

AquaSureTM from AquaGuard[®]



MAXIMA⁺
RO+UV+MTDS+ME
Water Purifier

USER MANUAL

THE AQUASURE HERITAGE

Dear Customer,

Congratulations on your purchase of the AquaSure Maxima Plus RO+UV+MTDS+ME water purifier. By purchasing the AquaSure Maxima Plus RO+UV+MTDS+ME water purifier; you have just invested in your family's health by providing them protection against waterborne diseases. The AquaSure Maxima Plus RO+UV+MTDS+ME has been designed to provide you with safe drinking water, day after day. We recommend you to read the User Manual carefully before commencing to use the product.

The AquaSure Maxima Plus RO+UV+MTDS+ME Water Purifier is brought to you by Eureka Forbes, the pioneers in Water Purification Technology in India. Should you require any assistance you can be rest assured that we are just a call away.

MULTI-STAGE PURIFICATION PROCESS

Stage	Filtration	Material	Benefits
1.	Clarity Cartridge (i-Filter)	Multi layered Polypropylene Roving Wound Cartridge	Removes finer suspended particles such as dirt and sand from water.
2	Chemi-Block (with built-in Particle Trap Filter)	Dust Free Bacteriostatic Activated Carbon Block Filter Cartridge	1. This adsorbs colour, odour, excess chlorine & organic impurities from the incoming water. 2. It removes very fine turbidity from the water. 3. Its Unique 'Particle Trap Filter' entraps any released micro particle.
3	Membrane Life Enhancer***	Special Anti-scalant Media	Prevents scaling of dissolved salts like calcium and magnesium, thus enhancing the membrane life and improving water flow.
4	Reverse Osmosis Cartridge	Thin Film Composite (TFC) Reverse Osmosis Membrane	Reduces TDS, hardness, pesticides and heavy metals like arsenic, lead and mercury and removes micro-organisms like bacteria, viruses, protozoa and cysts.
5	Mineral Cartridge	A combination of silver impregnated activated carbon granules and mineral media that slowly releases essential natural minerals (calcium & magnesium)	Removes residual organic impurities and revives the original taste of water. Increases the level of calcium and magnesium in that purified water and balances pH of Water.
6	UV Disinfection Chamber	Germicidal UV Lamp	UV disinfects the water by eliminating waterborne disease-causing bacteria, viruses and protozoa, thereby, making it safe to drink.

***Not a part of the product, Membrane life enhancer is recommended if the input water TDS is more than 1,000 ppm (mg/L) or input water hardness is more than 300 ppm (mg/L). Available at extra cost.

AquaSure Maxima Plus RO+UV+MTDS+ME has approximately 7 liters of purified water storage capacity and the rate of recovery for purified water is approximately 25%. It is also equipped with a Microswitch Float Valve Mechanism which automatically shuts off the lamp. The sealed lid of the storage tank protects water from dust and other foreign objects.

TDS modulator is located inside the product. As per factory setting it comes in fully closed mode. TDS level of output water can be increased by slowly loosening (anticlockwise) the spindle of the TDS modulator. Normally a slight quarter turn is enough to increase the TDS of output water. Rotating the spindle in clockwise direction, closes the blending valve and reduces the level of TDS blending. Please note that TDS blending and its adjustment is dependent upon the level of TDS of Input water and on the TDS reduction capacity of the RO Membrane. TDS adjustment should be done by the Company authorised personnel.

INSTALLATION

- Install it in a dry, ventilated place, keeping it away from direct sunlight or below freezing temperatures.
- Connect it to only cold tap water. Filters can be damaged if connected to hot tap water. Make sure that the tap water pressure is between 4.26 psi to 42.6 psi (0.3 to 3.0 kg/cm²)

Note: In case the water pressure in your area is lower than the minimum specified, we recommend the use of an external booster pump. If the pressure is higher than the maximum specified, use of the pressure reducing valve (PRV) is recommended. (PRV & Booster Pump are available with the company at an extra cost.)

- Make sure that reject water pipe is placed lower than the top of the purifier, if not water might flow back into the purifier. Make sure that the purifier is installed within the distance of 1.0 m from the tap water supply. The purifier is for 230 V only, so make sure that you connect to 230 V power outlet. Do not install the purifier in a place where water or rain could leak into it (outdoors, etc).
- Being compact AquaSure Maxima Plus RO+UV+MTDS+ME is easy to install either on your kitchen counter or wall.

