

AIR PURIFIER

MODEL: 300/CH



USER GUIDE

Please read all of the information provided in this user's guide before operating.

WARNING

This air unit is not a medical device. Do not stop or alter any medical therapy programs or medications without the advice of your physician.



This "exclamation point" calls attention to a feature for which you should read the enclosed literature carefully to prevent operating and maintenance problems.



This "bolt of lightning" indicates that insulated material within your unit may cause an electrical shock. For the safety of everyone, do not remove product covering.

Caution: This unit 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 concerning use of the unit by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the unit.

Q. What is Nano photo-catalytic filter?

A. The action of this washable filter is based on photo-catalytic oxidation (PCO) technique. Airborne pollutants are treated by semiconductor photo-catalysis, in which the key material is TiO₂. TiO₂ particles are used as photo-catalyst because it is non-toxic, chemically stable, and possesses relatively high photo-catalytic activity. When used in conjunction with UV it can remove molds, bacteria and Virus

Q. Does this unit use activated oxygen?

A. For your safety this air purifier does not use activated oxygen which overexposure is thought to cause illness. This air purifier safely cleans and purifies the air.

Q. What's the function of UV light?

The Ultraviolet Light destroys bacteria, viruses, fungi, yeast, and mold; it reduces or prevents mold growth, thereby allowing them to function at peak efficiency. These high-output, long-lived UV lamps can be used in industrial commercial and residential applications.

Q. Where should I place the Air Purifier in my home or office?

A. The Air Purifier should be placed in the room where you have the most pollutants. The Air Purifier is easy to move so you might want to try it in a couple of locations to help decide what works best for your environment. An elevated location is better to distribute ions and activated oxygen more evenly. Air Purifier works best if it is placed within 10 feet of a cold air return.

Q. How long will the Air Purifier last?

A. The air purifier is made of stainless steel and solid wood construction. Because of the quality material and superior craftsmanship that goes into each Air Purifier you will enjoy it for many years.

Q. Is it difficult to install?

A. No. Just plug the power cord (located in separate box packaged inside the carton), into the unit and set the time for the area you will be treating. Install the Air Purifier in any room, but try to find a place where it can be up off the ground four feet or more. Some customers prefer to have more than one unit to better improve the air quality in the home.

COMMONLY ASKED QUESTIONS

Q. What does the Air Purifier do?

A. It treats the air in your home or office by breaking down and filtering odors and pollutants.

Q. How does the Air Purifier treat the air?

A. The Air Purifier takes 5 stages of air purification systems to purify the air and create a health and comfortable living environment.

Q. How does the Air Purifier work?

A. It is a Five-stage purification process

1. The Air Purifier uses an optional needlepoint ionizer to drop dust, smoke and other harmful particles from the air we breathe. In our homes and offices there is a lack of negative ions and an abundance of positive ions. The buildings we spend most of our time in block out the natural occurring negative ions. The Air Purifier recreates the natural balance of positive to negative ions to significantly reduce airborne particulate.
2. The Air Purifier uses Nano photo-catalytic filter to treat the airborne pollutants, it is revitalized when shined by the UV light.
3. The ultraviolet light destroys microorganisms such as bacterial, mold and viruses in the air..
4. HEPA filter can capture particles below 0.3 microscopic particles such as radioactive dust in atomic plants. HEPA filter is a mainstay in areas that require clean air such as hospitals, clean rooms, and high-tech manufacturing plants.
5. Pre Filter

Congratulations on your purchase. You have obtained a state-of-the-art air purification system with state of the art modern technology. Only the finest materials surround the finest air purification technology. We hope that you will enjoy your purchase for years to come.

Read ALL instructions carefully before using this product

FOR YOUR RECORDS

Please record the model and serial number below, for easy reference, in case of loss or theft. These numbers are located on the back panel of your air purification unit. Space is also provided for other relevant information.

Model number _____
Serial Number _____
Date of Purchase _____
Purchased From _____

Understanding the Air Purifier (Front View)



PART	FUNCTION
LCD display panel	Display working status, time; with blue backlight optional.
Remote Controller	To control the working status of air purifier
Manual Button	Control the air purifier by hand
Fan Grill	Removable fan grill. Wash with warm soapy water, dry completely before replacing. (Unplug unit before removing)

CLEANING & MAINTENANCE

To clean needlepoint ionizer, first turn **Off** and **unplug** from outlet. Remove the fan grill cover. The needle point ionizer will be easy to find in front of the fan by looking for two pieces of wire. Take a q-tip or cotton swab dipped in alcohol and clean any dust that may have accumulated on the needlepoints. This process may be done when plates are being cleaned. While you have the front grill cover off the unit you may also clean the fan and grill itself. To clean the fan, simply wipe the blades with a damp cloth or vacuum. The grill cover may also be cleaned with warm soapy water. Be careful that the fan grill cover is completely dry before installing.

TROUBLESHOOTING

If you suspect a problem with your unit check the following:

- Unit is plugged in properly and turned on.
- Check the fuse to make sure it is installed properly and not burned out. To replace fuse, push in and turn fuse holder to the left, remove old fuse, replace with spare. Use 1 amp fuse, 1.25 inches long.
- Wall outlet is active
- It is important that the Air purifier be properly grounded to avoid potential shock.

