Dear Customer,

At the outset, allow us to thank you for your trust in a KENT water purifier. We take pride in our reputation for product quality and industry proven performance. We are certain that your decision to own KENT Supreme Mineral RO™ water purifier will go a long way towards keeping you and your family in good health. We are confident that you will be satisfied with its performance and that it will serve your need for safer and cleaner drinking water without any compromise.

This guide will help you in getting the best out of your water purifier. Please go through this booklet to familiarize yourself with its operation and maintenance.

You can look forward to years of trouble free service. To ensure that the warranty of your water purifier is effective, it is important that you fill up the enclosed warranty card and mail us the installation report within 15 days of purchase. In case you need any further information, contact your nearest KENT dealer/branch.

Best Wishes

KENT RO SYSTEMS LTD.

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KENT TECHNOLOGY - A Breakthrough in Water Purification*

Presenting the KENT Supreme Mineral RO™ Water Purifier; it uses futuristic, state-of-the-art technology to provide purer & healthier drinking water.

The heart of KENT Supreme Mineral RO™ Water Purifier is a Reverse Osmosis membrane having capillaries as small as 0.0001 microns that reduces dissolved impurities (salts and heavy metals) and converts hard water into sweet and more purer drinking water. KENT Supreme Mineral RO™ also allows user to control Total Dissolved Solids (TDS) level of purified water, which helps retain essential natural minerals in water. What's more, there is no water wastage in KENT Supreme Mineral RO™ Water Purifier.

KENT is pleased to introduce Save Water Technology™ that helps you save and store water from KENT RO Purifiers as well as from other RO purifiers. This unique technology helps you recover more than 50% water, thus reducing wastage.

Salient Features of KENT Supreme Mineral RO™
- Double treatment by RO + UV* processes
- RO water recovery >50%**
- In-built TDS Controller that allows adjustment of TDS level of purified water
- Suitable for purification of Brackish/Tap/Municipal Corporation Water
- Well-mounted design: best suited for Indian homes and offices
- 9-9 L Dual storage tank for purified & rejected water respectively
- Fully-automatic operation, with auto-on and auto-off function
- Inbuilt auto-flushing system
- Computer controlled for high water recovery and for enhanced purity and long life
- Filter Change Alarm* to indicate filter replacement time
- UV Fail Alarm to indicate failure of the UV system
- RO Membrane fused inside membrane housing to prevent tampering
- Vertically mounted SMPS for protection from water
- Use of push-fit fittings for leakage and maintenance free performance
- Membrane with high flow
- An eye appealing design

Items in the Box
1. KENT Supreme Mineral RO™ Water Purifier : 01 No.
2. 3-Way Connector : 01 No.
3. S.S. Ball Valve : 02 No.
4. Food Grade Pipe (White) 3/8 inches (2 Nos.) : 2.5 m
5. Food Grade Pipe (White) 3/8 inches (1 No.) : 0.3 m
7. Screws & Plastic Inserts : 02 Nos. each
8. Sticker Center Drill : 01 No.

* Tested & certified by TUV-SUD South Asia (P) Ltd. ** Recovery more than 50% is based on the standard testing conditions.
Reverse Osmosis Process

The Reverse Osmosis process, also known as hyper filtration, is the finest filtration process known till date. The process ensures reduction of particles as small as ions from a solution. Reverse Osmosis uses a semi-permeable membrane to reduce salts from potable/brackish water. In Reverse Osmosis, water pressure applied to the concentrated side forces the process of osmosis into reverse. Under enough pressure, treated water is "squeezed" through the membrane from the concentrated side to the diluted side. Salts dissolved in water as charged ions are repelled by the RO membrane. The rejected impurities on the concentrated side of the membrane are washed away in a stream of rejected water and thus do not get accumulated as in a traditional filter.

UV Process

The UV light has shorter wavelength (higher energy) than the visible light. It is called ultra-violet because it is just beyond violet light in the light spectrum. Technically, the ultra-violet light is defined to be any wavelength of light, which is shorter than 400 nanometer.

UV rays, which penetrate into the micro-organisms, are absorbed by the DNA of the pathogen in the water. The DNA is altered in such a way that the pathogen cannot reproduce itself. Thus, it is essentially killed and cannot cause infection. This process of DNA modification is called inactivation.

