



“Intelli-Pro 3” Air Purifier

(Model: XJ-3100A)

Instruction Manual

(Please read before using air purifier)



Surround Air Division
Indoor Purification Systems, Inc.
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Specifications

- Plug Type US: 120V (120VAC/60HZ)
- Power: 55W
- Cleanable HEPA Cleaning Efficiency: 99.97%
- Dimensions: 19 x 15.75 x 6.5 (in)
- Weight: 12 lbs.
- Maximum Air Volume: 180 cfm

Functions

- Cleanable HEPA (High-Efficiency Particulate Arrestor) Filter to remove airborne particles such as dust and other allergens.
- Activated Carbon Filter to adsorb chemicals, cigarette smoke and odors.
- Photocatalytic Filter (TiO₂) to remove airborne chemicals and bacteria.
- Germicidal UV (Ultraviolet) Lamp to destroy micro-organisms.
- Negative Ion Generator to circulate air-cleaning negative ions throughout the room.
- Pollutant Sensors for automatic air quality control.
- Filter Replacement Sensors.
- Brushless DC Motor: quiet, powerful and smooth operation.

Cautions

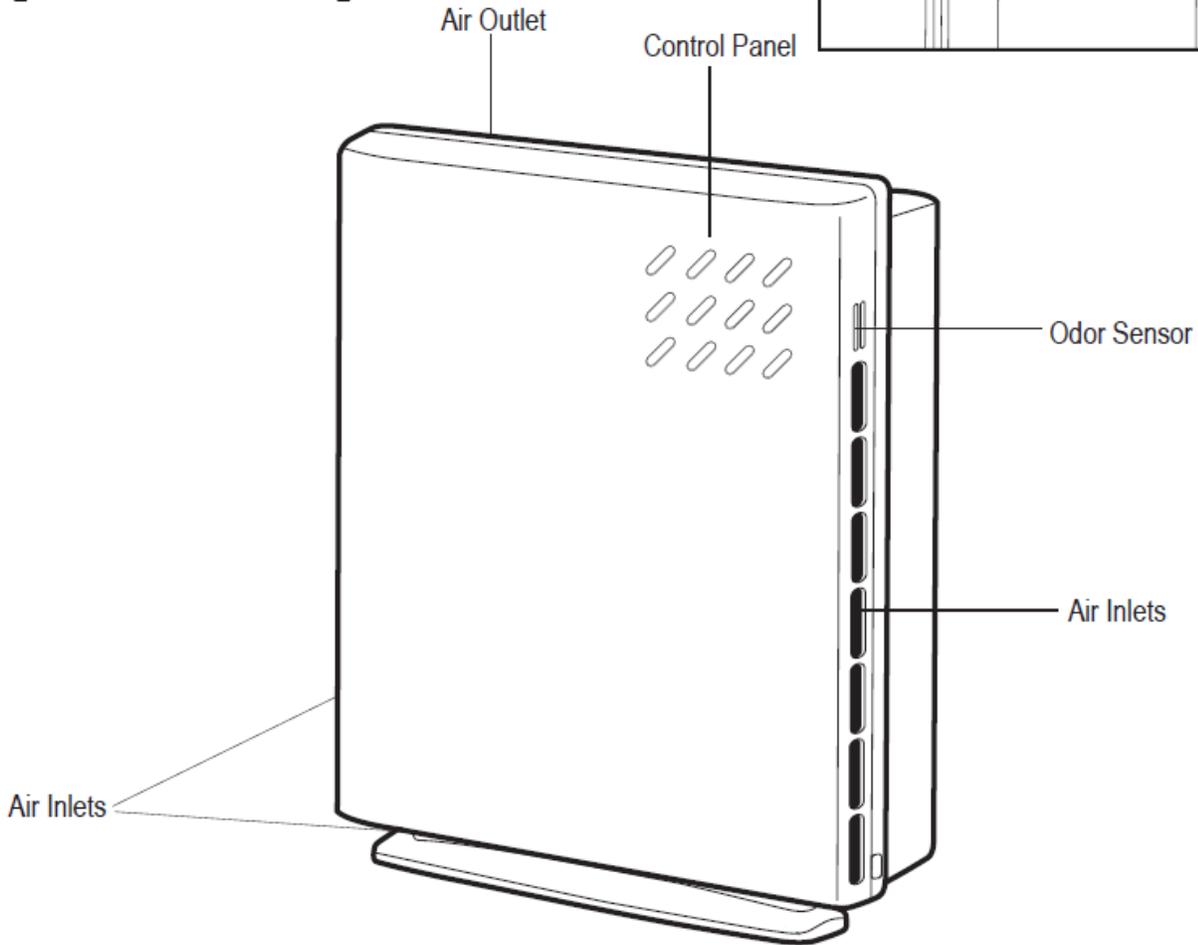
1. To prevent electric shock, do not dismantle, repair or modify this product beyond the instructions given in this manual. In case of malfunction, please contact Surround Air.
2. Do not use in places where flammable and explosive materials are stored.
3. Do not allow foreign objects into this device. High voltage inside the device may cause electric shock.
4. To avoid interference, this device should be placed at least 3 feet away from computers, televisions or radios.
5. Do not cover this device with fabrics or any other materials.
6. Do not block the air inlet or outlet.
7. Do not move the device while it is in operation.
8. Make sure that all filters are in place before operating.
9. To prevent short-circuit or electric shock hazard, do not place the device in places that are wet or where water may potentially enter the unit.
10. Before unplugging the device, turn the power off, along with all control functions.
11. Do not operate if the power cord is damaged.
12. To prevent fire or electric shock, unplug the machine from the electrical outlet under the following conditions: when it is not operated for long periods, while cleaning or replacing filters or UV bulbs, or when the machine is being moved.

