



Smiith TM UF

AN ULTRA FILTRATION WATER PURIFIER

Special Membrane, an "INDIA INNOVATION" for Total Health

**100% PURE & BACTERIA FREE SAFE
DRINKING WATER**
WATER PURIFIER MODELS AVAILABLE



STORAGE MODEL-4S



ONLINE MODEL-4S



ONLINE MODEL-3S



ONLINE MODEL-3S

[SMIITH UF STORAGE 4 STAGES](#) _ [SMIITH UF ONLINE 4 STAGES](#) _ [SMIITH UF ONLINE 3 STAGES](#) _ [SMIITH UF ONLINE 2 STAGES](#)

Manufactured By : **Riya Impex Pvt. Ltd.**

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Filtration Process

Smith UF 4S Models employs a four stage water purification system to give bacteria & virus free crystal clear water. The system guarantees removal of 99.99% bacteria & virus from the water, which is achieved by a unique ultra filtration technology employing modified hydrophilic capillary membranes. The device does not need any electricity for its operation or chemicals for its Operation and directly fitted at point of use with a perennial source of water, either from building over head tank or a room loft tank. The minimum pressure required is 5 PSI.

Stage One - Activated Alumina Chamber

The water is passed through activated alumina chamber that contains activated alumina beads in the size of 2-8 mm. This filtration removes toxic materials like fluorides Nitrates, Arsenic etc & odor if present in the water by surface adsorption principle due to its high porosity. The Activated Alumina cartridge is in the form of easy to refill pack contained inside a food grade Polypropylene holster. The Activated Alumina has high adsorption surface area, is non corrosive and practically non hydroscopic.

Stage Two - 5 micron Sediment filter

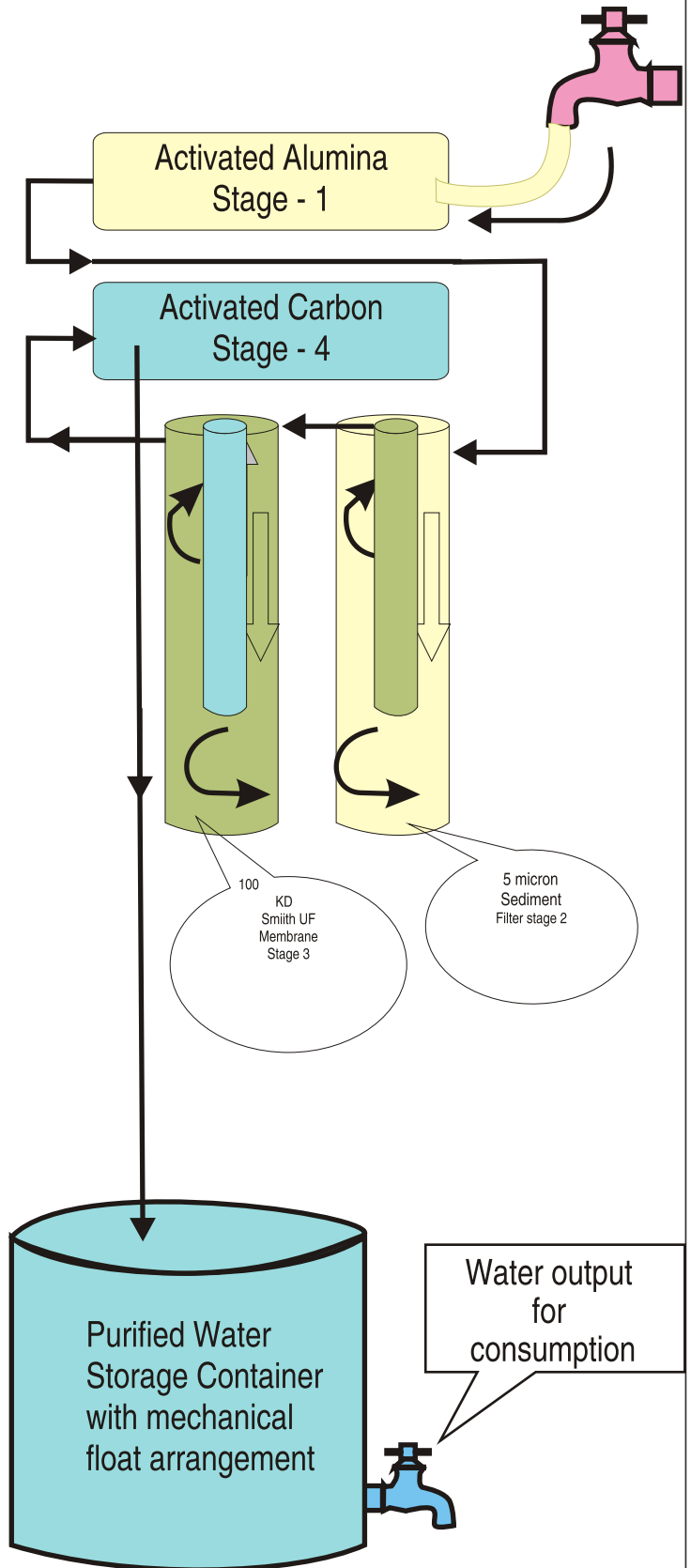
In this stage the water is passed through 5 micron back washable Non woven/ woven or sintered Polypropylene sediment filters. In case of woven or non woven sediment filters the filter is in the form of continuous length , wrapped over a porous polypropylene candle This stage removes suspended particles, dissolved silt, turbidity up to the size of 5 microns. Depending upon the turbidity the selection of the type of sediment filter can be made. The sediment filter cartridge is in the form of easy to install configuration pack with a provision 1" BSP male thread with which the cartridge is screwed to a food grade Polypropylene bowl top. The sediment filter can be unscrewed easily once fully choked for back wash or when replacement is required. Flow out to In