Note 1) Flush filters adequately during installation 2) Drain the first tank fill after installation

VISUAL INDICATIONS WHEN UNIT IS WORKING

LED blinking in green color.	Maxima Plus RO+UV+MTDS+ME getting ready.
Green color glows solid.	Purification Process is ON / Tank is Full.
LED blinking in Amber Color.	Incoming water pressure is low / no water supply.
LED blinking in Red color / red glows solid.	Some error in working - Please call service.

TECHNICAL SPECIFICATIONS*

Operating Voltage Range	150 V AC to 280 V AC, 50 Hz
Power Rating	40 W
Net Weight	5.6 KG (Dry) (approx.)
Dimensions (H x W x D)	46.0 cm x 31.8 cm x 20.5
Total Dissolved Solids in Input Water	Up to 2000 mg/litre ⁺⁺
TDS reduction	≥ 90% (approx.)**
Power Supply Input	230 ± 10 V, 50 Hz, Single phase
Power Supply Output	External AC/DC Adaptor 24V / 2.5 A

Recommended Input Water Quality

S.No.	Parameter	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	5 NTU (max.)
5.	Hardness	600 mg/ltr. (max.)

Performance Data Sheet is available with Eureka Forbes Technical Documentation Centre

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.

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

⁺⁺If the input water TDS is more than 1,000 ppm (mg/L) or input water hardness is more than 300 ppm (mg/L), use of a Membrane life enhancer is recommended.

These accessories are available at an extra cost.

*Standard Test Condition:

Feed water Quality: TDS Max. : 1,000 mg/liters with NaCl,

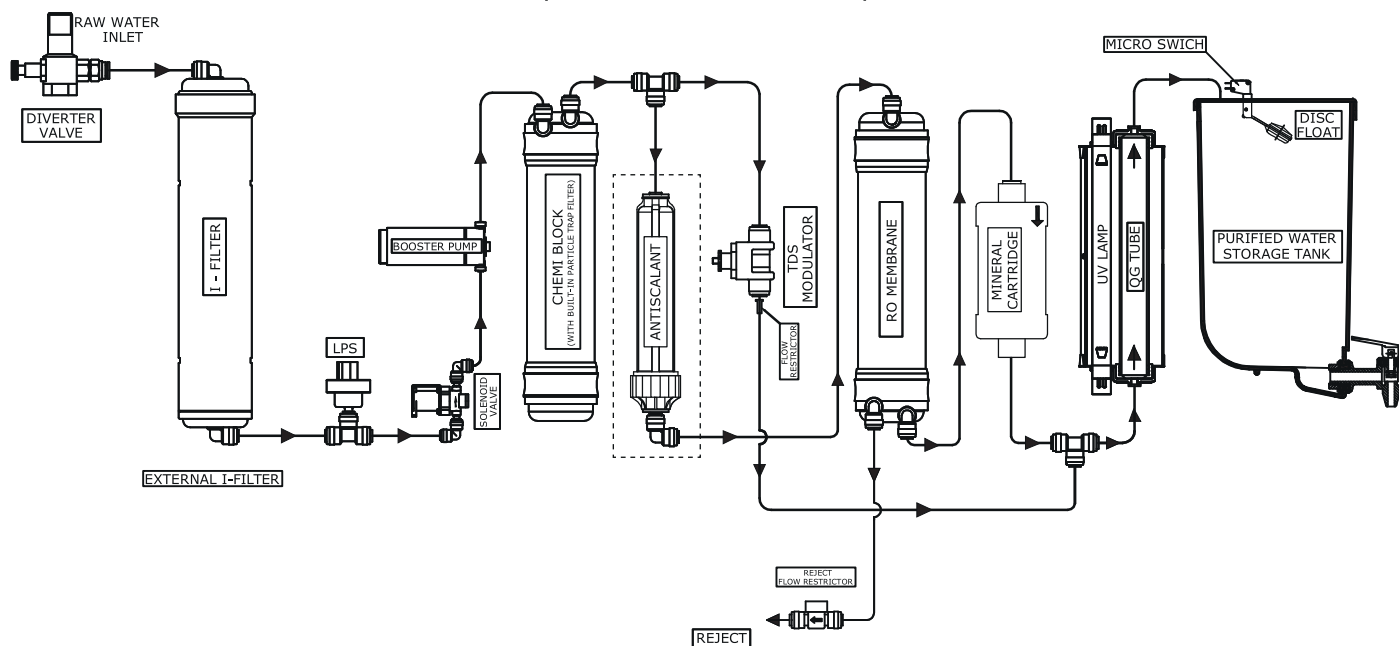
Pressure: 1.0 kg/cm², Turbidity: Max. 1 NTU, Temperature: 25°C, Chlorine: below 0.2 mg/liters, Iron: below 0.3 mg/liters

Pressure on Membrane: 75 psi & Product recovery @ 25% Life: 6,000* Liters.

