

PAANI KA DOCTOR

Aquaguard®

Shuddh se zyaada,
Sehat ka waada.



INVISIPURE

RO+

USER MANUAL

WITH ADVANCED

MINERAL  **GUARD**

TECHNOLOGY

Retains essential natural minerals in water that other RO purifiers deplete

Why is Aquaguard Paani ka Doctor?

Only Aquaguard Paani ka Doctor:

- Has trust of over 100 lakh mothers
- Is owned by over 1.62 lakh doctors
- Has service within 5km range of wherever you are
- Has over 17 different technologies to address 17 different water conditions across the country
- Is certified by over 130 leading national and international laboratories
- Is sold in over 35 countries worldwide
- Is endorsed by Indian Medical Academy

Shuddh se zyaada, Sehat ka waada

Drinking water is essential for health. And that is precisely why it is crucial to ensure that the water you're drink is healthy. Not just pure, or safe. Healthy water is water that has all the minerals it naturally contains intact in it. Minerals like Calcium, Sodium, Potassium, Magnesium, Iron, Zinc and others are essential for healthy growth. Other water purifiers remove these nutrients while purifying water, robbing it of its various health benefits. Only Aquaguard with its advanced Mineralguard technology retains these nutrients, delivering the healthiest water on earth. Its Mineral Cartridge replenishes the water with necessary minerals. In addition to this, Aquaguard:-

- Removes all disease-causing bacteria, cysts and virus from your water
- Removes all dirt and other dissolved impurities
- Removes all new age contaminants like lead and pesticides

So the water you drink is not just the shuddh but also the healthiest on earth

Enjoy healthy water and pure space in your kitchen

Thank you for welcoming Aquaguard Paani ka Doctor into your home. While other water purifiers deplete essential minerals naturally present on water. Aquaguard Invisipure RO has Mineral Guard technology that retains these vital minerals and gives you water that's not just shuddh but healthy too, Its advanced RO technology removes disease causing bacteria, virus, protozoa-cysts, harmful heavy metals pesticides and chemicals.

You can place the unit as per your convenience , making it invisible and keeping your kitchen beautiful and spotless. Equipped with a tank that has a high storage capacity. Aquaguard Invisipure RO gives you the right TDS balance and assures you water that is more than shuddh, but healthy too.

Here's how your Invisipure RO works

The multi-stage Purification Process in your Aquaguard Invisipure RO

Stage	Treatment	Material	Benefits
1.	i-filter	Multi-layered Polypropylene roving wounded cartridge.	Removes fine suspended particles cartridge such as dust, dirt, mud and sand from water.
2.	Chemi-Block	Bacteriostatic activated carbon block	Reduces excess chlorine and organic impurities. Also absorbs bad taste and odour from the water.
3.	Reverse Osmosis Cartridge	Thin Film Composite Reverse Osmosis Membrane	Reduces TDS, hardness, pesticides and heavy metals like arsenic, lead and mercury. Eliminates microorganisms like bacteria, virus, protozoa and cysts.
5.	Taste Enhance Cartridge	Bacteriostatic Taste Enhancer	Removes residual organic impurities and enhances the original taste of water. The carbon polishes the water, giving it a sparkling look, making it pure and great to taste.

NOTE: For detailed water flow diagram of Invisipure RO, please visit www.eurekaforbes.com

Installing your Aquaguard Invisipure RO

Preparation:

Before you install, check the following list of components to ensure that all parts are packed with your Aquaguard Invisipure unit.

