



WHOLE
HOUSE
WATER
FILTRATION
EXPERT

www.purever.in



maxCLEAN



System Benefits



THINK CLEAR
Off-Colors & Staining



NO MORE UNPLEASANT SMELLS
Rotten Egg Smell



CHLORINE BELONGS IN THE POOL
No "Swimming Pool" Taste



TRANSPARENT HYDRATION
Cloudiness & Turbidity



KEEP THE IRON OUT
Rust & Metallic Tastes

Micro Filtration

MICRO FILTER is a proven technology with its fine micro filtration up to 2 micron to replace the conventional systems (Sand Filter and Cartridge Filter) at "Point-of-Entry" of whole house. Micro Filtration is a hollow fiber filtration process which removes contaminants from a fluid by passing through a micro porous membrane. Membrane filters are surface filters with a precise micro-porous structure.



Membrane
Pore 2 Micron



Flushing &
Backwash System



Latest Japanese
Technology



Turbidity
<1 NTU



3-5 yrs
Life Span



Preserves
Minerals



Flow Rate
upto 3000 L/H



Stainless
Steel Casing

Description	MF System	Sand Filter	Bag Filter	PP Filter
				
Size of Particles can be removed	2 micron	10 micron	10 micron	10 micron
Life of Cartridge / Media	3 years	performance reduces after 6 months	3 to 6 months	2 to 3 months
Replacement Cost	Low	Low	Medium	Higher
Consistency of treated water quality	Not disturbed with high level of particle load neither with pressure and flow	Micron rating and holding capacity disturbed with all mentioned parameters and cant be corrected suitable only for larger particles	Flow and micron rating disturbed with pressure and load of particles and washing disturbs porosity in pp and bag filter	Flow and micron rating disturbed with pressure and load of particles and washing disturbs porosity in pp and bag filter
Size	Compact	Bulky	Bulky	Compact
Mode of system	Fully Automatic	Manual	Manual	Manual
System require backwash operation	Once in a 3 months, Manually,	Regularly, Manually	Not Possible	Not Possible
Aftersale Service	MF has regular flushing option gives least possible contamination	Sand filters having nominal filtration and required regular back wash otherwise contamination gets accumulated.	In bag and pp filter Required replacement of filter on regular intervals All filters are breeding ground for pathogens	In bag and pp filter Required replacement of filter on regular intervals All filters are breeding ground for pathogens

Coconut Shell

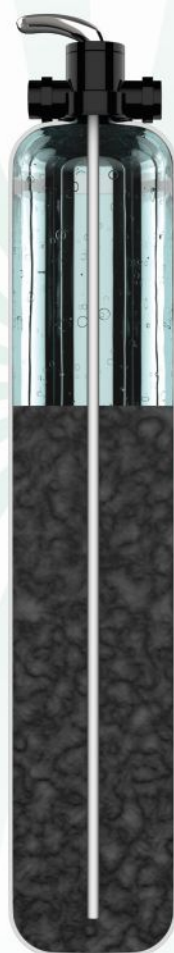
ACTIVATED CARBON FILTRATION

We use the very best acid washed coconut shell activated carbon from around the world. This carbon made from coconut shells is the best media we have found for chemical absorption and producing the best water quality you can have. All our carbon is NSF certified listed for health and safety. Some companies use a coal based carbon which is cheaper but also less effective. It has also come under scrutiny for adding or leaching different types of elements into the water supply.



This System Treats

- ODORS
- COLORS
- TASTES
- CHLORINE
- SEDIMENT
- ORGANIC CHEMICALS
- TRIHALOMETHANES (THM'S),
- VOLATILE ORGANIC COMPOUNDS (VOC'S)
- PESTICIDES AND MORE.



Healthier Water

By filtering chlorine, chloramines, and other contaminants, you'll enjoy cleaner, spring-like water from every tap in the house.

Great Tasting Water

Delivers great tasting, clean, filtered water to every faucet in your home.

No Replacement Filters Needed

Means no replacement filters in the landfill.

No Electricity

Simplifies installation, maintenance and reduces electrical hazards

Less Waste Water

Once in a quarter backwashing required and less discharge of water.

