Note: this unit WILL NOT remove any carbon monoxide that may be present in the air. Carbon Monoxide is a deadly gas!</p>	 <p>ATTENTION</p> <p>If your appliance fails to function correctly, unplug it for two minutes. This will reset the units functions to factory specifications.</p>
		 <p>ATTENTION</p> <p>We reserve the right to change product specifications at any time without notification to the consumer.</p>

Warranty

- ◆ Ultra-Pure warrants this product to be free from manufacturing and material defects (excluding filters, lights, and batteries) for a period of one year from the original date of purchase.
- ◆ This warranty is valid to the only original owner with a proof of purchase.
- ◆ Product abuse, misuse, modification, alteration, or opening of the air purifier housing will void the warranty.