**9-Stage Detection, Diagnostic, Filtration & Purification**

1. **Air Pollution Sensors:** Monitor indoor pollution levels and adjust system performance settings to maximize air cleansing effectiveness.

2. **Diagnostic Sensors:** Alert you when it's time to replace filters, UV light or clean collector grid. Designed to guaranty system is working at peak performance.

3. **Washable Mesh Pre-Filter:** Removes large airborne particles; extends unit life; maximizes efficiency of other filters.

4. **Washable Electrostatic Dust Collector:** Traps dust, pet dander, tobacco smoke, pollen and other harmful airborne particles and pollutants like a magnet.

5. **HEPA Filter:** 99.97% effective in capturing airborne particles 300 times smaller than the width of a single human hair.

6. **Activated Charcoal Filter:** Neutralizes smoke, chemical and paint fumes, pet smells, toilet and other household odors.

7. **Antimicrobial UV Nano Technology:** Highly effective against biological based diseases caused by viruses, bacteria's and molds.

8. **Photo Catalyst Nano-TiO2:** Helps eliminate mold, bacteria and viruses and neutralize many fumes and chemical odors.

9. **Negative Ion Generator:** Clears the air of dust, smoke, bacteria and other harmful air pollutants; even reduces fatigue.

**Additional Features & Functions**

- **5-Speed Fan:** Effectively moves and cleanses indoor air. Can be set to high, medium, low, ultra-quiet and automatic operation.

- **4-Mode Auto-Timer:** Manual (on/off) for continuous operation; 1 hr. on then off; 2 hrs. on then off; 8 hrs. on then off.

- **Multiple Air Inlets:** Maximizes air flow through the unit.

- **Stylish, Contemporary Design:** Distinctive styling compliments any home or office decor.

- **Intuitive Operation:** Easy to understand and operate controls.

- **Easy-Open Assembly:** Ideal for quick and easy filter replacement and cleaning.

**Specifications:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable Area</th>
<th>Fan Speeds</th>
<th>Noise Level</th>
<th>Air Flow Rate</th>
<th>Ion Output</th>
<th>Voltage Supply</th>
<th>Power Rating</th>
<th>Dimensions (inches)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-9090</td>
<td>754 sq ft</td>
<td>5</td>
<td>Quiet 20 db • Low 35 db • Med 45 db • High 52 db</td>
<td>106 cfm (on high)</td>
<td>≥2x10^7 ions/cm^2</td>
<td>AC 120/60Hz</td>
<td>80 W</td>
<td>13.5 x 10 x 25.6</td>
<td>15 lbs, 2 oz.</td>
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</tbody>
</table>