Features and Benefits

- Catalytic Absorption
- Large and extensive internal pore structure
- Highly microporous structure
- Optimized density
- Maximum hardness
- Low dust and turbidity
- Excellent adsorption capacity
- High volume activity
- Rapid dechlorination
- Low filtered water turbidity

ONE OF THE
MOST
RELIABLE
SOLUTIONS
FOR YOUR
FAMILY

System
Removal

BACTERIA AND VIRUS

0.02-0.35 micron

CHEMICAL

0.02 -0.09 micron

ORGANIC MATTER

0.3-3.0 micron

COLLOIDAL SILICA

0.10 micron

RUST

1.0 -100 micron

DECAY MATTER

0.22 – 4.0 micron

maxHYGIENE



MF + Carbon + UF

Purever PVDF hollow fiber membrane module, a pressured type hollow fiber UF (Ultra Filtration) membrane module, effectively removes suspended solids and microorganisms such as pathogens, when used for various types of water treatment. The UF system has a 0.01 micron Ultra Filter that substantially reduces particles in the water.

Advantages

1. Water Purity of up to 99.99%
2. Filtration Density of 0.01 Microns
3. Self-Cleaning Backwash and Flushing Function
4. Recommended 2-5 Years To Change The Hollow Fiber Membrane
5. Quality water supply for your whole household



Standard Salt-Based Softener Technology

Changes water hardness levels by replacing calcium and magnesium with salt.



Work on Hardness Chemically

Hardness is the quality of scaling salts present in the water, which are mainly composed of low solubility salts of calcium and magnesium. These salts due to its chemical properties, have a tendency to precipitate, producing scale on pipes and obstructing them as they accumulate in this way the hardness has a higher tendency to scale on electrical resistors and to precipitate into heaters when temperature increases.

How does Salt-based Softener help?

Water softener is carried out by the means of ion exchange process. In this process, the system uses resins with a chemical capacity to capture calcium Ca and Magnesium Mg ions and remove them from water. When calcium and Magnesium ions are captured by the resin, two sodium Na ions are released, which due to its chemical properties produces salts with the higher solubility avoiding all the hardness related problems.

Simply Soft **Salt-Free** Softener Technology

Protects plumbing and hot water heaters from scale buildup without lowering water hardness levels.



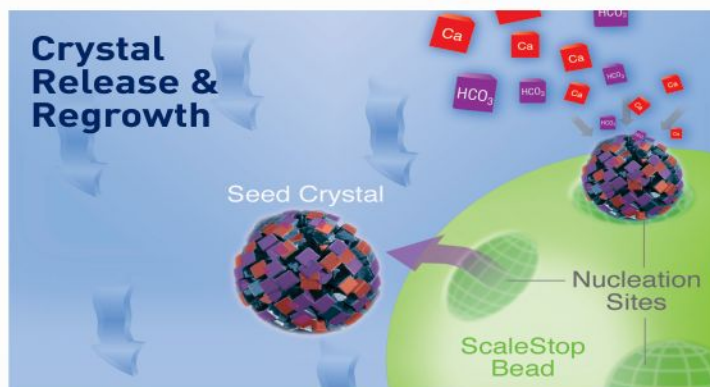
Work on Scale Physically

Scale is primarily composed of calcium, magnesium and bicarbonate. Scale deposits grow over time and are highly insoluble, making scale extremely difficult to remove once formed and often leading to costly remediation efforts. Hard water contains a high scale content.

How does Salt-Free Softener help?

Salt-Free Softener uses template assisted crystallization (TAC) to attract hardness minerals and convert them into harmless "soft" scale particles that do not stick to pipes and components. The harmless crystals will not stick to your pipes, tankless water heater or other downstream components. Purever Softener achieved a 99.6% effectiveness rating in scale prevention.

healthySOFT



Salt Free TAC

How does Purever TAC work?

Purever offers a revolutionary new process called TAC (Template Assisted Crystallization). TAC media granules provide nucleation sites that cause dissolved calcium, magnesium and bicarbonate to combine into microscopic crystals. Once formed, these crystals detach from the media, and flow freely through the system. However, instead of forming typical calcite crystals (normal mineral scale), the template surface guides the formation of a crystal structure that does not stick to surfaces.