Placement

- Since the Intelli-Pro 3 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 Intelli-Pro 3 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 unit. 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 Intelli-Pro 3 at least 3 feet away from computers, televisions, and sensitive electrical equipment, and two feet from occupants in the room while in operation.
- To the extent possible, it is optimal to place the Intelli-Pro 3 in areas: 1) nearest the source of airborne pollutants, 2) where airborne pollution is strongest, and 3) where affected persons spend most of their time.

Diagram - External

[Whole Unit]



[Control Panel]

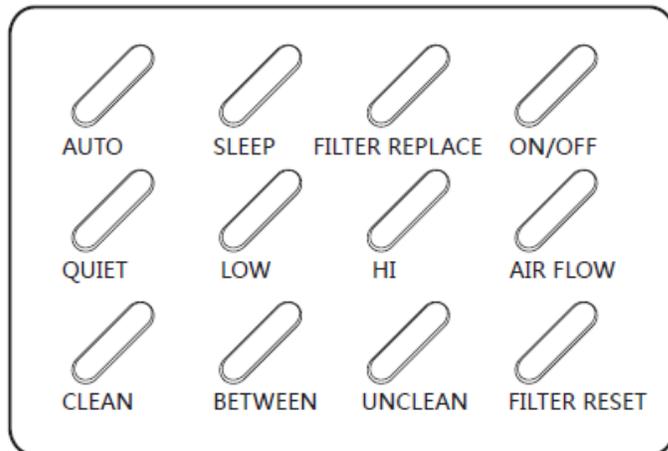
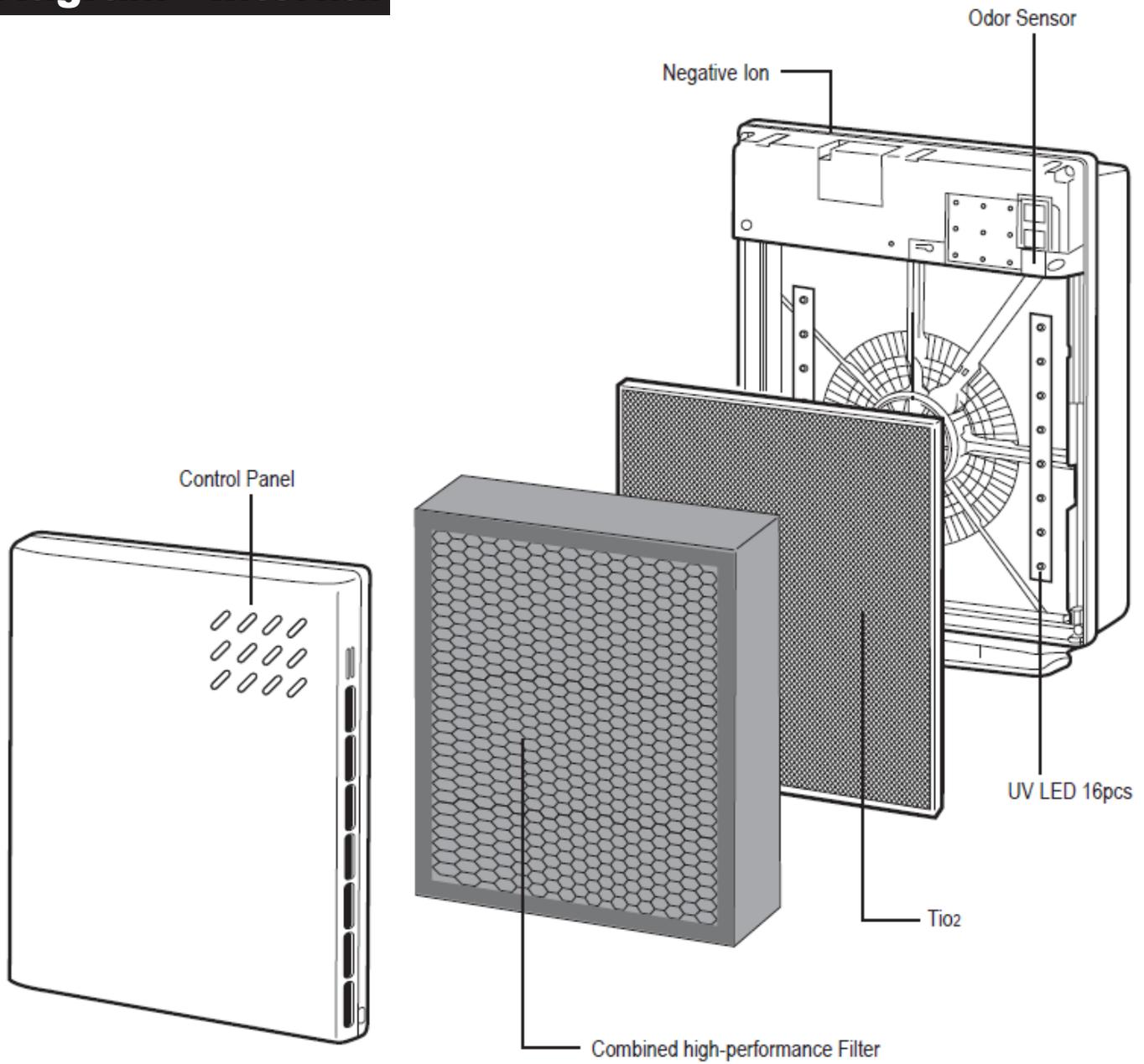
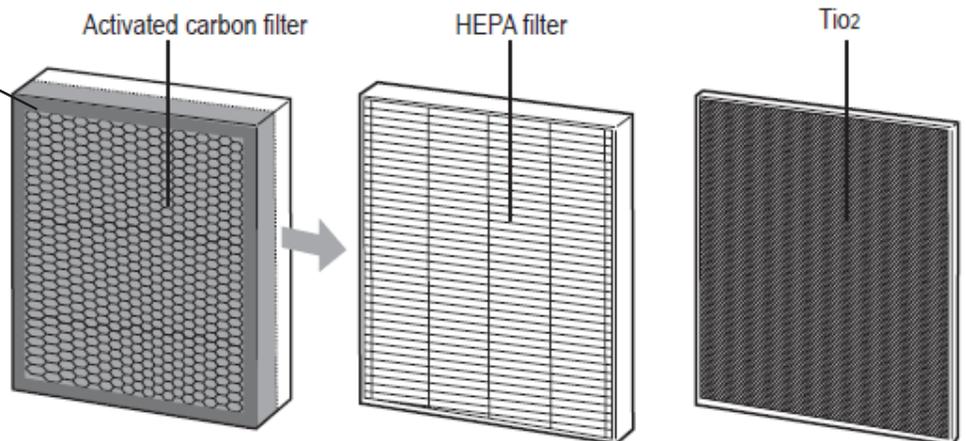


Diagram - Internal



Combination Filter:
The air first passes through the large, combination filter of the Intelli-Pro 3, which features an activated carbon filter on one side, and a high-efficiency HEPA filter on the other.



How to Operate

