

KENT
IN-LINE *Gold*

KENT

UF Membrane

Water Purifiers

HOUSE of PURITY

Instruction Hand Book for Installation, Operation and Maintenance.



Water Purified by UF Membrane

Does not use electricity or any Chemicals like Chlorine or Bromine etc.

Best suitable for low TDS/Tap/Municipal/Water Supply

Welcome to KENT

Dear Customer,

Welcome to the world of **KENT**, leaders of water purification industry in India. With a **KENT** product you have all reasons to smile, since at **KENT** we take pride in the quality and laboratory-tested performance of our products.

We are confident that your decision to own **KENT Inline Gold**, the Online UF Storage Water Purifier will go a long way in serving you with safe and clean drinking water - thus keeping you and your family in good health. We assure you, that you will be satisfied with its trouble-free performance and quality which comes without any compromise.

This manual is an effort towards familiarizing you with the operation and maintenance of **KENT Inline Gold**. Before operating the unit, please read it thoroughly and retain it for future reference. To ensure that the warranty of your water purifier is effective, fill up the enclosed warranty card and send the installation report within 15 days of purchase. Should you need further assistance, do not hesitate to contact your nearest **KENT** dealer or branch.

Best Wishes

KENT RO SYSTEMS LTD.

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Introduction

Presenting the all-new **KENT Inline Gold** - a non-electric, Online UF Storage Water Purifier, designed to provide you and your family with safe and tasty drinking water. With innovative **KENT Inline Gold**, dependence on electricity and usage of chemicals to obtain pure drinking water are now problems of past.

At the heart of **KENT Inline Gold** is a state-of-the-art Hollow Fiber UF (Ultra Filtration) Membrane with 0.01 micron capillary size. The pores of this membrane are so small that they do not allow bacteria, virus or cyst to pass through. This makes the drinking water healthy without use of any chemicals. The carbon block pre-filter removes bad taste and odour too, so that the water you drink is healthy, safe and tasty.

Salient Features of KENT Inline Gold

- Wall mounted design - best suited for domestic purpose.
- Purification by Hollow Fiber UF membrane - filters out bacteria, virus and even cysts.
- Works on the principle of **Online Purification**, needs no electricity.
- 7 L storage tank, provides water on demand.
- Fully automatic operation with Auto-On and Auto-Off facility.
- Tamper-proof UF Membrane fused inside membrane housing.
- Push-fit components for leak-proof & maintenance-free performance.
- ABS construction for corrosion-free life span.
- Ideal for tap/municipal water supply (preferably low TDS water)

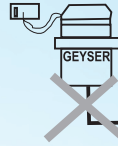
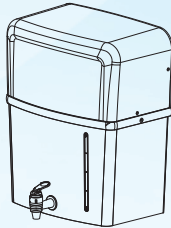
Items in the Box

1. KENT Inline Gold	:	01 No.
2. 3-Way Connector	:	01 No.
3. S.S. Ball Valve	:	01 No.
4. Pipe	:	2.5 m
5. Screws & Plastic Inserts	:	02 Nos. each
6. Instruction Manual	:	01 No.

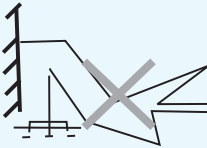
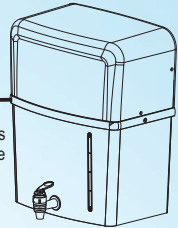
Important Instructions



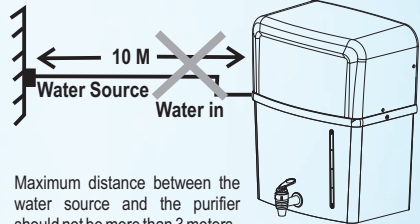
Avoid exposure to direct sunlight and installation in damp areas.



Make sure that the purifier is connected to normal temperature water supply only.



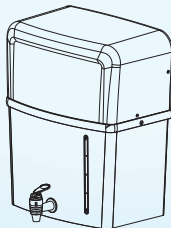
Avoid sharp bends in pipe fittings.



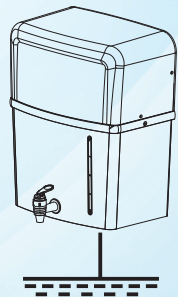
Maximum distance between the water source and the purifier should not be more than 3 meters.



