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KENT Excel Plus

KENT Excel Plus Under-the-Counter RO Water Purifier User Manual

Model: Excel Plus

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your KENT Excel Plus Under-the-Counter RO Water Purifier. Please read this manual carefully before using the appliance to ensure safe and efficient operation. Keep this manual for future reference.

The KENT Excel Plus is designed to provide safe and pure drinking water through its advanced multi-stage purification process, including RO, UV, UF, and TDS control. Its under-the-counter design saves space and integrates seamlessly into your kitchen.

2. KEY FEATURES

- Advanced Multi-Stage Purification:** Features RO + UV + UF + TDS Control purification process, ensuring every drop of water is 100% pure and safe. It effectively removes impurities, bacteria, and dissolved chemicals while retaining essential minerals.
- High Purification Capacity:** With a purification capacity of 15 liters per hour, this purifier meets the needs of busy households or offices. It is suitable for areas with a TDS range between 500-2500 ppm.
- Convenient Under-the-Counter Design:** The compact under-the-counter design saves valuable counter space and blends seamlessly into your kitchen setup.
- 7-Liter Hydrostatic Storage Tank:** Ensures a pressurized supply of purified water even in the absence of running water and electricity.
- Durable and Food-Grade Materials:** The water tank is made of food-grade plastic, ensuring your water remains safe and uncontaminated. The purifier is built to last with a 60W power consumption and sturdy construction.
- Computer Controlled Operation:** Equipped with a filter change alarm and UV fail alarm for enhanced safety and convenience.
- WQA, USA Gold Seal Certified:** Certified for quality and performance.

- **Spin-Welded RO Membrane Housing:** Prevents tampering and ensures hygiene.
- **Push-Fit Components:** For leak-proof performance.

3. PRODUCT OVERVIEW

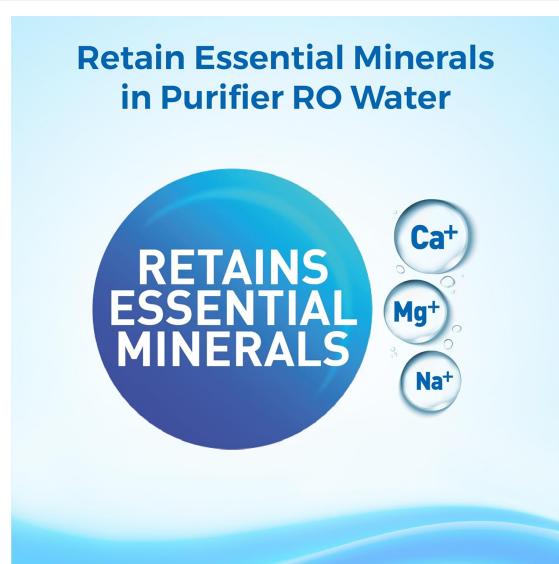


Figure 1: Front view of the KENT Excel Plus Water Purifier, showing the main unit and the storage tank.



Figure 2: Illustration of the KENT Excel Plus installed under a kitchen counter, demonstrating its space-saving design.



Figure 3: Diagram illustrating the multi-stage purification process of the KENT Excel Plus, including Sediment, Activated Carbon, RO, UF, TDS Control, and UV stages.

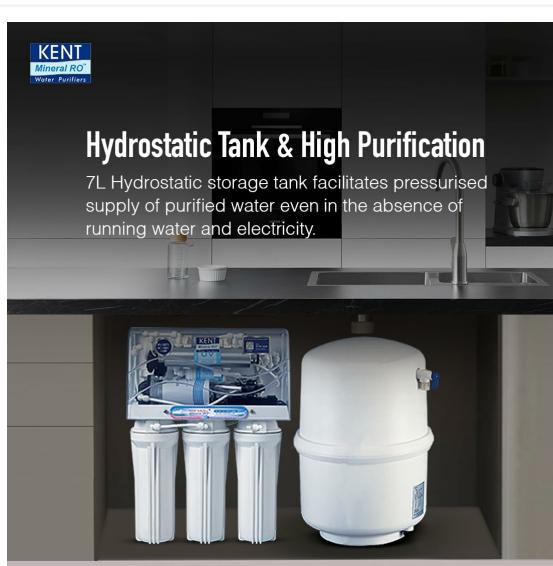


Figure 4: Image highlighting quality certifications for KENT water purifiers, including NSF, ISI, and CE marks.