- 1. Press the Power Button Once for Automatic Mode.** The *Auto* LED will light up and the *Clean Air* LED at the bottom left of the control panel will blink for three minutes to establish a baseline reading (see “*Properly Setting the Sensor for Automatic Mode*” below). In Automatic mode, the air purifier will run in *High* operation when the air quality registers as *Unclean*, *Low* operation when the air quality registers as *Between*, and *Quiet* mode when it registers as *Clean*.
- 2. Press the Power Button Twice for Sleep Mode.** In *Sleep* Mode, the LED lights are dimmed, and the fan will operate in *Quiet* Mode.
- 3. Press the Air Flow Button to enter Manual Mode.** Choose either *High*, *Low* or *Quiet* operation.

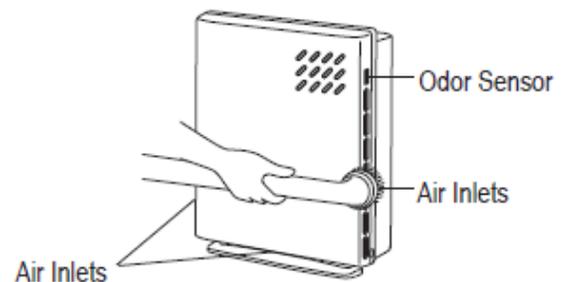
Properly Setting the Sensor for Automatic Mode:

1. Turn the air purifier on and enter Manual Mode by pressing the *Air Flow* button. Operate on *High* until you are confident that the air is reasonably clean, whether it be minutes, hours or days.
2. Turn the air purifier “off”, unplug it, and then immediately plug it back in and turn it on again. This will reset the sensor. The air purifier will register the existing air quality condition as *Clean*.
3. The *Clean Air* LED will blink for 3 minutes to establish a baseline reading. Leave the air purifier in *Auto* mode (the *Auto* LED will be lit).