Stage Three - Ultra filtration membrane

In this stage water is passed through a special ultra filtration membrane element, with the construction of modified hydrophilic capillary, made of polyether Sulphone.(PES).The membrane has an average pore size between 0.05 0.01 microns and molecular cut off of 120 to 100 Kilo Daltons . This stage filters all pathogens bacteria's, virus & other suspended contaminates falling the range of 0.09 to 0.02 microns, The filtration is achieved by size exclusion method. Since the size of the porous membranes is less than the size of the know bacteria, pathogens or virus, the membranes ensure perfect guard against these biological contaminates by stopping them on the membrane outer surface. The membrane element is in the form of easy to install configuration pack with a provision 1/4" BSP male thread with which the cartridge is screwed to a food grade Polypropylene bowl top. The UF membrane element can be unscrewed easily once fully choked for back wash or when replacement is required. Flow out to In.

Stage Four - Activated Carbon Chamber

In this stage the water is passed through activated carbon chamber which is Activated carbon Granular in the 4-16 mesh size. This filtration removes odor, free chlorine, dissolved gases, dissolved organic contaminants by surface adsorption principle, due to high density & large surface area. This stages polishes the water and improves the taste of the water. The Activated carbon cartridge is in the form of easy to refill pack contained inside a food grade Polypropylene holster. The Activated carbon has high adsorption surface area, is non corrosive and non hydroscopic. Flow Co Flow



TECHNICAL SPECIFICATIONS

◆ Activated Alumina

Form	Beads
Size (mm)	5-8
Bulk density (gm/lit)	0.75 - 0.85
Surface area (m ² /gm)	345 - 415
Pore Volume (cc/gm)	0.35 - 0.50
Adsorption capacity (60% RH)	17 - 21.5%
Attrition loss%	0.2%
Chemical Composition	Na ₂ O 0.40%, Fe ₂ O ₃ 0.03%, SiO ₂ 0.10%, Al ₂ O ₃ 92% min
Configuration	Refill type