Auto-flushing System

The purpose of the Auto-flushing system is to help prevent scaling or fouling of the RO membrane by providing a rapid rinse which washes away impurities from the membrane's surface and keeps the membrane clean. It offers following benefits:

- Lowers rejected water outflow
- Improves "TDS" rejection rate i.e. increases RO membrane efficiency
- Extends life of RO membrane

Warranty Card
(For Sale through Dealer)

Product: KENT SUPREME Mineral RO™

Serial No.:

Customer Details:

Customer’s Name:

Customer’s Address:

Customer’s Ph. No.:

Warranty Details:

Invoice Date: Invoice No.:

Date of Installation: Stamp of Service Provider

For Service Contact:

Service Provider’s Name:

Service Provider’s Address:

Ph. No.:

Marketed by: KENT RO SYSTEMS LTD.
E-6, 7 & 8, Sector-50, Noida, U.P.-201 309, India.
Ph.: +91-120-3075000
E-mail: service@kent.co.in | Website: www.kent.co.in
Customer Care: 092-789-12345
Terms & Conditions of Warranty

KENT warrants all new products manufactured by it to be free from defects in material and workmanship under normal usage and service from the date of purchase as under:

1. The Warranty period commences from the date of installation by the first end-user. During this Warranty period of one year, KENT Purifiers or its Authorised Service Provider (ASP) will replace or repair any part of KENT Purifiers, that in the opinion of KENT Purifiers or its ASP would be defective in operation due to faulty material or workmanship (i.e. manufacturing defects) with the exception of consumables such as Sediment Filter, Carbon Filter and RO/UF Membrane. However, if the RO/UF Membrane gets clogged within first one year and/or if the filters get clogged within first six months, they shall be cleaned / repaired / replaced at no extra charge.

2. The product's plastic body is not covered under Warranty and hence, it must be handled with care to guard against breakage.

3. The original purchaser of the unit can avail services under Warranty at the point of sale, by producing the damaged part(s) along with the original invoice.

4. This Warranty is void if the unit is not operated under normal municipal water or well water conditions or is subjected to the temperature above 40°C.

5. Product returned to KENT Purifiers or its ASP for Warranty examination must be shipped freight prepaid.

6. KENT Purifiers or its ASP shall not be held liable for claims exceeding the cost of repair of the defects in workmanship.

7. This Warranty Agreement shall not be interpreted to render KENT Purifiers or its ASP liable for injuries or damages of any kind-direct, consequential or contingent to persons or property.

8. KENT Purifiers or its ASP shall not be held responsible by representative or buyer for failure to abide by any of the obligations of this Warranty Agreement if such failures are the result of circumstances of Forces Majeures: such as, but not limited to, floods, earthquakes, transportation strikes, labour disputes with outside suppliers or any other conditions beyond the control of KENT Purifiers or its ASP.

9. KENT Purifiers or its ASP shall not be held liable for repair or alterations made without prior written approval for products clogged by suspended matter, precipitates or biological growth; or for failures resulting from the lack of proper maintenance.

10. KENT Purifiers or its ASP cannot and shall not be held liable for any sickness or illness due to the consumption of drinking water from any water purifier supplied by KENT Purifiers, since KENT Purifiers or its ASP does not have any control over the maintenance and usage of water purifier.

11. This Warranty Agreement excludes all products/component parts or damage to any part of this water purifier which, in the opinion of KENT Purifiers or its ASP have been subjected to misuse; misapplication; negligence; alteration; accident or operation contrary to our instructions, incompatibility with accessories not installed by KENT Purifiers or its ASP, or that have been repaired with component parts other than those manufactured by or obtained from KENT Purifiers or its ASP. Damage caused by freezing, flood, fire or Act of God is not covered by this Warranty. In all such cases regular charges will apply. This limited Warranty does not include service to diagnose a claimed malfunction in this unit.

12. KENT Purifiers reserves the right to alter or improve design and specifications at any time, without any contingent obligations to prospective buyers or owners of the products previously sold.

13. Any disagreements and obligations based upon the purchase of KENT Purifiers products and thereby imposed on KENT Purifiers or its ASP shall be governed by and construed according to the laws of INDIA and subject to the jurisdiction of Delhi Courts only.