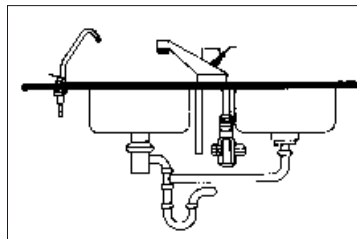
- 1) Storage Tank
- 2) RO System
- 3) Faucet and Faucet mounting bracket
- 4) Installation Kit

After this:

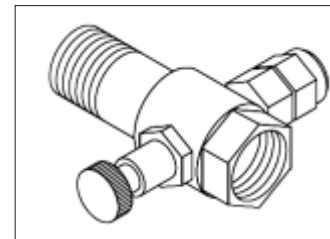
- Determine the location for the faucet. Check to see that drilling the faucet hole will not damage pipes or wires running underneath the sink
- You can also use faucet mounting bracket to install the faucet.
- Determine the location for the storage tank. A maximum distance from the tank to the faucet is 5 feet. The system will produce faster flow at the faucet with the shortest tubing run from tank to faucet
- Do not place the unit where it will be exposed to freezing and/or direct sunlight. Mount the unit on the side of the cabinet using the bracket (attached to the unit) and two screws (provided in the kit)

Installation of Water Supply Connector

Make sure that you hook up to the normal water tap. Determine the location for the installation of the RO system. Avoid locations where the system might come in contact with hot water pipes or direct sunlight.



- 1) The water supply connector comes with the Aquaguard Invisipure RO unit in the installation kit.



- 2) Disconnect the water supply line from the normal water tap, attach and tighten water supply connector assembly.

Mounting the Product Water Faucet

Your Aquaguard Invisipure RO unit comes complete with a long reach faucet. The product water faucet may be installed on any flat surface at least 2 inches in diameter. Check the inside of the location for interference.

Mounting of the Purification Assembly

MOUNTING THE PURIFICATION ASSEMBLY

- 1) Mark screw location at the desired positions with the use of provided label of marker guides.
- 2) Screw wood/plastic screws supplied with the unit into marked positions. Leave screw head out a little.
- 3) Adjust the plant cover on the screw with hole on the cover, then mount the RO plant assembly onto screws.

Maintaining your Aquaguard Invisipure RO

- 1) With everything connected, turn on the water to check for any leakage.
- 2) Make sure the storage tank shut-off valve is OFF. Open the sink top faucet.
- 3) Within a few minutes (up to 5 minutes) the water will start to run from the faucet slowly.
- 4) Let the water run for at least 5 minutes. This flushes the carbon filters on first time use.
- 5) After the initial flushing, open the shut-off valve of the tank and close the sink top faucet.
- 6) Tank will not get filled (usually 1 hours). After the tank has filled, open the sink top faucet and drain all the water until the storage tank is empty and there is only a small flow from the sink top faucet. **DO NOT USE FIRST TANK WATER.**
- 7) Close the sink top faucet. The system is now ready for use.

Consumable cartridges	Average service life
i-filter	6,000 litres
Chemi-block	6,000 litres
RO Membrane	6,000 litres
Post Carton/Taste Enhancer	6,000 litres

Technical Specifications

S.No	Parameters	Specifications
1	Dimensions (WxDxH)	290mm x 185mm x 410mm basic unit + 200mm diameter and 275mm ht. for the tank.
2	Net Weight	8.4 kg approx.
3	Operating Voltage	190 to 230 V AC
4	Power Supply	24V DC – 2.5 amps
5	Power Rating	35 watts
6	Purifying Technology	Reverse Osmosis
7	Allowable TDS of Input Water	500 to 2,000 mg/litre
8	Permissible Iron Content of Input Water	0.3 mg/litre (max)
9	Input Water Pressure	Min 0.6 kg/cm ² – 2.0 kg/cm ² Max.

Recommended Input Water Quality

S. No.	Parameters	Specifications
1.	Water Temperature	10°C – 40°C
2.	Iron Content	0.3 mg/ltr (max.)
3.	Chlorine Content	0.2 mg/ltr (max.)
4.	Turbidity	15 NTU (max.)
5.	Hardness	600 mg/ltr (max.)

Note: The performance data presented in the table is applicable under standard laboratory conditions. Actual performance may vary depending on the input water quality, water pressure and condition of filters.