◆ Sediment Filter

Material	Woven / non-woven Sintered Polypropylene
Size	Dia 60 x 170mm
Average Pore size	5 micron
Surface area (m ²)	1 m ² for woven / non woven type
End Connection	1" BSP male thread connection / stub
Configuration	Cylindrical
Flow	Out to In Depth Filtration
Chemical Composition	PP

◆ Ultra Filtration Membrane Element

Material	General
Element Size	Polysulphone / Polyethersulphone
Average Pore size	Dia 60 x 210mm
Surface area (m ²)	Between 0.05 to 0.01 microns
End Connection	0.25 m _p / Element
Configuration	¼" BSP male thread connection
Flow	Cylindrical
Chemical	Out to In surface Filtration
Composition	PES
Molecular weight cut off	120 to 100 KD
Min operating pressure	5 Psi
Max operating pressure	14 - 30 Psi
Membrane type	Hydrophillic Capillary
Average membrane ID / OD	0.78 / 1.28 mm
Resistance (PH range)	1 -13

◆ Activated Carbon

Source	Norit, Netherlands
Iodine Number	975
Methylene blue adsorption (g/100g)	20
Total surface area (B.E.T) (m ² /g)	1100
Apparent density (kg/m ³)	470
Density backwashed and drained(kg/m ³)	420
Ball-pan hardness	97
Effective size D ₁₀ (mm)	0.6-0.7
Uniformity coefficient	1.7
Ash content (mass-%)	12
Water soluble Ash (mass-%)	0.1
pH	Alkaline

PART SPECIFICATIONS

Part Name	MOC	Std Qty/unit	Model Reference	Freq. Of cleaning - (c) Replacement - (R)
In put Valve & Faucet	Tin plated brass	01	In All	Nil
Activated Alumina Chamber	Polypropylene	01	4 stages	(C) Once in 6 months
Activated Alumina Refill pack	Activated Alumina	01	4 stages	(R) Once in 3 months or 3000 lts
Sediment Filter Bowl	Polypropylene	01	3 & 4 stages	(R) Once in 6 months or 6000 lts
5 Micron sediment filter	Polypropylene	01	3 & 4 stages	(C) Once n 2 months (R) Once in 6 months
UF Filter Bowl &	Polypropylene	01	In All	(C) Once in 6 months
Smiith UF membrane Element	Polyethersulphone	01	In All	(C) Once in 3 months OR Whenever the flow reduces Substantially (R) Once in 2 years OR Whenever the flow stops after Repeated cleaning
Activated Carbon Chamber	Polypropylene	01	In All	(C) Once in 6 months
Activated Carbon Refill Pack	Activated Carbon	01	In All	(R) Once in 3 months or 3000 lts
Storage container	ABS & Acrylic	01	In Str Type	(C) Once in 3 months
Storage container Tap	Polypropylene / ABS	01	In Str Type	(R) whenever required
Storage container float Assembly	Polypropylene / ABS	01	In Str Type	(C) Once in 3months or when Ever the storage container is Cleaned
Interconnecting piping	Food Grade Plastics	Set	In All	(R) whenever required
End connection - QC type	Polypropylene	Set	In All	(R) whenever required

Detail part list is given against the models in the next pages

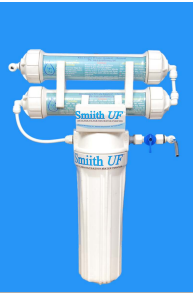
One bottle(150ml) of Membrane & Tank cleaning Solution, Sodium hypochloride solution (NaHocl) shall be Supplied with all units