14. KENT Purifiers or its ASP assumes no Warranty liability in connection with this water purifier other than that specified herein. This Warranty is in lieu of all other warranties, expressed or implied, including warranties of fitness for a particular purpose. KENT Purifiers or its ASP does not authorize any person or represent tive to assume for them any other obligations on the sale of this water purifier.

15. Under no circumstances, the liability of KENT Purifiers or its ASP shall exceed the value of the product.

16. Under no circumstances are the terms mentioned above negotiable and no employee of KENT Purifiers or its ASP has the authority to supersede them.
Installation Report

Product: KENT SUPREME MINERAL RO™
UV Fail Alarm*

*KENT Supreme Mineral RO** has an in-built feature that sounds an audible alarm if the UV lamp malfunctions. This feature is provided to ensure purity. This UV Fail Alarm will sound as follows:

Two short beeps after every two seconds.

In case such an alarm is audible, kindly switch off the purifier and call the service technician for help. The purifier will stop its purification process in such a circumstance.

Filter Change Alarm*

*KENT Supreme Mineral RO** has an in-built feature that sounds an audible alarm to indicate replacement time for filters. This alarm will be audible after 700 hrs of use since the last filter change (or since the time of installation). The Filter Change Alarm will sound as follows:

4 short beeps after every two seconds, for 30 seconds. The alarm will repeat after every 2 hours of use.

In case such an alarm is audible, please call the service technician and request him to change the filters of the purifier. However, if the filters are not changed within the next 60 hours of operation, the purifier will stop functioning to ensure purity and hygiene. The following alarm will be audible after 600 hrs. A continuous beep for an infinite time.

In case such an alarm is audible, kindly switch off the purifier and call the service technician to replace the filters. In such a circumstance, the purifier will not function unless the filters are changed.

Computer Controlled Operation*

To ensure delivery of purer and healthier water, a micro-processor is installed in the purifier that performs the following functions:

- **UV Stabilization Delay:** To ensure that the UV lamp is pre-heated and is working at its optimum level before it starts disinfecting water, the controller provides a two seconds delay to UV lamp when the purifier is switched on. During this period, the UV lamp is switched on and other electrical devices of the purifier are switched off.
- **Purification Delay:** To ensure that the idle water lying in the internal pipes and in the UV chamber is disinfected before being passed into the storage tank, the system provides a 5 second delay when the purifier is switched on. During this time, the UV lamp kills all micro-organisms that may be in the water inside UV chamber. After this delay, all other electrical devices such as booster pump and solenoid valve are switched on to start normal purification process.
- **Audible Alarm:** The controller also controls the timing of UV Fail Alarm and the Filter Change Alarm.

Automatic Operation

- The purifier automatically shuts off when the storage tanks are full.
- The purifier automaticallyflushes & cleans the RO membrane on periodic intervals.
- The purifier does not start if the inlet water supply pressure is below 0.3 kg/cm².

* Tested & certified by TUV-SUD South Asia (P) Ltd.

Installation Instructions

The *KENT Supreme Mineral RO** Water Purifier is a product of advanced technology, which ensures safe and clean drinking water. The purifier is easy and convenient to install.

**Recommended Site Preparations**

- Single Phase 220 ± 10 VAC, 50 Hz connection not more than 3 m away from the point of installation of purifier
- Raw water supply with ½ inch nipple not more than 3 m away
- Drain for rejected water not more than 3 m away
- Space as per dimensions of the purifier
- Wall plane surface for mounting two screws and holding the machine

**Specific Instructions**

- *KENT Supreme Mineral RO** is a wall mountable purifier. Make sure that it is only mounted on a wall.
- Avoid installation on wooden and metallic stands.
- For optimum performance and minimum inlet pressure required, ensure that the raw water supply tank is at least 10 ft above the level at which the purifier is installed.
- It is preferable to install the purifier near a sink so that inlet and reject water lines are easily available.
- The system and installation needs to comply with state and local laws & regulations.

**Installation Procedure**

1. **Step-1**
   - Fig. 1: Paste the central drill sticker on wall at (3.6 Feet to 4.0 Feet from the ground) as per your convenience.
   - Fig. 2: Ensure that sticker is pasted straight on the wall, then drill holes as per the space provided on sticker.
   - Fig. 3: Now, insert the puff up with the help of a hammer.
   - Fig. 4: Screw in two 10X50 self-tapping screws, 7.6 inches (192 mm) apart horizontally.