Cleaning and Maintenance

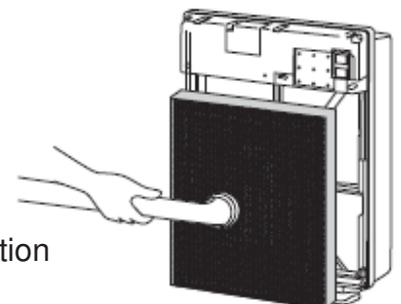
- ! Turn air purifier “off” and unplug before performing cleaning and maintenance.
- ! It is recommended that Cleaning and Maintenance be performed every 2-3 months.

- 1. Wipe down housing with a soft rag. Use mild soap or a neutral detergent.**



- 2. Vacuum dust out of the air inlets and the cavity where the sensor is located.**

- 3. Vacuum the dust from both sides of the combination filter (closest to front panel). Press lightly.**



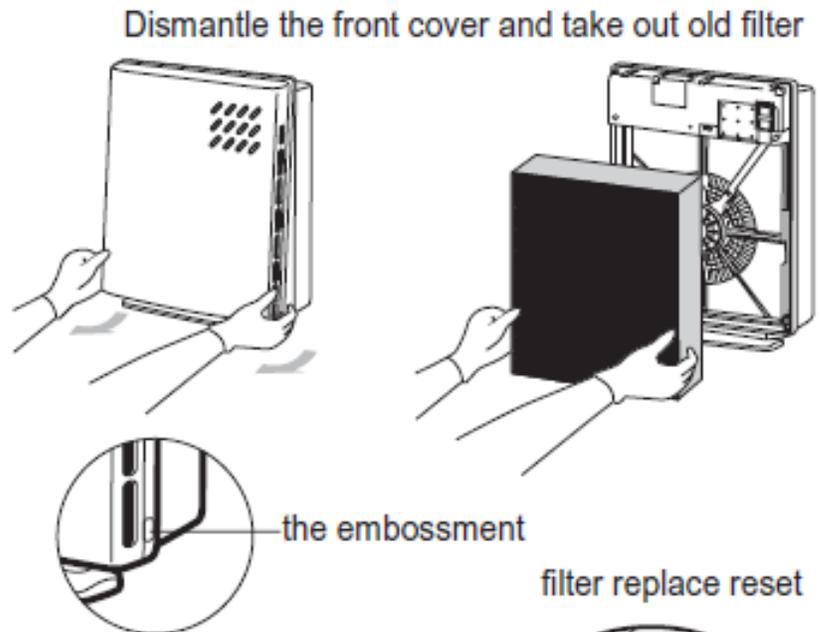
Filter Replacement

! Turn air purifier “off” and unplug before replacing filters.

When to Replace the Combination Filter:

Note: This filter is black on one side and white on the other. It is the closest to the front panel.

1. When the Filter Replace indicator lights up.
2. If the filter is badly discolored and gives off a foul odor.
3. If the filter is packed with residue which cannot be reasonably removed.



When to Replace the Photocatalytic Filter:

Replace every 3-5 years, when the surface begins to show signs of corrosion.

Note: This filter is metallic in appearance. It sits behind the Combination Filter.



Replacement Steps:

- 1. Remove Front Cover.** Pull the embossments (tabs) of the front cover toward you, located at the bottom-sides of the front cover. The bottom will detach first by pulling outward, and then the top will detach next by lifting upward.
- 2. Remove Filter.** With the front cover completely removed, take out the existing filter and properly dispose.
- 3. Insert Replacement Filter.** Remove the replacement filter from its plastic bag and insert it into its proper place.
- 4. Re-Attach Front Cover.** Insert the embossments (tabs) at the top of the front cover into their slots at the top of the air purifier frame, and then snap the lower end into place.
- 5. Filter Reset Button.** This applies only to the Combination Filter, not the Photocatalytic Filter. First, plug the air purifier into the wall outlet. Before turning the air purifier back on, push the Filter Reset button on the Control Panel using a needle.

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/

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/

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 Combination Filter
2. TiO₂/Photocatalytic Filter

Where to Buy

Surround Air

<http://www.surroundair.com>

Toll Free: 888.812.1516



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