DETAILED SPECIFICATIONS / PARTS LIST OF ALL MODELS

 SMIITH UF STR-4S	Smith UF STR-4S employs 4 stages water purification technology for 100% bacteria free water, with mechanical float valve for automatic operation, with 8 LTRS. Built in storage container. 1st Stage - Activated Alumina Stage. 2nd Stage - 5 micron Sintered Filter. 3rd Stage - 0.05/0.01 Ultra filter Membrane. 4th Stage - Activated Carbon Stage. Table Top Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Salient features.</u> Product warrant 2 years prorated basis for UF membrane.(See Warrant Clause) Activated Alumina Refill (Spare) with unit - 3 nos. 5 micron Sintered Filter (Spare) with unit 5 nos. Activated Carbon Refill (Spare) with unit 6 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 6850 /- (Inclusive Of all taxes all India)
 ONLINE MODEL-4S	Smith UF-4S employs 4 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - Activated Alumina Stage. 2nd Stage - 5 micron Sintered Filter. 3rd Stage - 0.05/0.01 Ultra filter Membrane. 4th Stage Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Salient features.</u> Product warrant 2 years prorated basis for UF membrane.(See Warrant Clause) Activated Alumina Refill (Spare) with unit - 3 nos. 5 micron Sintered Filter (Spare) with unit 5 nos. Activated Carbon Refill (Spare) with unit 6 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 6000 /- (Inclusive Of all taxes all India)
 ONLINE MODEL-3S	Smith UF-3S employs 3 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - 5 micron Sintered Filter. 2nd Stage - 0.05/0.01 Ultra filter Membrane. 3rd Stage Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Salient features</u> Product warrant 2 years prorated basis for UF membrane.(See Warrant Clause) 5 micron Sintered Filter (Spare) with unit 3 nos Activated Carbon Refill (Spare) with unit 3 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 4800 /- (Inclusive Of all taxes all India)
 ONLINE MODEL-2S	Smith UF-2S employs 2 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - 0.05/0.01 Ultra filter Membrane. 2nd Stage Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Salient features.</u> Product warrant 1 years for UF membrane.(See Warrant Clause) Activated Carbon Refill (Spare) with unit 3 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 2950 /- (Inclusive Of all taxes all India) Note additional stages can be provided at a extra cost.
 Model-4S1	Smith UF-4S1 employs 4 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - Activated Alumina Stage. 2nd Stage - 5 micron PP spun Filter. 3rd Stage - 0.05/0.01 Ultra filter Membrane. 4th Stage - Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Salient features.</u> Warrant 1 years.(See Warrant Clause) Activated Alumina Refill (Spare) with unit - 1 nos. 5 micron PP spun Filter (Spare) with unit 1 nos. Activated Carbon Refill (Spare) with unit 3 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 5000 /- (Inclusive Of all taxes all India)

Note- All the units come with free deliver and free installation charges. The Products are warranted against any manufacturing defects for one year from the date of installation; however the UF membrane is warranted for two years prorated warranty for safe output. Kindly see the general terms of warranty.

DETAILED SPECIFICATIONS / PARTS LIST OF ALL MODELS

 MODEL-3S2	Smiith UF-3S2 employs 3 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - 5 micron pp spun filter. 2nd Stage - 0.05/0.01 Ultra filter Membrane. 3rd Stage Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Sailent features</u> Warrant 1 years.(See Warrant Clause) 5 micron PP spun Filter (Spare) with unit 1 nos. Activated Carbon Refill (Spare) with unit 3 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 4000 /- (Inclusive Of all taxes all India)
 MODEL-3S3	Smiith UF-3S3 employs 3 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - 5 micron pp spun filter (small). 2nd Stage - 0.05/0.01 Ultra filter Membrane. 3rd Stage - Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Sailent features</u> Warrant 1 years.(See Warrant Clause) 5 micron PP spun Small Filter (Spare) with unit 6 nos. Activated Carbon Refill (Spare) with unit 3 Nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 3600 /- (Inclusive Of all taxes all India)
 MODEL-UV_UF5S	Smiith UV-UF5S employs 5 stages water purification technology for 100% bacteria free water with Faucet valve for automatic operation. 1st Stage - 5 micron PP wound Filter. 2nd Stage - 1 micron Spun Filter 3rd Stage - UV- E boiling chambers. & CTO polisher. 4th stages - 0.05/0.01 Ultra filter Membrane. 5th Stage- Activated Carbon Stage. Wall mounted Model with rated Out Put @ 50 Ltrs/ Hr/ Bar.	<u>Sailent features</u> Product warrant 1 years for membrane.(See Warrant Clause) & 5000 hrs for UV bulb 5 micron PP wound Filter (Spare) with unit 3 nos. 1 micron PP spun Filter (Spare) with unit 3 nos. Activated Carbon Refill (Spare) with unit 3 Nos. with post UV polisher 6 nos. Bacteria Check Test for out put with unit 2 test. MRP Rs 7000 /- (Inclusive Of all taxes all India)