Caution: Turn off Power Switch and unplug from wall outlet if you want to open the back panel of the unit to replace parts.

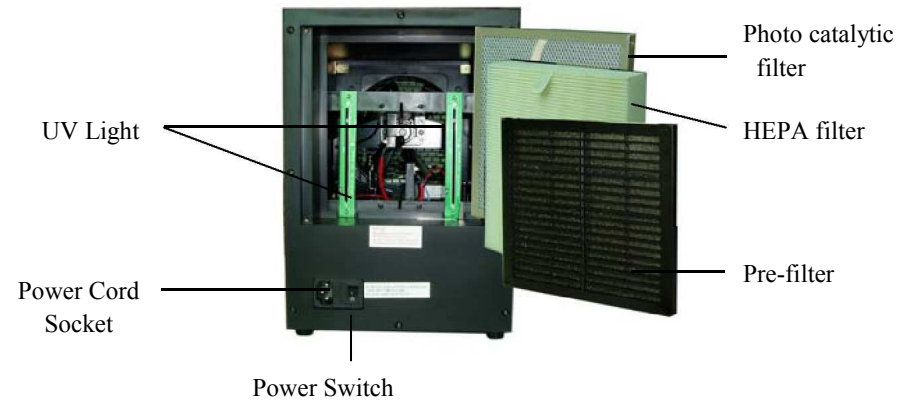
WHERE TO USE?

- Homes & Living Areas
- All types of offices & stores
- Odor clean-up
- Hospitals & nursing homes
- Veterinary offices
- Hotel rooms
- Doctors' offices
- High pollen environments
- Kitchens

SERVICE

Should you determine that your air unit requires service, please contact your local dealer.

Understanding the Air Purifier (Back View)



PART

DESCRIPTION

Power Cord	120 Volt grounded cord (unless otherwise specified). DO NOT bypass ground wire cord.
TiO ₂ Photo-catalytic Filter	Photo-catalytic filter can be replaced very easily. It is long lasting and does not need replaced often.
HEPA filter	HEPA filter can be replaced by taking off the screws. Its lifetime is one year. Washable HEPA is available for most models.
UV light	365µm wavelength, replaceable by authorized technician.
Pre-filter	Remove dust, large particles.

NOTE: As you stand in front of the unit the ionizer will create a slight charge. If you then touch a metal object there may be a static electric discharge similar to touching a doorknob in winter.

OPERATION / SETTINGS AND CONTROLS



1. Manually, or with remote control, turn unit “on”.
2. Press “Fan ▲” or “Fan ▼” to adjust airflow speed. There are five speeds from which to choose.
3. “Sterillize” controls the UV lamps and photo-catalytic filter. You’ll know that this feature is activated from the soft blue glow visible through the front grill. Press this button to both activate and de-activate this feature “**Don’t stare directly at the blue light.**”
4. “Anion” controls the dispersal of negative ions. You’ll know that this feature is activated as the orange bulb will be lit and clearly visible through the front grill. As with the “Sterilize” feature, this button can both activated and de-activate the negative ions
5. “Sleep” mode dims the LCD panel to a minimum level allowing for a good night’s sleep when the unit is used in the bedroom. It is important to note that use of “Sleep” mode does interrupt the Activated Oxygen setting but leaves all remaining settings in tact.
6. **Proper Installation of the photo-catalytic filter.** Please be reminded if you want to replace a photo-catalytic filter and reinstall the photo-catalytic filter, you should install it according to the pictures indicated as follows, otherwise, the unit does not work.



Wrong

-5-



Correct

SETTING THE CLOCK AND DIGITAL TIMER

To set the clock to the current time, press the “Time/Set” button **twice** in quick succession. The “Time” indicator will flash. While flashing, press “Hour up” or “Hour down” to set the hour. Press “Fan up” or “Fan down” to set the minutes. Press the “Time/Set” button one final time to conclude the process. NOTE: The Air Purifier and Sterilizer employ a US standard 12 hour clock.



Your Air Purifier gives you the option to start or shut down the unit using the digital timer feature...

To set the “start” time:

Set Unit to desired functions and levels. Then turn unit off using the “ON/OFF” switch on the front display (rear power switch remains “on”). Press “Time/Set” button once. The “Time/Set” indicator will flash. While flashing, use “Hour up” or “Hour down” controls to set the desired hour and “Fan up” or “Fan down” controls for the desired minute to set the time of day you wish the unit to automatically turn on. Press the “Time/Set” button two final times to set the timer. The appearance of a clock icon on your LCD panel indicates that this function has been properly set.

To set the “shut off” time:

While unit is on press “Time/Set” button once. As with previous timer function, “Time/Set” display panel indicator will flash. While flashing, use “Hour” and “Fan” controls to set desired hour and minute per previous examples. Press “Time/Set” button twice to conclude this process. As before, the clock icon appearing on the LCD panel is your indicator that this function has been properly set.

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