In case the purifier is not to be used for more than two days, turn off the feed water and drain the storage tank.



To keep the storage tank clean, it should be drained once in a week.



KENT



Use Genuine Kent spare parts for optimum performance



Do not try to service the purifier on your own. Instead, call the service technician for help.

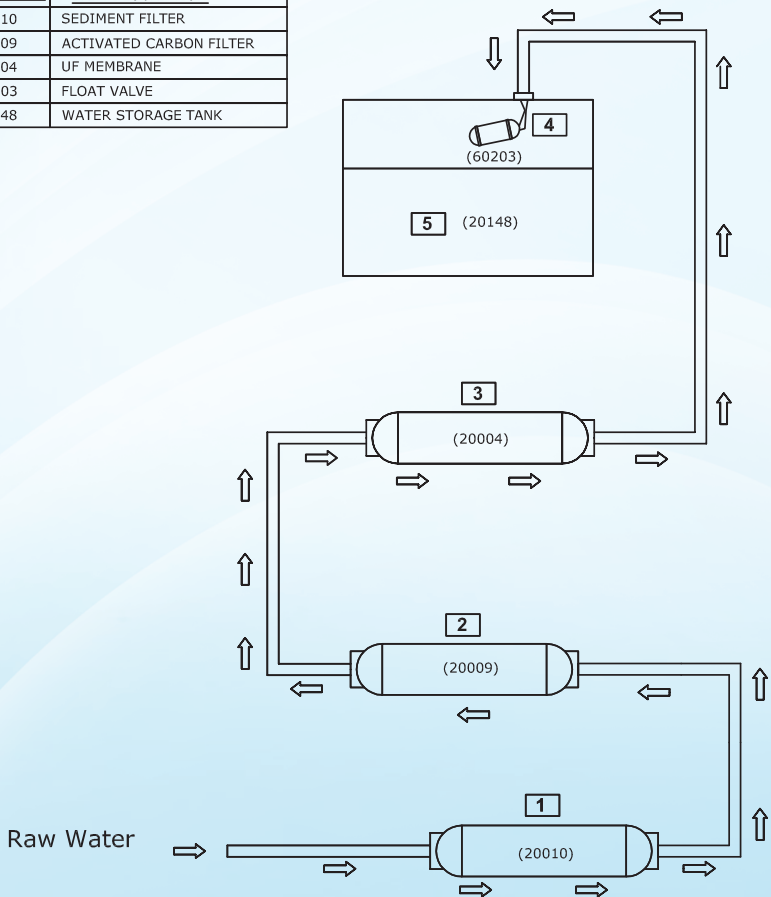


UF Purification Process

Raw water is first passed through Sediment Filter which removes the physical impurities from it. This water is then passed through an Carbon Block Filter which removes chlorine, odour and turbidity from the water. Water then passes through the UF membrane with pore size of 0.01 micron which removes colloidal materials and organic/inorganic polymeric molecules including bacteria and viruses from drinking water.

Water Flow Diagram

S.NO.	SPARE PART CODE	ITEM DESCRIPTION
1	20010	SEDIMENT FILTER
2	20009	ACTIVATED CARBON FILTER
3	20004	UF MEMBRANE
4	60203	FLOAT VALVE
5	20148	WATER STORAGE TANK



Warranty Card

(For Sale through Dealer)



Product : **KENT Inline Gold**

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.

A-2, Sector-59, Noida, U.P.-201 309, India

Ph.: +91-120-3075075

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 representative 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.

Affix
Stamp
here

To,

KENT RO SYSTEMS LTD.

A-2, Sector-59, Noida, U.P. - 201 309, India

Ph.: +91-120-3075075

E-mail: sales@kent.co.in Website: www.kent.co.in

Installation Report

Product : **KENT Inline Gold**

Invoice No. _____

Invoice Date _____

Serial No.

Installation Date _____

Customer's Name _____

Service Provider _____

Customer's Address _____

Service Provider's Address _____

Customer's Ph. _____

Service Provider's Ph. _____

TDS of Purified Water _____

TDS of Raw Water _____

Customer's Signature _____

Service Provider's Stamp _____

By signing on this installation report, the customer hereby agrees to the terms & conditions of warranty mentioned on the back side of the warranty card.