Salient features of the Technology

Retains All Vital Ingredients :-

Smiith UF Water Purifier retains all the vital minerals & Oxygen in the water, which is essential for human health.

Needs no Electricity :-

Smiith UF water purifier needs no electricity to remove bacteria & virus form the water. It works on normal tap pressure. It can be attached to loft water tanks which are common in modern flats kitchens.

Needs little Maintenance:-

Smiith UF water purifier needs little maintenance which can be done by any member of the house hold hence no need for trained manpower for maintaining the unit. **Smiith UF** water purifier need not require **costly Annual Maintenance contracts** and replacement of the parts can be done by any membe of the family. The unit is simple to understand & simple to use device. **Unit comes with one year spares and frequency of cleaning / replacement will depend upon the input water conditions.** The replacement / cleaning schedule given above is the standards procedure to get maximum trouble free value from the unit. Cleaning of the unit should not take more tha 10 minutes.

Value for Money:-

Smiith UF water purifier are designed to give crystal clear bacteria & virus free water for Two years with standard maintenance schedule with an average out put of 50 ltrs/hr at 30 feet water head or 15ltrs/ hr at 10 feet water head Pressure. With membrane Proper Cleaning the UF membrane shall need replacement once in three years. How ever all the models come with a warranty of performance for One year and in certain cases with two year prorata warranty. The replacement cost spares is very competitive as compared to Industry Norms.

Warranty Card / Guidelines for Use

Dear Customer,

We are pleased to note that you have appreciated the technical superiority of Smith UF range of water purifiers, which use state of art Ultra filtration technology for providing bacteria and virus free water for safe drinking. The unit comes along with bacteria slide test kits for self checking of out put from the purifiers for presence of bacteria.

Much as you have shown confidence in our product, we as manufacturer of Smith UF doubly assure you to deliver an extremely high value for your money. In fact we are the first company in India which empowers the user to self Check the water from the unit for any presence of bacteria. Thus initiative is part of our promise of assured delivery of 100% safe water from the units.

These units are fairly easy to use device. However as matter of records and to give you the maximum out of the unit, we shall much appreciate if you can use following guidelines / precautions during use. This will ensure that you continue to get our defined purity levels in filtered water for a much longer duration.

1. Before Installations of the UF Membrane submerge it in 4 lts of water with 10 drops of membrane cleaning solution.
2. The unit needs to run for approx. 30 minutes without using water coming out of it for Drinking.
3. The membranes need cleaning once in 3 months for units employing PP sintered pre filters and for other models every 400lts (or earlier if the flow of water from the unit reduces substantially). It depends on your feed water quality. Smith UF is designed to give you a flow rate of a minimum of 750 lts / day / Bar (on a 24 hr running basis). However the out put is matter of water quality at the source or point of use.
4. Higher flow rates can be achieved by integrating UF modules in parallel with the main unit or inside the units.

Warranty

1. The product warranty is against any manufacturing defects for a period of one year from the date of purchase. Please ensure to get the stamp with date of purchase of your dealer on the following warranty card.

Disclaimers

1. The company's liability under this warranty shall be limited only to the manufacturing defects observed under normal usage conditions specified above.