* Technical Specifications are subject to change without prior notice.

** If the pressure is higher than the maximum specified, use of the pressure reducing valve is recommended. The above accessory is available with our company at an additional cost.

*** Input water quality/pressure and TDS content are important determinants of recovery rate and TDS rejection.

Sanitising Instructions

- 1) Make a mild chlorine liquid by dissolving 1 or 2 chlorine tablets in 1ltr. water.
- 2) Turn off RO system, drain tank and remove membrane element and all the filters.
- 3) Membrane element must remain wet. Put membrane element in a plastic bag.
- 4) Fill empty pre-filter housing with sanitising solution and turn on raw water. After the tank is full, let the system stand idle for approximately 10 minutes.
- 5) Turn off water.
- 6) Drain storage tank via the RO Faucet.
- 7) Re-install new cartridge and membrane element.
- 8) Replace taste enhance cartridge.
- 9) Flush carbon fines and bleach from lines after the system has started purifying water again.
- 10) Flush out the water stored in the tank completely through faucet.

Automatic control system with high pressure

When the storage tank has reached capacity, the automatic shut-off valve stops the flow of water entering the system thereby conserving water. As the water is drained from the storage tank, the flow is allowed to resume through the system. The cycling procedure works automatically by the water pressure difference. Stores up to 12-14 litres of purified water. Produces enough purified water.

Troubleshooting Guide for Your Aquaguard Invisipure RO Model

No.	Symptom	Probable Cause	Solution
1	No water production, low production	<ol style="list-style-type: none"> 1. Tank Air Pressure too high 2. Water supply turned off 3. Low water pressure <ol style="list-style-type: none"> a. Pre-filter clogged b. RO Element damaged or fouled 4. Plugged post-filter 5. Increased raw water total dissolved solids level 6. Low raw water temperature 7. System undersized for application 8. Flow restrictor clogged 	<ol style="list-style-type: none"> 1. Set tank at 5-7 psl (empty) 2. Turn on water supply 3. a. Change pre-filter b. Change or replace element 4. Change post-filter 5. Increase raw water pressure 6. Increase raw water pressure or install 10 feet coil or ¼" tubing prior to pre-filter in heated space 7. Replace element with large capacity unit and/or add second storage tank
2	Low or poor water quality	<ol style="list-style-type: none"> 1. All of the above with particular emphasis on flow restrictor, TDS, Water temperature and pressure 2. RO Water stored too long in tank 3. Bacteriological fouling 4. Membrane fouling <ol style="list-style-type: none"> a. Brine seal linking b. Product water 'O' ring leaking c. Product water check 	<ol style="list-style-type: none"> 1. See number 1 solution 2. Open faucet to drain tank 3. Sanitise system 4. Requires further pre-treatment and/or new membrane <ol style="list-style-type: none"> a. Check membrane rine seal b. Check product water'O' ring c. Replace check valve
3	Bad Taste	<ol style="list-style-type: none"> 1. Taste leaching from pressure tank 2. Post carbon filter exhausted 2. System fouled by micro organisms 3. Storage tank bladder ruptured 	<ol style="list-style-type: none"> 1. Change post-carbon filter 2. Change post-carbon filter sanitize system 3. Replace bladder and sanitize
4	Flow restrictor clogging	<ol style="list-style-type: none"> 1. Bacteria fouled 2. Raw water excessively Turbid 	<ol style="list-style-type: none"> 1. Sanitise system 2. One or more additional Micron
5	Carbon fines in product water	Coming from post-carbon Filter	Cycle faucet on/off until carbon is flushed clean
6	Bad odour in production water	<ol style="list-style-type: none"> 1. System biologically contaminated 2. Post-filter exhausted 3. Raw water excessively Turbid 	<ol style="list-style-type: none"> 1. Sanitise system 2. Replace post-filters
7	Low product water pressure	<ol style="list-style-type: none"> 1. Final filter clogged 2. Low air charge in storage tank <ol style="list-style-type: none"> a. Water temperature has 	<ol style="list-style-type: none"> 1. Change final filter 2. Increase tank air charge <ol style="list-style-type: none"> a. Same as above
8	External leaks	<ol style="list-style-type: none"> 1. Tubing not cut square before inserting into parker fast and title fitting 2. 'O' rings need more lubricant <ol style="list-style-type: none"> a. 'O' rings need more lubricant 	<ol style="list-style-type: none"> 1. Cut off 3/8" of tubing and assemble 2. Replace 'O' rings <ol style="list-style-type: none"> a. Use silicon-based lubricant on all 'O' rings except flush valve requires Vaseline,