Installation Instructions

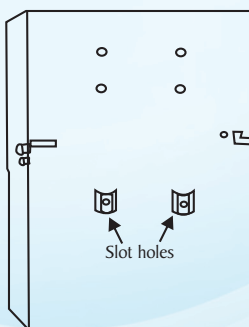
KENT Inline Gold is a convenient and easy-to-install wall mounting model.

Recommended Site Preparations:

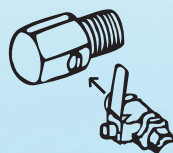
- Raw water supply with ½" nipple not more than 3m away.
- Installation space as per the dimensions of the purifier.
- Wall/plane surface for mounting screws and holding the machine. Avoid installation on wooden and metallic stands.
- For optimum inlet pressure, source water tank should be at least 10 ft above the purifier installed.
- Install the purifier near a sink for easy availability of inlet water line.

Installation Procedure

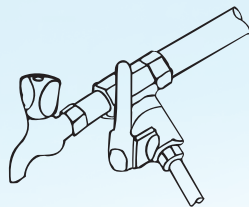
1. Screw in two 10x50 self tapping screws, 5.4 inches (138 mm) apart horizontally.
2. Wall-mount the purifier with the help of slot holes given on the back side.



3. Fasten the SS ball valve to ¼ inch port of 3-way connector.

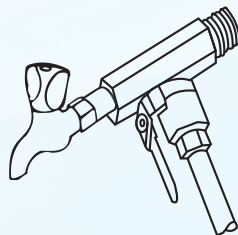


4. Attach the threaded end of 3-way connector to raw water supply and plug off the other end or connect to a tap.



5. Now connect one end of pipe to SS ball valve and other end to elbow fitting connector labeled as **WATER IN**, on the left side of purifier.

6. Turn on the lever given on SS ball valve to initiate the water flow to purifier.



7. Allow the filters to pre-soak in water for 2-3 minutes.
8. Installation is complete.

Starting up the Purifier

- Turn the lever given on SS ball valve to initiate the water flow to purifier.
- Allow the storage tank to fill to the maximum level.
- Turn off the lever given on SS ball valve to stop the water flow to purifier.
- Open the drain plug present at bottom of the storage tank and drain the tank completely. This would remove the residual dust particles present in different pipes and storage tank.
- Plug the drain plug back.
- Turn on the lever given on SS ball valve.
- Purifier is ready for use.

Maintenance

To ensure that the purifier operates at its BEST, a routine maintenance must be performed. The frequency of maintenance will greatly depend upon the raw water quality and consumption of purified water.

- Storage tank must be cleaned once in a week
- In the event of not using purifier for more than two days (while going on a holiday, tour etc.), turn off the raw water supply and drain the storage tank
- Replace sediment filter and carbon block filter once in a year or earlier if they get blocked
- Replace UF membrane once in a year or earlier if they get blocked



Note: The replacement time of consumables such as sediment/carbon filters and UF Membrane is dependent on the quality of raw water and water consumed.

Technical Specifications

MODEL	KENT In-Line Gold
Model Number	11041
Applications	Suitable for purifying low TDS water (Does not remove dissolved salts)
Body Material	ABS Engineering Plastic
Installation	Wall Mounting
Dimensions (mm)	375 (L) x 280 (W) x 410 (H)
Weight	3.330 kg
Purified Water Tank Capacity	7 L
Inlet Water Pressure(min)	0.3 kg/cm ²
Filter Cartridge	Sediment, Carbon Block, UF Membrane
UF Membrane Pore Size	0.01 Micron

Recommended Frequency for Filter/Membrane Change

For optimum performance we recommend the following frequency for cartridge replacement:

Sediment/Carbon Block → Once every year or earlier if gets clogged

UF Membrane → Once in a year or earlier if it gets clogged





HOUSE of PURITY



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Marketed by:
KENT RO SYSTEMS LTD.
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Ph.: +91-120-3075075
E-mail: sales@kent.co.in Website: www.kent.co.in

Manufactured by:
KENT RO SYSTEMS LTD.
Khasra No. 93, Village-Bantakhedi, Tehsil-Roorkee,
District-Haridwar, Uttarakhand-247 668, India.

For customer complaints, contact customer care officer at:
A-2, Sector -59, Noida, UP - 201 309, India. Call: 092-789-12345
E-mail: service@kent.co.in or Visit us at www.kent.co.in