2. Under no circumstances the company's total liability shall exceed the price of the unit paid by the customer.

3. The company has manufactured the product under strict quality control & the warranty / Guarantee of the product is in two fold. 12 months warranty against any manufacturing defects and 24 months Prorate guarantee for the out put quality of the water it is advised to ask for Bacterial slide (**Two kits are provided with all units**) test kit on payment basis from company. Only two free services will be provided during first six months of use during the year. On call complaints will be attend with 36 hours without charges for first year and there after @ Rs.300 / call, any further spare/ Bacteria test kit etc shall be delivered on payment basis only.

Warranty Card unit No.

Unit No.....Installed by.....

Customer's Name.....

Date of PurchaseInvoice No.....

Address.....

.....

Sellers Stamp and phone no.....

Accepted in good condition

Signature of the customer

Prorata Warranty Clause

Units that are sold with Prorate Guarantee for Ultra filter membranes, the warranty cost implications should be read as follows. Since the company guarantee's the output quality for 24 months from the date of installation on prorata basis for the UF membrane life, subject to standard procedures of use and maintenance, the cost implications on the unused part of the guaranteed period within 24 months shall be as follows.

PERIOD OF USE	PARTICULARS	COST IMPLICATION
0-12 months	Free replacement of UF Membrane	Nil-No payments to me made for new UF membrane
13-15 months	On Purchase of New Membrane	90% discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 156 /- for new membrane
16-18 months	On Purchase of New Membrane	80% Discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 312 /- for new membrane.
19-21 months	On Purchase of New Membrane	60% Discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 624 /- for new membrane.
22-24 months	On Purchase of New Membrane	50% Discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 780 /- for new membrane.
After 24 months	On Purchase of New Membrane	10% Discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 1404 /- for new membrane.
After 36 months	On Purchase of New Membrane	NO Discounts on new purchase with Charged service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 1560/- for new membrane.

Warranty for Purchase on New UF Membranes. (Under all the above conditions)

0-6 months	Free replacement of UF Membrane	Nil-No payments to me made for new UF membrane
7-9 months	On Purchase of New Membrane	80% discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 312 /- for new membrane
9-12 months	On Purchase of New Membrane	20% Discounts on new purchase with free service on the MRP of the UF membrane At Present MRP of membrane is Rs 1560/- You Pay Rs 1248 /- for new membrane.

A Comparitive Study for Point of use Smith UF, UV & RO Based water purification devices.

Technology Base Functions	UV based Devices	Reverse Osmosis based Devices	Ultra Filtration based Devices (Smith UF)
Removal of Bacteria	No removal, only DNA Deactivation Max 85-87% in well maintained unit	Full range and 100%	Full range and 100%
Removal of Virus	In effective	Full range and 100%	Full range and 100%
Removal of Suspends Materials	Only above 5 Micron is removed	100%	100%
Removal of fine salt/ Dissolved	Only above 5 Micron is removed	100%	100% up to 100 KD
Electricity	Is essential to run the unit	Is essential to run the unit	Not Required
Moving Parts	No moving parts	DC Motor powered high pump is required	Not Required
UV lamp	Based on Ultraviolet rays	Required to be 100% sure	Not required
Maintenance cost	AMC to be paid every year	AMC to be paid every year	Self maintained
Loss of water	No loss of water	Recovery only 15% max. For every 100 lts input nearly 85% of the water is lost	No loss of water
Spare costs	High	Very High	Competitive
Retention of Vital minerals	Retained	Not Retained	Retained
Suitability for providing purified water	Questionable, Efficiency decreased if proper maintenance is not carried at regular intervals.	Not suitable for Corporation/ Municipal or low TDS water	Most suitable for drinking
Purification of Brackish high TDS water (High hardness) above 700 PPM	Not suitable	Suitable only for High TDS waters if other sources are not available	Not suitable. A domestic softener can be added to soften the water.

Procedure for Cleaning & Precautions during use

1. After closing the main water supply, open the bowls on the main unit, (In storage type the bowls are at the rear of the unit) keeping inside rubber O rings in place with care.

