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› [KENT](#) /

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KENT 11014

KENT Gold Gravity Water Purifier Model 11014 Instruction Manual

Your guide to safe and effective water purification.

1. INTRODUCTION

The KENT Gold Gravity Water Purifier is a non-electric, chemical-free water purification system designed to provide clean and safe drinking water. It utilizes advanced Hollow Fiber Ultra Filtration (UF) membrane technology to effectively remove bacteria, viruses, and cysts from water, ensuring purified water without the need for electricity or added chemicals. This manual provides essential information for the proper installation, operation, and maintenance of your water purifier.



Image 1.1: The KENT Gold Gravity Water Purifier, fully assembled and ready for use on a kitchen countertop.

Key features include a 20-liter storage capacity (7 liters for unfiltered water in the top tank and 13 liters for purified water in the bottom tank), a transparent tank made of unbreakable ABS food-grade plastic, and a high base stand for convenient water dispensing. The system also incorporates nano-silver carbon for enhanced disinfection.

2. SAFETY INSTRUCTIONS

- Use only with potable water sources. This purifier is suitable for water with a low Total Dissolved Solids (TDS) level, typically up to 150 PPM.
- Do not expose the purifier to direct sunlight or extreme temperatures. The maximum operating water temperature is 35°C (113°F).
- Ensure the purifier is placed on a stable, flat surface to prevent accidental tipping.
- Do not use harsh chemicals or abrasive cleaners on any part of the purifier. Use a soft, damp cloth for cleaning.
- Keep out of reach of children to prevent misuse or damage.
- Do not attempt to modify or repair the purifier yourself. Contact authorized service personnel for assistance.

Non-Electric & Chemical Free Purification



Image 2.1: Illustrates the importance of checking TDS levels, as this purifier is designed for low TDS water sources.

3. PRODUCT COMPONENTS

The KENT Gold Gravity Water Purifier comes with the following components:

- **Top Tank:** For holding unfiltered water.
- **Bottom Tank:** For storing purified water.
- **Middle Partition:** Separates the top and bottom tanks, housing the purification cartridge.
- **Bottom Stand:** Provides stability and elevates the purifier for easy dispensing.
- **UF Membrane Cartridge:** The core purification component.
- **Nano-Silver Carbon Filter:** For enhanced disinfection.
- **Faucet:** For dispensing purified water.



Image 3.1: An exploded view showing the main components of the KENT Gold Gravity Water Purifier and its overall dimensions.

4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all parts from the packaging. Inspect for any damage.
2. **Clean Tanks:** Wash the top tank, bottom tank, and middle partition with clean water. Do not use soap or detergents.
3. **Assemble Filters:** Insert the UF membrane cartridge and nano-silver carbon filter into their designated slots in the middle partition according to the markings. Ensure they are securely fitted.
4. **Attach Faucet:** Securely attach the faucet to the bottom tank. Ensure all washers and nuts are tightened to prevent leaks.
5. **Stack Components:** Place the bottom stand on a stable, flat surface. Position the bottom tank on the stand.

Place the middle partition onto the bottom tank, ensuring it sits correctly. Finally, place the top tank onto the middle partition.

6. **Initial Flushing:** Before first use, fill the top tank with water. Allow the water to filter through and collect in the bottom tank. Dispense and discard the first 5-10 liters of purified water to flush out any manufacturing residues and activate the filters.

5. OPERATING INSTRUCTIONS

1. **Filling the Top Tank:** Open the lid of the top tank and pour unfiltered water into it. Do not overfill beyond the indicated maximum level.
2. **Purification Process:** The water will slowly pass through the UF membrane and nano-silver carbon filter in the middle partition, collecting as purified water in the bottom tank. This is a gravity-based process and takes time.
3. **Dispensing Water:** To get purified water, open the faucet on the bottom tank. Close the faucet after use.
4. **Continuous Operation:** For continuous supply, ensure there is always water in the top tank. However, avoid filling the top tank if the bottom tank is already full to prevent overflow.



KENT
House of Purity

KENT Gold
Removes Bacteria & Viruses
Make Water Pure

Gravity Based, Water Purifier
with Hollow Fibre UF Membrane

The advertisement features a woman in a blue saree holding a glass of water next to a KENT Gold water purifier. The purifier is a three-tiered unit with a top tank for unfiltered water, a middle partition with a filter, and a bottom tank for purified water. The KENT logo and 'House of Purity' tagline are visible in the top left. The product name 'KENT Gold' and its key features are prominently displayed in the center. The bottom text describes the purifier as a gravity-based unit with a hollow fibre UF membrane.

Image 5.1: The purifier's 20-liter storage capacity, with 7 liters in the top tank for unfiltered water and 13 liters in the bottom tank for purified water.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your KENT Gold Gravity Water Purifier.

6.1 Cleaning the Tanks

- Clean the top and bottom tanks regularly, especially if you notice any sediment or slime buildup.
- Use a soft brush or sponge and clean water. Do not use detergents or harsh chemicals.
- Rinse thoroughly after cleaning.

6.2 UF Membrane and Nano-Silver Carbon Filter

- The UF membrane has an expected life of up to 4000 liters, depending on the quality of input water.
- If the filtration rate significantly slows down, it may indicate that the UF membrane or carbon filter is clogged and requires cleaning or replacement.
- Refer to the user manual or contact customer support for instructions on cleaning or replacing the UF membrane and nano-silver carbon filter. Always use genuine KENT replacement parts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Slow water filtration	Clogged UF membrane or carbon filter.	Clean or replace the UF membrane and carbon filter. Ensure proper priming if applicable.
Water leakage	Loose connections or damaged seals.	Check all connections, especially the faucet, and ensure they are tightened. Inspect seals for damage and replace if necessary.
Unusual taste in purified water	Insufficient initial flushing or new filter taste.	Discard more water (5-10 liters) to ensure thorough flushing. If the taste persists, contact customer support.
No water dispensing	Faucet is closed or top tank is empty.	Ensure the faucet is open and the top tank has water. Check for blockages in the faucet.

8. SPECIFICATIONS

Feature	Detail
Brand	KENT
Model Name	Gold
Model Number	11014
Purification Method	Ultra Filtration (UF)
Power Source Type	Non-Electric
Total Capacity	20 Litres (7L unfiltered, 13L purified)
Material	Food-grade Plastic (ABS)

Feature	Detail
Product Dimensions (L x W x H)	35L x 32W x 60H Centimeters
Item Weight	3.6 Kilograms
Maximum Flow Rate	120 Liters Per Day
Supported Water TDS Level (Max)	150 PPM
Max Operating Water Temperature	35°C / 113°F
Country of Origin	India

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The KENT Gold Gravity Water Purifier comes with a **1 Year Manufacturer Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use conditions. Please retain your purchase receipt for warranty claims.

9.2 Customer Support

For any queries, service requests, or to purchase genuine replacement parts, please contact KENT Customer Care:

- **Manufacturer:** KENT RO SYSTEMS LTD
- **Address:** Khasra No. 93, Village- Bantakhedi, Tehsil- Roorkee, District- Haridwar, Uttarakhand- 247668, India
- **Importer:** KENT RO SYSTEM LTD- A-06, PHASE-2, NOIDA, UTTAR PRADESH, INDIA PIN-201305
- Refer to the warranty card or product packaging for specific contact numbers and service center details.