



**MULTI-TECH II  
INSTRUCTION MANUAL**

***Model XJ-3000D***

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# Before Turning On The Air Purifier

- Open the front cover and remove the air filter.
- Remove the plastic covering from the air filter.
- Tear off the perforated cardboard from one side of the air filter cartridge.
- Place the air filter back into the air purifier and reinstall the front cover.

## The Control Panel



### Ion/Power Button

This button turns the XJ-3000D air purifier "ON". The ionizer and non-ozone-producing UV lamp are automatically engaged when the unit is in operation. This UV lamp is replaceable, and is located in the filter cavity, behind the HEPA filter.

### Sanitizer Button

A second, more powerful, ozone-producing UV lamp is used for sanitization, appropriate for situations where there are strong odors or heavy pollution present. This larger lamp is located inside the air outlet. It is a permanent UV lamp, and does not require replacement. When the sanitizer is activated, make sure you are generally more than 12 inches away from the unit. The Sanitizer button allows you to select the Off, Low, Medium, or High setting. Just hit the button until the LED light next to the desired setting is lit. When there are no LED lights lit next to the Sanitizer button, then the XJ-3000D will not produce ozone. On low, the XJ-3000D runs in intervals of 30 seconds "On", and 3 minutes "Off". On medium, the ozone generator runs in intervals of 3 minutes "On", and 3 minutes "Off". On the high setting, it runs continuously. When operating the air purifier in Sanitizer Mode, avoid periods of extended exposure. For instance, do not sleep in the same room as this air purifier when it is being run in Sanitizer Mode. Those with sensitive respiratory systems should avoid being in the same room as this air purifier when it is in Sanitizer Mode. This includes infants and young children and individuals with lung conditions, such as asthma.

### Fan Speed/Air Flow

There are three fan speed options: low, medium, and high.

### Timer

The timer can be set to 1, 2, or 4 hours. If none of these timer settings are selected, the XJ-3000D air purifier will run continuously, which is generally best. If you are running the ozone on a high setting in a small, enclosed area while you are gone, then you may want to use the timer to prevent the ozone level from reaching excessively high levels.

## Replacing the Filter Cartridge

### Step # 1

Turn the unit "off" and open the front cover. If the white (Hepa) side of the filter cartridge is dark gray in color, proceed to the next step. If the blue side of the filter (pre-filter) is dirty, it can be carefully cleaned with hand-held vacuum or other method of removing dirt from its fibers, in order to prolong the life of the filter cartridge.



### Step # 2

Remove the wrapping from the new filter cartridge, then remove the old filter and throw it away. Next, place the new filter in its proper position.

### Step # 3

Put the front cover back on and begin operating again.



## Replacing the UV Bulb

### Step # 1

Turn the unit "off" and open the front cover. Remove the air filter cartridge.

### Step # 2

Remove the expired UV lamp and replace it with the new UV lamp. Handle the UV lamp on each end in order to avoid breaking the lamp.

### Step # 3

Press the lamp into the UV lamp slot, so the metal pins poking out each end of the UV bulb are firmly in contact with the metal conductors inside each clamp. Close the plastic clamps over the lamp on the each side.

### Step # 4

Place the filter back in its compartment, and put the front cover back on. The air purifier is now ready for operation again.

## Caution!

Make sure that air filter cartridge is in place before operating the XJ-3000D air purifier, or direct UV rays may escape through the front cover of the unit. Direct UV light can cause skin or eye damage.

## Placement

- \* Since the XJ-3000D air purifier uses a fan, and blows a strong current of air out the top of the unit, it is not necessary to place the unit at a high elevation. It can be placed on the floor, on a table, a countertop, or on a shelf.
- \* The back of the XJ-3000D should be at least 8 inches away from the wall to prevent discoloration of the the wall. Also, there should not be any obstructions above the air outlet on top of the XJ-3000D air purifier. There should be at least 2 feet of space between the top of the air purifier and any object or surface above it.
- \* Keep the XJ-3000D at least 3 feet away from computers, televisions, and sensitive electrical equipment, and two feet from occupants in the room while in operation.
- \* When the sanitizer is activated, make sure you are generally more than 12 inches away from the unit.

# Troubleshooting

## Air Purifier Will Not Turn On

Make sure the front cover is firmly into place. Move it around and push it into place more firmly and try to turn on the air purifier again.