4. SETUP AND INSTALLATION

KENT provides free installation within the municipal city limit area of 12 kms. For requesting an installation/demo for this product once delivered, please call the manufacturer's customer support directly at 9278912345 and provide the product's model name.

4.1 Pre-Installation Checks

- Ensure the installation area is within the municipal city limit area of 12 kms for free installation service.
- Verify the water source TDS level. This purifier is suitable for TDS levels between 500-2500 ppm. Use a TDS meter to confirm your water source's TDS.
- Ensure adequate space under the counter for the purifier unit and the 7-liter hydrostatic tank. Refer to the dimensions in the specifications section.

- Confirm availability of a power source (electric) and water inlet/drain connections under the sink.

4.2 Installation Process

Professional installation is recommended. Contact KENT customer support for assistance. The installation kit and user manual are included with your purchase.

5. OPERATING INSTRUCTIONS

5.1 Initial Use

1. After installation, allow the storage tank to fill completely. This may take some time.
2. Once the tank is full, dispense and discard the first few liters of purified water. This flushes out any residual impurities from the new filters and tank.
3. The purifier operates automatically. It will start purifying water when the tank level is low and stop when it's full.

5.2 Daily Operation

- Use the dedicated faucet for dispensing purified water.
- The computer-controlled operation includes a filter change alarm and UV fail alarm. Pay attention to these indicators for optimal performance and safety.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and efficient performance of your water purifier.

6.1 Filter Replacement

- The purifier is equipped with a filter change alarm. Replace filters as indicated by the alarm or as recommended by KENT service personnel.
- Filter replacement frequency depends on water quality and usage.

6.2 UV Lamp Replacement

- The UV fail alarm indicates when the UV lamp needs replacement. Contact KENT service for UV lamp replacement.

6.3 Cleaning

- Regularly wipe the exterior of the purifier and the faucet with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- The 7-liter hydrostatic tank should be cleaned periodically by authorized service personnel.

Kindly note: For every litre of water purified, approximately 650 ml of water is discharged as reject water. It is encouraged to save this water in a container and use it for non-potable purposes such as cleaning utensils or washing clothes.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No water dispensing from faucet.	No power, water inlet closed, tank empty, or system malfunction.	Check power supply. Ensure water inlet valve is open. Allow time for tank to fill. If problem persists, contact customer support.
Low water flow.	Clogged filters, low water pressure, or air in the system.	Check filter status (if alarm is on). Ensure adequate input water pressure. Contact customer support for professional inspection.
Unpleasant taste/odor in purified water.	Expired filters, new system (initial flush needed), or contamination.	Replace filters if due. Ensure initial flushing was performed. Contact customer support if taste/odor persists.
Filter change alarm active.	Filters have reached their lifespan.	Contact KENT customer support to schedule filter replacement.
UV fail alarm active.	UV lamp malfunction or expired.	Contact KENT customer support to schedule UV lamp replacement.

8. SPECIFICATIONS

Feature	Detail
Brand	KENT
Model Name	Excel Plus
Purification Technology	RO + UV + UF + TDS Control
Storage Capacity	7 Litres (Hydrostatic Tank)
Purification Capacity	15 Litres/hour
Product Dimensions (L x W x H)	46L x 25W x 59H Centimeters
Item Weight	8.5 Kilograms
Installation Type	Under Sink
Power Source	Electric
Power Consumption	60W
Supported Water TDS Level Maximum	2500 ppm
Upper Temperature Rating	35 Degrees Celsius
Material	Plastic (Food Grade)
Included Components	Water purifier, User manual, Warranty card and Service center details

9. WARRANTY & SUPPORT

Your KENT Excel Plus Water Purifier comes with:

- **1 Year Manufacturer Warranty:** Covers manufacturing defects for one year from the date of purchase.
- **3 Years Free Service:** Enjoy three years of free service charges. This does not include the cost of replacement parts like filters.
- **Free Installation:** KENT provides free installation within the municipal city limit area of 12 kms.

Customer Support

For installation requests, service, or any queries, please contact KENT customer support directly:

Phone: 9278912345

Please provide your product's model name (Excel Plus) when contacting support.