2. **Step-2**
   - Connect the 3-way connector to the raw water supply (marked as no. 1) as shown in the figure 3. The 3-way connector is fitted in line with the raw water supply.
   - Connect the 3-way connector to the reject water supply (marked as no. 2) as shown in figure 4.
   - Pour water through the purifier for 15 minutes to clear the tank from any foreign matter.
Step-3
1. Now connect one end of the white pipe to SS ball valve and another end to the upper push-fit elbow fitting to the left hand side of the purifier labelled as WATER IN, as shown in fig 1.
2. Similarly, connect one end of the white pipe to the lower elbow fitting connector in tank labelled as REJECT WATER and leave the other end in the drain, as shown in fig 2.

Step-4
Before connecting the power supply, it is important that you perform the following functions:
1. Open the SS ball valve (Handle parallel to the ball valve) to start the flow of water into the purifier, as shown in the figure.
2. Wait for 2-3 minutes to ensure that the filters are soaked in water.

Step-5
Connect the power supply.

Installation is complete.

Recommended Uses of Rejected Water
Although the rejected water has high concentration of salts. This wasted water usually goes down the drain but if required, can be used for cleaning utensils and mopping the floor.

How to Use Stored Rejected Water
Open the SS ball valve mounted at the bottom side of the rejected water tank (Handle parallel to the ball valve) to start the flow of water whenever you require.

NOTE:- Do not obstacle the over flow pipe of rejected water mounted at top left side of water storage tank.

TDS Adjustment*
A unique feature in KENT Supreme Mineral RO™ water purifier is the TDS control valve, which is not available in any other domestic water purifier till date. This feature allows the user to control the content of natural minerals (TDS) in purified water.
To increase the TDS level the user can turn the screw of the valve anticlockwise; it will result in more mineral content in treated water. To reduce the TDS level, user can turn the screw valve clockwise; it will result in less mineral content in treated water. We recommend the TDS of the purifier to be kept at lowest but not below 50 mg/l.

Starting-up the Purifier
- Switch on the power supply
- Wait till the storage tank fully fills up**
- Switch off the power supply
- Drain the storage tank by opening the drain plug & opening the SS ball valve at bottom of storage tank and switch on the power supply
- The purifier is ready to use

* Tested & certified by TUV-SUD South Asia (P) Ltd.
** Tested or certified flushing time - 24hrs.

Maintenance
To ensure that the purifier operates at its optimum level, a routine maintenance must be performed. The frequency of the maintenance will greatly depend upon the raw water quality and consumption of treated water.
- Storage tank must be drained once in 2 weeks. To do so, switch off the power supply, open the drain plug at the bottom of the tank & allow the water to drain. Then screw back the plug and switch on the power supply
- Replace sediment, activated carbon & post carbon when the filter change alarm is audible OR after every 12 months. It is recommended to change the FRT when the filters are replaced
- Replace the RO membrane once in a year
- Replace the UV Lamp once in a Year
- If you are not going to use the purifier for a long time (in case you are on a holiday, tour or out of home), make sure that you disconnect the power supply, turn off the raw water supply and drain the storage tank

The reverse osmosis system contains a replaceable treatment component critical for the effective reduction of total dissolved solids and that product water shall be tested periodically to verify that the system is performing properly.

Replacement of spare parts are as under:-

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20010</td>
<td>SP Inline Sediment Filter 8&quot;</td>
</tr>
<tr>
<td>-20009</td>
<td>SP Inline Carbon Filter 8&quot;</td>
</tr>
<tr>
<td>-20529</td>
<td>SP RO Membrane</td>
</tr>
<tr>
<td>-20015</td>
<td>SP Post Carbon Filter (Blue)</td>
</tr>
<tr>
<td>-20033</td>
<td>SP Hollow Fibre Membrane (RO)</td>
</tr>
<tr>
<td>-20020</td>
<td>SP FRT 300</td>
</tr>
</tbody>
</table>

Note: Filters and membrane are consumables. Their replacement time is dependent on the quality of raw water and water consumption. They are not covered under the warranty. However, if a filter chokes within six months and a membrane within a year, it will be cleaned/repairs/replace free of cost. Changing the filters and system inspection is available on call. The treatment capacity of RO membrane will reduce with time due to clogging of pores of membranes.