## UV Lamp Not Working

The XJ-3000D uses two UV lamps, and if working properly, both will illuminate when activated. The first of these lamps is located in the filter cavity, behind the HEPA filter. This is a non-ozone-producing UV lamp, and it is activated when the air purifier is turned “on”, and it remains activated until the air purifier is turned “off”. This lamp is replaceable, and generally lasts about 12 months. In a dark room, you should be able to see the blue glow from this lamp through the air outlet from the top of the machine when the Sanitizer is off. If you are unable to see this blue glow, and it has been in use for less than a year, then open the front cover, remove the filter, and push on each end of the bulb to make sure it is tightly positioned in the UV lamp holder. The second UV lamp is an ozone-producing sanitizer lamp. This is a permanent lamp that does not require replacement. It is located inside the air outlet at the top of the machine. It is only activated when the air purifier is set to Sanitizer Mode (via Sanitizer button). When activated, you should be able to see a second blue glow by looking into the air outlet. If you cannot see this second blue glow, then it may mean the sanitizer UV lamp is not functioning properly. If this is the case, contact the Surround Air service department.

# Air Purification Technologies

## Air Ionizer

- Effectively removes particulate from the air, such as allergens (including mold and dust mites), fine dust particles, bacteria, viruses, chemical fumes and other ultra-fine particles that a filter cannot capture.
- Increases the effectiveness of the Hepa and activated carbon filter system by causing particles to magnetically attract together, resulting in larger particles that are easier for the filter to capture.
- Disinfects viruses and bacteria trapped in the filtration bank of the XJ-3000D that would normally reproduce in the typical filter.
- Has the ability to remove airborne particles away from the air purifier, in areas of the room where the filter has little effect. This is due to the fact that ions can circulate throughout a room. Negative ion circulation is enhanced as a result of the fan.

## Hepa Air Filter

- Removes 99.97% of particles (.3 microns in size) that pass through the filter, preventing them from becoming recirculated into the air. Largely considered the most effective type of air filter.
- Captures a high volume of floating dust and other particles, including many of the ionized particles that would otherwise just settle to the ground if a typical ionizer were used.

## Germicidal UV Light

- UV (ultraviolet) light is scientifically proven to destroy a large variety of microbial contaminants, such as viruses, germs, bacteria and fungi (including mold).
- Ultraviolet light has been used for years by the medical field (including hospitals) to sanitize rooms and equipment, in order to prevent the spread of illness and disease.
- Recommended by Centers for Disease Control for its ability to destroy biological pollutants.

## Activated Carbon Air Filter

- Specializes in capturing and neutralizing chemicals, gases, odors and cigarette smoke, which the Hepa filter cannot capture.

## Programmable Ozonator

- Powerful odor eliminator, which is a weakness of most other air purification methods.
- In the Surround Air XJ-3000D, the ozone can be completely disabled if it is not needed or wanted, while still allowing the ionizer, UV lamp and filters to run at full power.

# Warranty

**What is covered:** All parts defective in material and workmanship.

**Exclusions:** Regular replacement parts such as air filter cartridges and UV lamps.

**For how long:** Three years from purchase date.

**What we will do:** Repair or replace any defective parts.

**What you must do:**

1. Go to the following web address and fill out the form located on this page:  
[www.surroundair.com/return-form/](http://www.surroundair.com/return-form/)
2. After receiving your shipping instructions, pack the product in its original carton, and in the same manner in which you received it, or as identical as possible.
3. Include proof of purchase inside box.
4. Label and ship the unit, freight prepaid, to the address provided.

## Other Conditions

The provisions of this warranty are in lieu of any other written warranty, whether express or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. The manufacturer's maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall the manufacturer be liable for special, incidental, consequential, or indirect damages. This warranty does not cover a defect that resulted from improper or unreasonable use or maintenance, accident, improper packing, or unauthorized tampering, alteration, or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

## 90-Day Replacement Policy

If any part requires repair during the first 90 days after receiving your air purifier, due to manufacturer defect, then Surround Air will replace it with a new machine.

**What you must do:**

1. Go to the following web address and fill out the form located on this page:  
[www.surroundair.com/return-form/](http://www.surroundair.com/return-form/)
2. After receiving your shipping instructions, pack the product in its original carton, and in the same manner in which you received it, or as identical as possible.
3. Include proof of purchase inside box.
4. Label and ship the unit, freight prepaid, to the address provided.

# Spare Parts

1. HEPA/Activated Carbon Air Filter Cartridge
2. Germicidal UV Lamp

## Where to Buy

Surround Air

<http://www.surroundair.com>

Toll Free: 888.812.1516