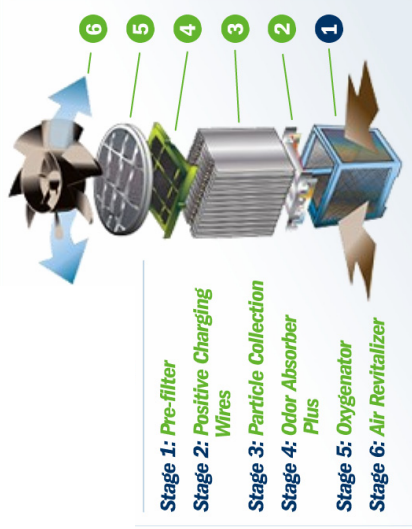


# Technology & Performance Comparison with Leading Brand Air Cleaners

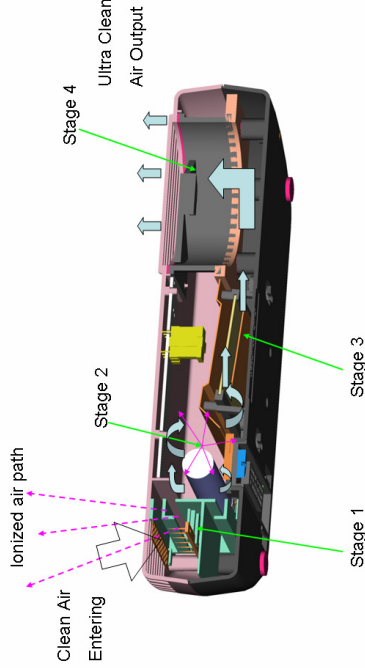
## Ionic Concept Supercharged Electrostatic Air Filtration System (Patent Pending)



### Disadvantages:

1. Floor standing only – Air enters the unit where there is a high concentration of unwanted particles.
2. Pre-filter collects bacteria and moisture—a potential medium for bacteria growth on its surfaces. This generates odor, resulting in the necessity to add an additional “Odor Absorber Plus” to remove the Odor caused by poor design.
3. Positive Charging system causes loud zapping noises frequently as complained by consumers. It also generates OZONE which is harmful to environment.
4. Inefficient - Energy used to power this unit is mainly wasted in the large fan motor that forces air through high resistance air filters.
5. Very hard to maintain as complained by customers.
6. Output air quality has not been validated with reference to ISO air quality standard.
7. High operating cost – Expensive replacement filters.

Listed price: USD \$599.00



### Stage 1 - Dual Functions Ionization Filtration Stage:

1. Ionized air molecules bombard surrounding air and remove most of the airborne matters from the air.
2. Negatively charged air filtered by ionization stage passes into the Ultimate Filtration Chamber.

### Stage 2 - Germicidal UV with Air Flow Management:

1. Converts the incoming air flow from Laminar to Turbulence when entering the UV Chamber. This prolongs the airborne matters UV exposure period.

### Stage 3 - Supercharged Electrostatic Field Filtration:

1. Removes airborne matters down to .01 micron in size.
2. Electrostatic air filtration process is proven to be most reliable filtration method.
3. Patent pending subcompact design with ultra high efficiency air filtration functions.
4. Easy maintenance with periodic cleaning of Collector Plate. No disposable filter required.

### Stage 4 - Super quiet fan system.

**Output air quality meets ISO 14644-1 Class ISO 6 ( USA FED STD 209E Class 1000) with precondition set forth as in page 1**

**Environmentally Friendly – No Disposable Filter**



- A. Stage 1 - Micro-particle filtration  
Eliminates micro-particles such as pollen, pet dander and mold spores.
- B. Fan Motor
- C. Stage 2 - HyperHEPA® filtration

### Disadvantages:

1. Floor standing only – Air enters the unit where there is a high concentration of unwanted particles.
2. Micro-particle filtration collects bacteria and moisture—a potential medium for bacteria to grow on its surfaces, thus generating odor. It is common to find molds on used HEPA filter surfaces.
3. Inefficient - Energy used to power this unit is mainly wasted in the large fan motor to force air through high resistance air filters. Power loss is converted into heat and makes air warmer, which also helps to provide an idea environment for bacteria to grow.
4. Manufacturers only suggest certain % removal of airborne particles but not referring to Air quality standard as quantified with reference to ISO 14644-1 air quality standard.
5. High operating cost – Expensive replacement filters.

Listed price: USD \$730.00