“this reverse osmosis system contains a replaceable component critical to the efficiency of the system. Replacement of the reverse osmosis component should be with one of identical specifications as defined by the manufacturer, to ensure the same efficiency and contaminant reduction performance.”

For best results must use only KENT's Genuine Pre-filter

Recommendation for optional Pre-filter installation:

<table>
<thead>
<tr>
<th>X No</th>
<th>Y Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>If water comes from municipal supply or from an overhead tank.</td>
<td>If water comes from bore-well or it contains heavy sediment particles.</td>
</tr>
</tbody>
</table>

For best results must use only KENT's Genuine Pre-filter
**Technical Specifications**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>KENT SUPREME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>11006</td>
</tr>
<tr>
<td>Product</td>
<td>Water Purifier - RO with UV Disinfection</td>
</tr>
<tr>
<td>Purification Production Rate</td>
<td>Upto 20 L/hr or 0.33 L/min*</td>
</tr>
<tr>
<td>Body Material</td>
<td>ABS Food Grade Plastic</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall-mounting</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>430 (L) x 270 (W) x 630 (H)</td>
</tr>
<tr>
<td>Inlet Water Pressure/Temp (Min)</td>
<td>0.3 kg / cm² or 4.267psi / 10°C or 50°F</td>
</tr>
<tr>
<td>Inlet Water Pressure/Temp (Max)</td>
<td>3 kg / cm² or 42.67psi / 40°C or 104°F</td>
</tr>
<tr>
<td>Min./Max. Working Pressure</td>
<td>20/150psi</td>
</tr>
<tr>
<td>Min./Max. Operating pH</td>
<td>2-11</td>
</tr>
<tr>
<td>Filter Cartridge</td>
<td>Sediment, Carbon Block Filter, UF and Post Carbon</td>
</tr>
<tr>
<td>Auto-Flushing System</td>
<td>Yes</td>
</tr>
<tr>
<td>UV Lamp Wattage</td>
<td>11 W</td>
</tr>
<tr>
<td>Life of UV Lamp</td>
<td>1 Year</td>
</tr>
<tr>
<td>Weight</td>
<td>10900 kg</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>9+9 L</td>
</tr>
<tr>
<td>Maximum Duty Cycle</td>
<td>100 L/day</td>
</tr>
<tr>
<td>Membrane Type</td>
<td>Thin Film Composite RO</td>
</tr>
<tr>
<td>Booster Pump Voltage</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Total Power Consumption</td>
<td>60 W</td>
</tr>
<tr>
<td>Input Power Supply</td>
<td>Single Phase 220 ± 10 V AC, 50 Hz</td>
</tr>
</tbody>
</table>

* Treatment capacity tested for tap water having TDS level of 750 ppm at room temperature

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**Performance Data Sheet-KENT Supreme Mineral RO™ Water Purifier**

This system has been tested according to NSF/ANSI 58 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Influent challenge concentration mg/L</th>
<th>Maximum permissible product water concentration mg/L</th>
<th>Minimum % reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Dissolved Solids</td>
<td>750 ± 40 mg/L</td>
<td>187</td>
<td>86.8%</td>
</tr>
<tr>
<td>Arsenic (+5)</td>
<td>0.30 ± 10%</td>
<td>0.010</td>
<td>98.7</td>
</tr>
<tr>
<td>Barium</td>
<td>10.0 ± 10%</td>
<td>2.0</td>
<td>97.7</td>
</tr>
<tr>
<td>Fluoride</td>
<td>8.0 ± 10%</td>
<td>1.5</td>
<td>96.3</td>
</tr>
<tr>
<td>Lead</td>
<td>0.15 ± 10%</td>
<td>0.010</td>
<td>99.3</td>
</tr>
<tr>
<td>Nitrate/Nitrite</td>
<td>30 ± 10%</td>
<td>10</td>
<td>68.5</td>
</tr>
</tbody>
</table>

Arsenic, Barium, Fluoride, Lead, Nitrate/Nitrite contents as tested & certified by WQA as per standards NSF/ANSI 58.