*Actual performance may vary based on the input water conditions — TDS, Hardness, Pressure, Temperature & pH

AQUASURE MAXIMA PLUS RO+UV+MTDS+ME BASED MULTI-STAGE PURIFICATION WATER PURIFIER

MAXIMA RO+UV+ME+MTDS WATER PURIFIER (WATER FLOW DIAGRAM)



NOTE : THIS IS A SCHEMATIC ILLUSTRATION OF THE PRODUCT TO GIVE A VISUAL SCHEME OF WORKING OF PRODUCTS
THIS IS NOT AN ACTUAL ENGINEERING DRAWING OF THE PRODUCTS.

Antiscalant cartridge is recommended to be installed if the TDS is above 1000 ppm or hardness above 300 ppm

MAINTENANCE

- Replace the filter at following periodicity.

1.	i- Filter (Clarity cartridge)	6,000* litres
2.	Chemi Block	6,000* litres
3.	RO Membrane	6,000* litres

4.	Mineral Cartridge	6,000* litres
5.	UV Lamp	5,000 burning hours (as per UV Lamp manufacturer's+ specifications)

- Note:**
- Please refer standard test conditions* for filter life.
 - Normally approx. 600 ml of water flows per minute from the reject water tube when the unit is working. If the flow reduces, please contact our service centre.
 - 6000 litres is approximately 860 fillings of storage tank. Even if you fill the storage tank twice a day the filters will last for 1 year.

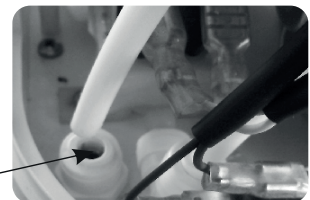
Disinfection & Cleaning of Storage Tank

Note: Storage Tank of this product must be periodically (at least once in every 30 days) cleaned by a disinfectant. Disinfection Tablets may be purchased from the Company authorised Service Centre. Please follow the disinfection process strictly as per the instructions as provided in this User Manual.

- Switch-off the power supply to the purifier when the tank is full. Stop the water supply to the unit (by removing the raw water inlet pipe from the Diverter Valve). Remove the top cover of the purifier unit.
- Disengage the pure water inlet pipe of storage tank (As shown in the pictures.)
- Drop one disinfection tablet into the opening of the inlet connector of tank. **CAUTION:** Keep away the disinfection tablets out of reach of children. Do not eat/consume the disinfection tablet.
- Snug fit the pipe and leave the unit for 30 minutes.
- After 30 min. open the faucet and discard the purifier tank water completely. **CAUTION:** Do not drink this water. Check if the tablet has completely dissolved. If not, then discard the leftover pieces of the tablet.
- Switch-on the power to the unit and insert the raw water inlet pipe back into the diverter valve as it was before.
- Let the purifier tank get completely filled. Discard this fill too.
- Allow the tank to get filled again. Now your Maxima Plus RO+UV+MTDS+ME is ready for use. You can start using this water. In case you notice any medicinal taste/smell then discard the water and let it refill again.
- Please ensure that this disinfection process is carried out by an authorised installation person or a service technician during first installation and in every subsequent mandatory servicing of your product.



Pure water inlet to storage tank



Drop disinfection tablet from this opening

CHECK POINTS BEFORE CALLING OUR SERVICE CENTRE

Problem	Check Points	Solutions
Water tastes bad	<ol style="list-style-type: none"> Is the storage tank clean? Have you kept the purified water in the tank too long? Is it time to change filters? 	Clean the storage tank. Discard water and clean the tank. Call our service department to change filters.
There is too much (or too little) water being purified	<ol style="list-style-type: none"> Is the tap water valve closed? Is the water temperature too low? Are the filters clogged or damaged? 	Open the tap water valve. If so, the amount of purified water will be reduced. Call our service department and change filters.
Water doesn't come out	<ol style="list-style-type: none"> Is there water in the tank? Is tap water supplied? Is the tap water valve closed? Not sure what is wrong? 	Check the storage tank. If tap water is not supplied ensure supply is on. Open the tap water valve. Call our service department.
Water is leaking	<ol style="list-style-type: none"> Is water coming out of the top cover of the purifier? 	After checking the inside of the product, close the tap water valve, unplug the power cord and call our service department.