Recycling Water and its Reuse

Water is a rapidly depleting resource. It is our moral responsibility to ensure that water is recycled as much as possible.

Reject water from an RO system is an unavoidable technology limitation. It maintains the performance of the purification process and the service life of the membrane also. Eureka Forbes has taken the utmost care to minimize the water wastage in our RO system without compromising on the performance of the product.

The water flushed out by your Aquaguard RO water purifier can be collected and used for several purposes.

Flushed water can be used for:



Watering plants



Daily household cleaning tasks like mopping floors, cleaning bathrooms, kitchen sinks etc

Flushed water cannot be used for



Washing clothes



Drinking

Eurosmile Service At Your Doorstep

Once your warranty period has been completed (please refer to Warranty Terms and Conditions in this booklet), we advise you to enter into our "Eurosmile Service Plan", an Annual Service Maintenance Contract that is an investment for the smooth functioning of your Aquaguard and for your family's health.

The Eurosmile Service Plan provides:

- 1) Replacement/cleaning of the Sediment Filter, Activated Carbon and Membrane*. Our trained service technicians will examine your existing filter/cartridge/membrane and will replace/clean, as per the requirement.
- 2) Replacement of any exhausted or defective parts*, as required.
- 3) All replacement are done with genuine, thoroughly inspected service spares.



*Conditions apply

Eurosmile Guarantee

Pure, Safe Water at ALL TIMES

Be Alert

It has come to our notice that some unscrupulous persons are unauthorizedly claiming to be Sales Representatives, Service Technicians or Service Franchise of Eureka Forbes. Under this pretext, they are unauthorizedly collecting money by issuing fraudulent cash receipts and/or unauthorizedly making sales/service commitments purportedly on the behalf of the Company. They even try to replace genuine spare parts with spurious ones. They could pose a threat to the health and well-being of your family, as well as possibly to your security.

- Here are some simple precautions that you can take:
 - Check if the person carries an authorized identity card bearing his photograph and the hologram of Eureka Forbes Limited
 - If you have any doubt about the identity of the person, please call the Eureka Forbes office in your city and read out the Employee Code on the Identity Card. The operator will confirm if this is a valid Identity Card and guide you further.
 - Please make all payments only by cheque, in favour of "Eureka Forbes Limited"
- For any guidance and that you may require, please contact the Eureka Forbes office in your city.

Warranty Terms and Conditions

The goods are warranted against defects arising from faulty designs, workmanship and materials 12 months from the date of installation or 15 months from the date of sale, whichever is earlier, subject to the following conditions:

1. The Customer will notify the Company, in writing, promptly of any defects noticed and give the Company or its authorized agent adequate opportunity to inspect, test and remedy them for which the Customer will deposit the goods, if so required by the Company, with the Company's Office/Service Centre along with the original invoice, in the city where they are sold.
2. The Inspection and Test Report of the Company's Office/Service Centre will be final and binding under the Warranty for determining defects, repairs/alterations required or carried out or certifying work of the goods thereafter.
3. Aquaguard may require initial setting post-installation, depending on varying water conditions and power supply. In case of any service requirement post-installation, please contact the Company's Service Centre.
4. The Company or its authorized agent will be entitled to retain any defective part replaced under the Warranty.
5. Notwithstanding anything to the contrary contained or implied by this Warranty:
 - a. The Company's liability under this Warranty shall be limited to the first sale of the goods by the Company to the Customer and will not apply or extend to any secondary sale of goods by the Customer.
 - b. The Company's liability under this Warranty shall be limited only to defects in the goods which occur under the conditions of normal operation of the goods and their proper and prescribed use. The Warranty does not cover or extend to defects which are determined by the Company or its authorized agents as occurring or resulting from or attributable to negligence, abuse, misuse, faulty care, operation or maintenance or repairs, alterations to the goods or any part thereof by others or the use of the goods on electrical supply for which they are not designed, or damage caused by lightning or other electrical disturbances or interruptions.
6. The Company's liability under this Warranty shall remain valid only if the goods are duly installed by the Company or its authorized Agency at the location specified in the Invoice and such installation is undertaken by the Company or its authorized agent or franchisee.
7. Consumable items like the i-Filter/clarity Cartridge, Chemi-block, RO Membrane,* Taste Enhancer, UF Cartridge and Miracle Cartridge that are subject to normal wear and tear are not covered by this Warranty.
8. The Customer will have no claim against the Company, its employees and its authorized agents or franchisees

under or pursuant to this Warranty in respect of death or injury to the Customer or any other person or loss or damage to any property caused by or due to equipment failure, breakdown or accident, fire or operation or utilization of the goods otherwise than in accordance with the User Guide or by or due to any other cause or circumstances beyond the control of the Company.

- f. The Company's liability, under this Warranty, shall in no event and under no circumstances exceed the price paid by the Customer to the Company for the goods stated in the Invoice.

General

For the purpose of this Warranty, the following expressions shall have the following meanings respectively;

1. The Goods' shall mean the goods described in the Order Form.
2. The Customer' shall mean the original purchaser of the Goods from the Company.
3. The Company' shall mean 'EUREKA FORBES LIMITED'.
4. General Terms and Conditions' shall mean the terms and conditions agreed upon by the Customer and the Company printed on the Order Form.
5. Invoice' shall mean the invoice issued by the Company to the Customer describing the goods and indicating, inter alia, the total purchase price thereof and name of the Customer.
6. User Guide' shall mean the instructions for installation, use and maintenance contained in the leaflet supplied by the Company.

Post-warranty

1. The Customer may be offered a yearly Service Contract at the prevailing Company rates and terms.
2. In case the Customer does not wish to enter the Service Contract, he has the option of calling the Company's Service Centre and having his Aquaguard serviced on an actual basis i.e. by paying the Labour cost and Spares needed to attend to that Service/Complaint Call at the prevailing Company rates. Such service will be rendered by the Company in towns/places where the Company has its Service Centres.
3. The Company will provide free servicing of the goods brought to its Service Centre by the Customer, provided that all expenses of transporting the goods to and from the Service Centre shall be borne by the Customer directly.
4. If during such servicing it is necessary for the Company to replace or repair defective components or parts, the Customer shall be required to pay for the same as per the Company's prevailing price list.

*Conditions apply

Only **Aquaguard**[®] gives you

Trust of
over 100
lakh mothers



Owned by
over 1.62 lakh
doctors



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5km range of
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Environment Protection:

"PROTECTION" has always been our motto and guiding principle. We care for the environment. The product packaging has been made of recyclable, environment-friendly material. We urge you to recycle the packaging material or take it to the nearest recycling facility rather than dispose of it with the rest of your waste.

Your appliance has been designed to work for many years, however, should you wish to upgrade or replace your old product, remember to help protect the environment by disposing of it at your local e-waste disposal centre. Should you have queries, the nearest authorized service centre of Eureka Forbes will be able to guide you.

Allow us to become your environmental partner; together we can make the world a cleaner place.

