



**Living Air®**  
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## **Owners Manual**

# **Living Air® Electronic Air-Purification Systems**

**Model EPI®**

- \*Installation**
- \*Operation**
- \*Maintenance**
- \*Warranty**

**Caution: Read manual carefully for proper procedures and operation.**



## **Model EPI®**

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Please record the serial number of your Living Air  
Model EPI below:

Serial # \_\_\_\_\_

## **OUTSTANDING FEATURES**

COMPACT

PORTABLE

NO DUCT WORK REQUIRED

PLUGS INTO 110 VOLT OUTLET

NO CHEMICALS

LOW ELECTRICAL USE

NO INSTALLATION REQUIRED

LOW MAINTENANCE

NO RESIDUAL CONTAMINATION

COMPLETE USER CONTROL

## **MODEL EPI SPECIFICATIONS**

\*Negative and positive ion generation

Features:

Adjustable fan speed control

Washable permanent lint filter

Fixed and balanced DC ion output circuit

Electrical:

120 volt 60hz ac line operation

Less than 30 watts power consumption

12 KV DC ion generator

Mechanical:

400 CFM free air delivery fan

Front access control for governing fan speed

Size:

Height 11 3/4"; width 8"; depth 9 3/4"

Weight 21 pounds

Warranty:

3 years parts and labor

## **INSTALLATION AND INSPECTION OF MODEL EPI**

- Remove unit from shipping carton
- Remove all protective materials
- Check for shipping damage or loose or broken parts
- Plug the unit into a 110 volt outlet and adjust controls according to the application.  
(See: "Placement of unit" and "Adjust/setting unit controls".)

### **PRINCIPLES OF OPERATION**

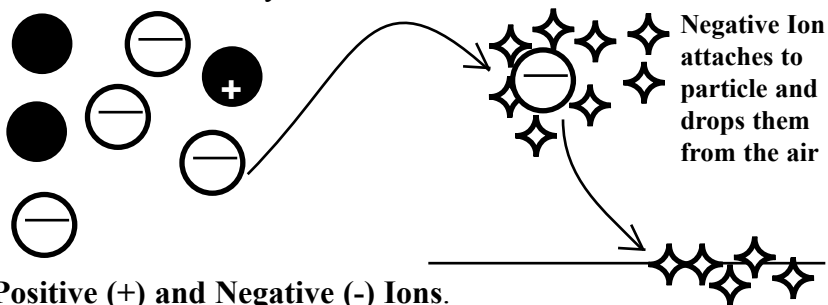
Nature cleanses the air with the lightning and the rain. Lightning bolts produce positive and negative ions which cleanse the air naturally. Rain helps bring ions closer to the earth's surface. The ions are then attracted to atmospheric contaminants and either removed from the air, or attached to grounded objects.

The Living Air purification Model EPI produces billions of negative or positive ions, which will function in two ways:

1. Airborne particles, contaminants, and pollution are electrically charged, precipitated together, and they adhere to a grounded surface or are then heavy enough to be influenced by gravitational forces.
2. Static electricity is directly related to an imbalance between positive and negative ions. The Model EPI will create an equilibrium between the negative and positive charges in very high quantities, thereby reducing the total static electrical imbalance.

## **IONS - INDOOR SPACE TRAVELERS**

Living Air's ion field generator re-establishes the ratio of negative to positive ions found in the outdoors. Ionized (charged) particles are removed from the air by attraction to solid surfaces.



## **PLACING THE UNIT**

Elevate the unit as much as possible to insure complete purification. Some pollutants such as smoke rise and the unit, when elevated, can more effectively eliminate the pollutant.

The Living Air Model EPI is most effective when placed in a position that allows the ions to be spread evenly and be thoroughly mixed with the polluted air. Suggested locations, listed in the order of preference:

- 1) In or near the air stream or current within the room that will best disperse the ions.
- 2) Nearest the source of the worst pollution.
- 3) In the area most heavily used to achieve maximum benefit.

**FOR MAXIMUM CONTROL, THE IONIZER SHOULD BE PLACED WHERE EASY ACCESS TO THE CONTROLS IS POSSIBLE.**

**THE UNIT SHOULD ALWAYS BE PLACED AT LEAST ONE INCH AWAY FROM THE WALL TO ACHIEVE UNRESTRICTED AIR FLOW.**

## ADJUST/SETTING CONTROLS

### 1. FAN CONTROL

The disbursement of ions is best accomplished with good air circulation. The fan control should be set as high as possible without creating an undesirable noise level. This will be determined by personal preference and the distance you wish the ions to be dispersed.

### APPLICATIONS

COMPUTER ROOMS	ANIMAL DANDER	COPY ROOMS
SAW DUST	AIRBORNE BACTERIA	DUST
STATIC ELECTRICITY	PHOTO LABS	PRINTERS
AGRICULTURE DUST	FEATHER DUST	SMOKE
PLASTIC OPERATIONS		* AND MANY OTHERS

The Living Air Model EPI is designed for heavy duty removal of airborne particles and pollution from the air. The system is effective in the range of air movement. The use of auxiliary air moving equipment such as fans and recirculation equipment will help to increase its effective range. The Model EPI will cover approximately 1500 square feet without auxiliary air movement.

## MAINTENANCE/TROUBLESHOOTING

### Rear screen of filter cleaning -

When visibly dirty, remove the filter screen from the back of the unit and wash it with warm soapy water. Dry completely before reinstalling. DO NOT WASH IN A DISHWASHER!

## The Ion Generator -

The electronic ionizer may need periodic cleaning of the needles.

**Energy may be stored in the circuitry, even though the unit is unplugged.** Discharge each set of needles to a grounded object by using a wire with an inch of insulation stripped from each end. Connect one end of the wire to a grounded object, such as a water pipe, and touch the other end to each set of needles.

(Remove 2 screws at the base of each ion needle assembly for easier access to the needles.) Clean them with a cotton swab and alcohol. The indicator lights inside the unit will not light if the ions are not being produced; however, the fan may continue to operate.

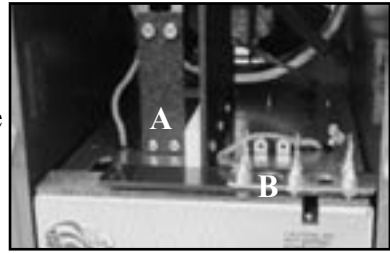


Figure A represents assembled needles.  
Figure B represents disassembled needles.

## Cleaning the fan -

The fan requires no maintenance except on rare occasion it may be necessary to give it a gentle push the first time it is used. If the fan squeaks, a drop of lightweight oil may be needed on the fan shaft.

## Troubleshooting - What to look for first

Is the unit plugged in?

Are you sure the outlet is active?

Is the unit off/on switch activated?

Is the rear filter screen installed properly to depress the safety switch?

## Warranty

Living Air Purification Products are of solid state construction and carry a full three- year limited warranty, from the date of purchase, to be free from defect in materials and workmanship. See warranty card.



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