2. Unscrew the PP Sintered Filter / Washable filter from the top of the bowl from the threaded end. Blowing gently in reverse direction will flush the water from in to our direction, resulting in removal of sediments logged on the outer surface of the sediment Filter. Wash the outer surface in running water and thread back the sediment filter. Cautious Do Not Over Thread. The sediment filter can be reused till the it is extremely difficult to blow through it.

3. Unscrew the UF Membrane from the top of the bowl from the threaded end. Hold from the Plastic End under the running shower of water tap and wipe the surface of the membrane softly using a foam/cloth or long bristled soft brush this will remove superfine solids / bacteria deposited on the membrane which you would have been otherwise drinking. Pour 5 drops of membrane cleaning solution in the UF Bowl and membrane and then screw back the cleaned UF membrane gently, back with the bowl. Keep both the bowls little loose till the following condition is achieved:-

Ensure that :-

A. No sharp objects like rings in the fingers etc., Touches the soft surface of membranes.

B. The membrane fibers are not pressed too hard.

C. No water should be allowed to seep in from the top treated end of the membrane.

4. Once both the bowls are thread back (loosely) open the tap and allow the water to over flow from the bowls. This will remove any trapped air in the bowls . Allow water to overflow for 20 sec and then tight the bowls tightly using the bowl spanner, with sediment filter bowl first, followed by the UF bowl. Once both the bowls are tightly screwed. Open the output and allow the water to drains for some time. Now your filter is ready for use.

5. Daily flushing :-

A valve arrangement is given in the bottom of the UF bowl which needs to be operated everyday for 5 - 10 minutes to flush out the bacterial or virus which may give rise to fowl smell. This flushing process to be applied every day for maximum utilization of the purification device.

5. Always wash the hands with soap after cleaning membrane as you may have touched the dead / alive bacteria.

6. While putting the bowl over back, ensure that the O ring is placed in the groove provided on top inside of bowl bottoms.

7. As soon as the bowls are threaded back, the water supply should be started. **These membranes should never be exposed to dry air otherwise the Pores will get clogged.**

8. The activated carbon would need replacement once every four to six months or 3000 lts. Depending upon the quality of input water.

9. The activated alumina in 4 stage models will need replacement every 800-1000 liters of water filtered for places with high fluoride otherwise upon 3000 lts or 3 months as the case may be - where fluorides is negligible, this stage will behave as pre filter.

10. The activated carbon /alumina can be bought from our company at most reasonable fixed price as same will be courier delivered at your door step.

11. Replacement of UF membrane is recommended every 2 years or whenever damaged.

Procedure for Testing the water from any source, inclusive of water filters for Bacterial contamination using Tara aquacheck vial

1. Fill the water to be tested up to 'FILL LINE' and replace the cap.

2. Keep at room temperature (preferably 25° - 37° C) for the specified time below

Temperature Range Average	Incubation Period
30 - 35° C	24 hours
25 - 30° C	24 - 36 hours
25 - 25° C	36 - 48 hours
15 - 20° C	48 - 60 hours



3. Observe for the change in colour of the medium.

4. A) If the content turns black, water is not fit for drinking. Refer to adjacent picture.

B) If the content turns into nay colour than black, it indicates. That water is free of bacteriological contamination.

5. Add few drops of some disinfectant (ie., Dettol, phenyl etc.,) And discard.

Manufacturer's Details:-

1. Development Alternatives.

DA manufacturer H2S vials / strip at its own facility - Tara Environment Monitoring Facility, Delhi under the name of "TARA - Aqua Check". DA has been in this business for 10 years and has supplied in thousands to various customers in India and abroad. They have got the License from National Research Development Corporation (NRDC), New Delhi for its commercialization. NRDC has made mandatory that suppliers / manufacturers of H2S strip kits / vials should obtain a licensing certificate from NRDC, then take necessary training from DRDE Gwalior for its production/Quality control, Etc.,

Development alternatives,
B-32 Tara Crescent Qutab Institutional Area,
New Delhi - 110016, Phone : 011 - 26890380

Filtration Chart