Benefits



Go Salt-Free!

Unlike traditional salt-based water softeners, PureverNext systems use no salt, potassium or other chemicals to treat hard water. Our industry best salt-free or TAC media reduces the effects of hard water without adding harmful and unhealthy sodium to the water supply.

Protect Appliances, Pipes and Plumbing

Acts as a shield, preventing scale formation on water heaters, appliances and fixtures. The system will also help reduce existing scale problems.



Whole-House Long Term Saving

Salt-based softeners require monthly salt exchanges as well as electricity and water use that add up to thousands of rupees a year. PureverNEXT systems require a low installation cost and no operating or costly maintenance compared to salt-based systems.

Healthier Water

Salt-free softening means a reduced intake of sodium in your diet compared to traditional water softeners. Clean, quality water from every faucet, showerhead and appliance in your home.



Water Chemistry Specifications

- pH : 6.5 to 8.5
- Max. Hardness : 400 ppm hardness
- Temperature : 40 to 110° F (5-43° C)
- Max. Chlorine : <3 ppm
- Max. Iron, ferrous : 0.3 mg/l

- Max. Manganese : 0.05 mg/l
- Max. Copper : 1.3 mg/l
- Oil & H₂S : Remove pre TAC
- Polyphosphate : Remove pre TAC



nextScaleStop is
tested and certified by the
Water Quality Association to
NSF/ANSI Standard 61.



Testing performed by the German
Technical and Scientific Association for
Gas and Water (DVGW) according to the
DVGW Standard W 512.





maxSOFT



Features

ROBUST CONSTRUCTION

Cool looks and Style which is a perfect fit for the modern home. Design details with good feel, both aesthetic and practical.

CONTROL VALVE

Mechanical metered volumetric timer based automatic valve for precise operation, controlling and regeneration

RESINS

Imported premium food grade resins - high ion exchange efficiency, long life, high volume mineral tank that provides longer life.

CERTIFICATION

Control valve is component listed with NSF - safe, reliable and long lasting.

Purever Salt Based Softener

Purever treated water is in perfect balance and harmony with our lives our home and the environment. Our water softener are designed with that goal in mind providing you proven technology and unmatched performance. The system contains automated flush micro filtration which increase the life and efficiency of resins. The Mirco Filtration protects the resins from sand, mud and turbidity-avoiding unnecessary and replacements saving your time, money and energy.

Benefits



Skin & Hair

Bathing in soft water is gentler on your skin & hair because the minerals that cause scum and curd deposits have been removed to leave your skin free to breathe.



Water Heater

Softened water maintains your water heater by preventing rock like scale-up, thus saving you significant dollars in energy costs and a much longer life for your water heater.



Dishes, Glassware and Silver

With soft water, you don't need to use as much soap as before. When you use less soap or detergent, rinse with soft water and your dishes, glassware and silver will dry spot free.



Saves Money & Work

Soft water saves on soaps, shampoo and detergents. Easier housekeeping in bathroom, toilets and showers.



Faucet and Shower

Water that is free of hardness and rust mineral will prevent faucet and shower scale buildup that restricts the water flow and causes valve leakage.



Better Laundry

Softened water eliminates hard water stains and significantly reduces rust colored stains from iron. Keep the brilliant color of your clothes and get whiter whites.

Specification and Operating Data

Description	MODEL 1	MODEL 2	MODEL 3	MODEL 4
Vessel Size	10 x 54	13 x 54	14 x 65	18 x 65
Resin Volume	1.75 Cu. feet	3.0 Cu. feet	4.6 Cu. feet	7.2 Cu. feet
Regeneration Time (200 Hardness)	12000 Litre	22000 Litre	35000 Litre	50000 Litre
Salt use	6-7 Kg	12 Kg	18 Kg	28 kg
Recharge Time Automatically	60 minutes	60 minutes	60 minutes	60 minutes
* Recharge * Backwash * Rinse				
Litre per hour capacity	1500 LPH	2500 LPH	3500 LPH	3500 LPH



I care
My Family
and what
about YOU!



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