**Technical Specifications**

**Models:**
- KCG40M
- KCG50
- KCG60L

<table>
<thead>
<tr>
<th>Feature</th>
<th>KCG40M</th>
<th>KCG50</th>
<th>KCG60L</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power input</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Without humidifying</td>
<td>342</td>
<td>408</td>
<td>630</td>
</tr>
<tr>
<td>- With humidifying</td>
<td>426</td>
<td>497</td>
<td>726</td>
</tr>
<tr>
<td><strong>Operation modes</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Max / Med / Low</td>
<td>342 / 240 / 72</td>
<td>408 / 240 / 72</td>
<td>630 / 120 / 72</td>
</tr>
<tr>
<td><strong>Airflow (m³/hour)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Max / Med / Low</td>
<td>342 / 240 / 72</td>
<td>408 / 240 / 72</td>
<td>630 / 120 / 72</td>
</tr>
<tr>
<td><strong>Inverter operation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- With humidifying</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>- Without humidifying</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Humidifying capacity</strong></td>
<td>670 mL/hour</td>
<td>870 mL/hour</td>
<td>1,200 mL/hour</td>
</tr>
<tr>
<td><strong>Tank capacity</strong></td>
<td>3.0 L</td>
<td>4.5 L</td>
<td>6.0 L</td>
</tr>
<tr>
<td><strong>Operation modes</strong></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**Other Features:*
- **Clean ion shower**
  - (TA) / Sand (SA)
- **Humidifying**
  - (E) / Anti-dust (Y) /
- **Deodorizing**
  - (Haze) / Anti-dust (Y) /
- **Pre-filter**
- **Filter type**
  - Dust collection
  - Fine-meshed
- **Auto restart**
- **Child lock**
- **Auto, Inverter, Sleep**
- **Clean sign indicator**
- **Motion sensor**
- **Light control button**
- **Night control button**
- **Replacement unit**
- **Replacement filter**
  - HEPA*6
  - Double deodorization
- **Replacement air filter**
- **Replacement air purifier module**
  - HEPA*6
- **Replacement air purifier module**
  - HEPA*6
- **Replacement air filter**
  - HEPA*6

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*Technical Specifications are current as of July 2017, but are subject to change without notice. Actual colors may differ slightly from the colors shown in this brochure. All rights reserved. SHARP CORPORATION. SHARPCORP. The numbers in this technology mark indicate the approximate number of ions supplied into 1 cm³ of air, which is measured around the center of a room (at a height of 1.2 m above the floor) with the applicable floor. The ion concentration is measured using a method set by the Japan Electrical Manufacturers' Association (JEM1426). The concentration of ions can be affected by the humidity and temperature of the space. An ion concentration of 10,000 ions/cm³ or above is considered to possess a noticeable effect on human health. The JEM1467 standard is based on the JEM1426 standard. The recommended area is measured based on the JEM1467 standard of the Japan Electrical Manufacturers’ Association. Recommended room size: Measured based on the JEM1467 standard of the Japan Electrical Manufacturers’ Association. Measurement conditions: 20°C, 30% humidity (JEM1426). Size of a room in which the product can be used: Measured based on the JEM1467 standard of the Japan Electrical Manufacturers’ Association. Design and specifications are current as of July 2017. Use this air purifier in combination with a humidifier. Not all commonly occurring odors (e.g., pet odors) can be removed. Use the air purifier in combination with an air conditioner. Use tap water to fill the water tank. Heat from air drawn in is lost when water evaporates from the humidifier filter, so the temperature of the outgoing airflow is lower than the room temperature. If used for strong odors, use the air purifier in combination with an air conditioner. Not all commonly occurring odors (e.g., pet odors) can be removed. The filter itself may produce an odor and need to be replaced after several months if the air purifier is used to reduce strong odors, such as cigarette smoke or grilled meat. Use this air purifier in combination with an air conditioner.
Plasmacluster Air Purifier Three-step Dust Collection System

**1. REMOVE**
- Harmful Gases
  - Absorbs cigarette odor, harmful gases in HAZE*5 and many other common household odors.
- Double Deodorizing filter
  - Two filter sheets are one behind the other, with activated carbon in the middle.

**2. COLLECT**
- Three Filters Reliably Capture Dust, Gas, and Odors.
- HEPA Filter**
  - Captures dust and pollen and is also effective in capturing mold, viruses, and allergens.

**3. ENHANCE**
- Plasmacluster Air Purifier
  - Three-step Dust Collection System
  - Removes dust, pet odor, cooking odor, mold, and allergens.
  - Removes PM2.5 and 0.3 micron particles.

**What the HEPA Filter** Captures
- 99.97%** capture and removal of 0.3 micron dust particles
- Corrects air pollution and maintains high-quality air for healthy life.

**Intelligent Mode with 7 Types of Detection in Effect**
- PM2.5, USUAL DUST, ODOR, TEMPERATURE, HUMIDITY, LIGHT, MOTION.

**Simple Operation for Easy Everyday Use**
- A high-density concentration of Plasmacluster ions are discharged forward.
- Once you press the button, everything operates automatically. Humidifying and air purification are conducted according to the temperature, pollen, humidity, and air quality of the air in the room.

**Approved by the British Allergy Foundation**
- The British Allergy Foundation has tested KI, KE, and FU-series Sharp Plasmacluster air purifiers and verified that airborne allergens including dust mite feces and remains, as well as pollen, are removed.