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## KENT Supreme

# KENT Supreme RO Water Purifier

Instruction Manual

## 1. PRODUCT OVERVIEW

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The KENT Supreme RO Water Purifier is designed to provide pure and safe drinking water using advanced purification technologies. It combines Reverse Osmosis (RO), Ultra Filtration (UF), and a UV LED in the storage tank, along with a TDS Control System, to ensure comprehensive water purification.



Figure 1: Front view of the KENT Supreme RO Water Purifier.

This purifier is suitable for various water sources, including municipal tap water, borewell water, and tanker water, effectively removing dissolved impurities such as arsenic, mercury, lead, hardness, dissolved salts, rust, pesticides, and fluorides.



Figure 2: Illustration of the multi-stage purification process.

The integrated TDS Control System allows for adjustment of the Total Dissolved Solids level, ensuring essential natural minerals are retained in the purified water, enhancing both health benefits and taste. The UV LED in the storage tank maintains the purity of stored water for an extended period.

# Retains Essential Minerals

## TDS Control Technology



Figure 3: Purified water retaining essential minerals.

## 2. SAFETY INSTRUCTIONS

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- Read all instructions carefully before operating the appliance.
- Ensure the power supply matches the specifications mentioned on the rating label.
- Do not install the purifier in direct sunlight or near heat sources.
- Keep the appliance away from children and pets.
- Do not attempt to repair or modify the appliance yourself. Contact authorized service personnel.
- Always use genuine KENT spare parts for replacement.

## 3. INSTALLATION AND SETUP

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Professional installation is recommended for the KENT Supreme RO Water Purifier. A complimentary installation service is typically included with your purchase. Please contact KENT customer service to schedule your installation.

### 3.1 Pre-Installation Checks

- **Water Pressure:** Ensure the raw water pressure is within the recommended range (0.3 - 4.0 kg/cm<sup>2</sup>).
- **Water Source:** Confirm a suitable water inlet connection is available.
- **Power Supply:** A standard single-phase 100-240V AC, 50/60 Hz electrical outlet is required.
- **Location:** Choose a wall-mounted location that is clean, dry, and away from direct sunlight or extreme temperatures.

### 3.2 Installation Steps (Performed by Technician)

1. Mount the purifier securely on a wall using the provided mounting template and screws.
2. Connect the raw water inlet to the purifier.
3. Connect the reject water line to a drain.
4. Connect the power adapter and plug it into the electrical outlet.
5. Open the raw water supply to the purifier.
6. Allow the storage tank to fill completely and then drain the first tank of purified water to flush the system. Repeat this process 2-3 times.
7. Adjust the TDS controller to the desired level (if applicable).

## 4. OPERATING INSTRUCTIONS

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### 4.1 Initial Start-up

After professional installation and initial flushing, the purifier is ready for use. The purifier will automatically start purifying water when the water level in the storage tank drops below a certain level and stop when the tank is full.

### 4.2 Dispensing Purified Water

To dispense purified water, simply turn the faucet lever located at the bottom front of the purifier. Close the lever to stop the water flow.

### 4.3 Understanding Indicators

Your KENT Supreme purifier may feature LED indicators for power, purification status, tank full, and filter change alerts. Refer to the specific model's front panel for detailed indicator meanings.

## 5. MAINTENANCE

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Regular maintenance is crucial for the optimal performance and longevity of your KENT Supreme RO Water Purifier. Always unplug the appliance before performing any maintenance.

### 5.1 Filter Replacement

Filters and membranes have a limited lifespan and require periodic replacement. The frequency depends on the quality of raw water and usage. It is recommended to replace filters annually or as indicated by the filter change alarm. Always use genuine KENT spare parts.

### 5.2 Cleaning the Storage Tank

The storage tank should be cleaned periodically, especially during filter replacement. This should be performed by a trained service technician.

### 5.3 External Cleaning

Wipe the exterior of the purifier with a soft, damp cloth. Do not use abrasive cleaners or solvents.



Figure 4: Scan the QR code or visit [kent.co.in/customerapp](https://www.kent.co.in/customerapp) to verify genuine KENT service and spares.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No water dispensing	No power, water inlet closed, tank empty, clogged filters.	Check power, open water inlet, wait for tank to fill, contact service for filter check.
Slow water flow	Clogged filters/membrane, low water pressure.	Contact service for filter/membrane replacement, check raw water pressure.

Problem	Possible Cause	Solution
Unusual taste/odor	Expired filters, new filter installation (initial taste).	Replace filters, flush the system by draining 2-3 tanks of water.
Leakage	Loose fittings, damaged components.	Tighten fittings, contact service for inspection and repair.

If the problem persists after attempting these solutions, please contact KENT customer support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	KENT
Model Name	KENT Supreme
Purification Method	RO + UF + UV LED in Tank
Special Features	Reduce TDS, Automatic Shutoff
Product Dimensions (L x W x H)	40L x 25W x 52.5H Centimeters
Material	Plastic (ABS Body)
Capacity	8 litres
Maximum Flow Rate	20 Liters Per Hour
Operating Pressure Range	0.3 - 4.0 Kilograms Per Square Centimeter
Supported Water TDS Level Maximum	2000 PPM
Power Source Type	Corded Electric (100-240 V AC, 50/60 Hz)
Item Weight	7.6 Kilograms
Installation Type	Wall Mounted
Inclusions	Water purifier, installation kit, user manual, warranty card

## 8. WARRANTY AND SUPPORT

The KENT Supreme RO Water Purifier comes with a 1-year free warranty from the date of purchase. This includes complimentary installation, routine health check calls, and unlimited repair visits for one year. For service requests, genuine spares, or any queries, you can easily access KENT's service network through:

- WhatsApp
- Mobile App
- Toll-Free Number

- Email

Please refer to the warranty card and device manual for detailed disclaimers, terms, and conditions.

## 9. PRODUCT VIDEO

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Your browser does not support the video tag.

Video 1: An overview of the KENT Supreme RO Water Purifier's features and purification process.