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> [KENT](#) /

> KENT Gold Optima Gravity Water Purifier Model 111016-N User Manual

KENT 111016-N

KENT Gold Optima Gravity Water Purifier

Model: 111016-N

INTRODUCTION

The KENT Gold Optima is a non-electric, gravity-based water purifier designed to provide clean and safe drinking water using advanced Ultra Filtration (UF) technology. This system is ideal for purifying tap or municipal water with low Total Dissolved Solids (TDS) levels, offering a chemical-free purification process.

SAFETY INSTRUCTIONS

- Read all instructions thoroughly before assembling, installing, or operating the purifier.
- Do not expose the purifier to direct sunlight for extended periods, as prolonged exposure can damage the plastic body and components.
- This purifier is designed for use with potable water sources only. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection.
- Keep the appliance out of reach of children to prevent accidental damage or misuse.
- Ensure the purifier is placed on a stable, flat surface to prevent tipping.

PRODUCT OVERVIEW AND KEY FEATURES

The KENT Gold Optima features a compact, dual-tank design for efficient water purification and storage.



KENT Gold Optima Removes Bacteria & Viruses Make Water Pure



Gravity Based, Water Purifier
with Hollow Fibre UF Membrane

Image: KENT Gold Optima Gravity Water Purifier. This image displays the complete KENT Gold Optima unit, showcasing its two-tier structure and compact design. A person is shown holding a glass of purified water, illustrating the product's function.

Key Features:

- **Non-Electric & Chemical-Free Purification:** Operates without electricity and does not require chemical additives for purification.
- **Gravity-Based UF Technology:** Utilizes a Hollow Fibre Ultra Filtration (UF) membrane to effectively remove bacteria, cysts, and viruses.
- **10-Liter Storage Capacity:** Comprises a 5-liter top tank for unfiltered water and a 5-liter bottom tank for purified water.
- **Countertop Design:** Suitable for placement on kitchen counters or other stable surfaces.
- **Low TDS Water Suitability:** Optimized for purifying tap or municipal water with low TDS levels, typically up to 150 ppm.

10L Storage Capacity

5 litres is available in the top tank for unfiltered water and **5 litres** in the bottom tank for purified water.



Image: KENT Gold Optima with 10L Storage Capacity. This image clearly illustrates the two tanks of the purifier, indicating the 5-liter capacity for the top unfiltered water tank and the 5-liter capacity for the bottom purified water tank, totaling 10 liters.

Non-Electric & Chemical Free Purification



Image: KENT Gold Optima highlighting Non-Electric & Chemical Free Purification. This image emphasizes the purifier's core benefits: advanced ultra-filtration technology, smart design, and its operation without electricity or chemical additives.

Suitable for Low TDS Water

Suitable to use where
Tap/Municipal water has
low TDS up to 150



Image: Hand holding a TDS meter over a glass of water. This image demonstrates the suitability of the KENT Gold Optima for low TDS water, showing a TDS meter reading, indicating its use for tap or municipal water with TDS up to 150.

SETUP INSTRUCTIONS

Follow these steps for initial setup of your KENT Gold Optima water purifier:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the physical user manual are present.
2. **Assemble Tanks:** Securely connect the top raw water tank to the bottom purified water tank. Ensure a tight fit to prevent leaks.
3. **Install Purification Cartridges:** Insert the UF membrane and any other purification cartridges into their designated slots as illustrated in the detailed diagrams provided in your physical user manual. Ensure they are correctly oriented and sealed.
4. **Position Purifier:** Place the assembled purifier on a stable, flat, and clean countertop surface, away from direct sunlight or heat sources.
5. **Attach Tap:** Securely attach the dispensing tap to the outlet on the bottom purified water tank. Hand-tighten to prevent leaks.

OPERATING INSTRUCTIONS

To operate your KENT Gold Optima water purifier:

1. **Fill Top Tank:** Open the lid of the top tank and carefully pour raw tap or municipal water into it. Do not fill beyond the maximum fill line.
2. **Allow Purification:** The water will gravity-feed through the UF membrane into the bottom tank. This process takes time, depending on the water quality and membrane condition.
3. **Dispense Purified Water:** Once the bottom tank contains purified water, it is ready for consumption. Use the tap to dispense water as needed.
4. **Maintain Water Level:** For continuous supply of purified water, ensure the top tank is regularly refilled with raw water.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your purifier:

- **External Cleaning:** Clean the outer body of the purifier regularly with a soft, damp cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents.
- **Tank Cleaning:** Periodically empty and clean both the top and bottom tanks with clean water. This helps prevent the buildup of algae, slime, or sediment.
- **UF Membrane Maintenance:** The UF membrane is a critical component and requires periodic cleaning or replacement. Refer to the specific instructions in your physical user manual for details on backwashing the UF membrane or when to replace it. The frequency depends on the quality of your input water and usage volume.
- **Tap Cleaning:** Ensure the dispensing tap is clean and free from blockages.

TROUBLESHOOTING

Refer to this section for common issues and their potential solutions:

- **Slow Water Flow:** If the water flow from the top tank to the bottom tank is significantly slow, the UF membrane may be clogged. Refer to the maintenance section for instructions on cleaning or replacing the UF membrane.
- **Water Leakage:** Check all connections, including the tank assembly and the dispensing tap, to ensure they are securely tightened and properly sealed. If a component is cracked or damaged, it may need replacement.
- **Unpleasant Taste or Odor in Purified Water:** Ensure all components, especially the tanks and UF membrane, are clean and properly installed. If the issue persists after thorough cleaning, the UF membrane may require replacement.
- **No Water Dispensing:** Check if the bottom tank contains purified water. Ensure the tap is in the open position and not blocked.

SPECIFICATIONS

Feature	Specification
Brand	KENT
Model Number	111016-N

Purification Method	Ultra Filtration (UF)
Storage Capacity	10 Liters (5L Raw Water, 5L Purified Water)
Product Dimensions (L x W x H)	8.66" x 8.66" x 9.84"
Item Weight	3.7 Kilograms
Operation Type	Non-Electric, Gravity-Based
Suitable Water Source	Low TDS Tap/Municipal Water (up to 150 TDS)
Manufacturer	KENT RO SYSTEMS PVT LTD

WARRANTY INFORMATION

KENT products typically come with a standard manufacturer's warranty. For detailed terms and conditions, including the specific warranty period and coverage for your KENT Gold Optima, please refer to the warranty card included with your product. You may also visit the official KENT website for the most up-to-date warranty information.

CUSTOMER SUPPORT

For technical assistance, service requests, or inquiries regarding spare parts, please contact KENT customer support. Contact details, including phone numbers and email addresses, can be found on the official KENT website or in the physical user manual provided with your purifier.