PRECAUTIONS IN USING THE PURIFIER

PRECAUTION	LIKELY PROBLEM IF NOT FOLLOWED
After installation, empty purified water for the first time before using the purifier.	First filling of water may contain smaller particles of manufacturing debris of filters. Though these are not harmful, recommended to discard.
Do not place any heavy or sharp objects on top of the purifier.	Scratches will develop on the surface. Heavy objects might lead to damage of the body.
Drain the water in the tank before reusing the purifier if it hasn't been used for over 2 days.	Stagnation might have caused contamination if the lid is not properly placed. Recommended to discard the stored water.
Change filters.	Filtration will get affected. TDS reduction may not be consistent.
Clean filters to make the purifier work best.	Filtration time would increase.
Keep the environment clean for the purifier. While cleaning make sure that water doesn't leak into the purifier.	External contamination is a likely occurrence.
If the supply cord is damaged, it must be replaced by a service agent or a similarly qualified person.	Leads to electric shock.
Do not keep lit objects like candles on the product.	Can completely burn the product.

TERMS OF WARRANTY

1. The Products are warranted against manufacturing defects for a period of twelve (12) months from the date of original purchase.
2. 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 at its own expense, 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.
3. 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.
4. 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.
5. The company or its authorized agent will be entitled to retain any defective part replaced under the warranty.
6. 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 lightening or other electrical disturbances or interruptions, dismantling or re-installation at a different location.
 - c) 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.
 - d) Consumable items mentioned in the consumables table are subject to normal wear and tear are not covered by this warranty. Please refer model specific components given in the user manual under the table "consumable cartridges".
 - e) Reverse Osmosis Membrane warranty is for a period of 1 year (or) 6,000 litres (whichever is earlier) from the date of installation, on the condition that the input water is as per the standard test conditions for RO variants (provided in the section "Technical specifications table"), mentioned in the user manual. If the RO membrane gets clogged within warranty period, it will be cleaned/repared/replaced free of charge as deemed fit by the company authorized service person/centre after inspection. (At applicable for RO models only.)
 - f) 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 manual or by due to any other cause or circumstances beyond the control of the company.
 - g) 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 goods from the company.
3. The 'Company' shall mean EUREKA FORBES LIMITED.
4. Aquaguard® means and includes Aquaguard®, Aquaguard® Select and Sure from Aquaguard®.
5. 'General Terms & Conditions' shall mean the terms and conditions agreed upon by the customer and the company printed on the Order Form.
6. '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.
7. 'User Manual' shall mean the instructions for Installation, use and maintenance provided through QR code along with Product supplied by the company.
8. EFL reserves the right, in its absolute discretion, to change, alter or discontinue and alter the terms and conditions from time to time without any prior notice.
9. Any disputes are subject to Mumbai Jurisdiction only.

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 having his Aquaguard® services 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. 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.
4. Eureka Forbes limited reserves the right to offer annual maintenance contract/ensure availability of spares only up to 7 years from the date of invoice.

*Conditions apply.



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Environment Protection:

"Protection" has always been our motto and guiding principle. We care for the environment. We urge you to recycle the packaging material or take it to the nearest recycling facility rather than disposing it off, with the rest of your waste.

Your product 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 it of at your local e-waste disposal center. Should you have any queries, the nearest authorised service center of Eureka Forbes will be able to guide you.

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



HealthProtect™

For your safety the specially designed and electronically authenticated purification cartridges* of Aquaguard® ensure our promise of 'pure & healthy water or no water', always. In the unlikely usage of a 'non-genuine' purification cartridge* that could potentially deliver unsafe water - an indication light will draw your attention. For your complete protection, it even shuts down the purification process. Not just this, it also alerts you in advance when the Aquaguard® purification cartridges* are reaching the end of their usable life (6,000 litres), so that you can contact the authorised Eureka Forbes service center for your required 'genuine' purification cartridge* replacement.* i-Filter™, Chemi-Block, Alkaline Cartridge and RO Membrane (in RO/RO+ UV/RO+UV+UF models only).

*Not including premature choking of the purification cartridges due to poor water conditions vis. silt etc.