*Do not use with water that is microbiologically unsafe or of unknown quality w/o adequate disinfection before or after the system.

Efficiency rating means the percentage of the influent water that is available to the user as reverse osmosis treated water under operating condition that approximate typical daily usage.

The system conform to NSF/ANSI 58 for the specific performance claims as verified and substantiated by test data. While testing was performed under standard laboratory conditions, actual performance may vary.

The influent water to the system shall include no organic solvents, Chlorine <2 mg/L, pH 7-8, Iron <2mg/L, Turbidity <1 NTU and hardness <1000mg/L.

*This system is acceptable for treatment of influent concentrations of no more than 27 mg/L Nitrate and 3 mg/L Nitrite (in combination measured as N), and is certified for nitrate/nitrite reduction only for water supplies with pressure of 140 kpa (20 psi) or greater.*

This system has been tested for the treatment of water containing pentavalent arsenic (also known as As(V), As (+5), or arsenate) at concentrations of 0.30 mg/L, or less. This system reduces pentavalent arsenic but may not remove other forms of arsenic. This system is to be used on water supplies containing detectable free chlorine residual or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramines (combined chlorine) is not sufficient to ensure complete conversion of total arsenic to pentavalent arsenic. Please see the Arsenic Facts section of the performance data sheet for further information.

**Arsenic Facts**

Arsenic (As) is a naturally occurring contaminant found in many ground waters. It generally occurs in two forms (valences or oxidation states): pentavalent arsenic (also known as As(V), As (+5), or arsenate) and trivalent arsenic (also known as As(III), As(+3), or arsenite). In natural ground water, arsenic may exist as trivalent arsenic, pentavalent arsenic, or a combination of both. Although both forms of arsenic are potentially harmful to human health, trivalent arsenic is considered more harmful than pentavalent arsenic. More information about arsenic and its toxicity can be found on the U.S. Environmental Protection Agency website at http://www.epa.gov/safewater/arsenic.html.

This system is designed to remove only pentavalent arsenic. This treatment system does not provide a feature for conversion of trivalent arsenic to pentavalent arsenic. The system may remove some trivalent arsenic, however, it has not been evaluated for its ability to remove trivalent arsenic.

Trivalent arsenic is generally more difficult to remove from drinking water than pentavalent arsenic. Trivalent arsenic can be converted to pentavalent arsenic in the presence of an effective oxidant such as free chlorine. The arsenic in water containing detectable free chlorine or that has been treated with another effective oxidant will be in the pentavalent arsenic form. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic.

Consumers using public water supplies can contact their utility to verify whether free chlorine treatment chemicals are being used. Private water supplies and wells that do not have detectable free chlorine residuals should be analyzed to determine the form(s) of arsenic present and the potential need for oxidation of trivalent arsenic to pentavalent arsenic.

Arsenic does not generally impart color, taste, or smell to water, therefore, it can only be detected by a chemical analytical test. Public water supplies are required to monitor treated water for total arsenic (trivalent arsenic plus pentavalent arsenic) and the results are made public to the public by the utility. Consumers using private water sources will need to make arrangements for testing. A total arsenic test usually costs about $15-$30 and it is recommended the test be conducted by a certified laboratory. Local health departments or environmental protection agencies can help provide consumers with a list of certified laboratories. Some laboratories may also be able to analyze specifically for (speciate) the form(s) of arsenic present in a water sample if requested.

This treatment system was tested under laboratory conditions as defined in NSF/ANSI 58 Drinking Water Treatment Units – Health Effects and was found to reduce 0.30 mg/L of pentavalent arsenic in the test water to less than 0.010 mg/L under standard testing conditions. Actual performance of the system may vary depending on specific water quality conditions at the consumer’s installation. Following installation of this system, the consumer should have the treated water tested for total arsenic to verify arsenic reduction is being achieved and the system is functioning properly.

The arsenic removal component of this system must be replaced at the end of its useful life of 1-2 years. The replacement component, 2010 SP Inline Sediment Filter B", 2000 SP Inline Carbon Filter B", 20529 SP RO Membrane, 20115 SP Post Carbon Filter (Blue), 20003 SP Hollow Fibre Membrane (RO) and 20020 SP FRT 300 can be purchased directly from the manufacturer KENT RO Systems Ltd.