



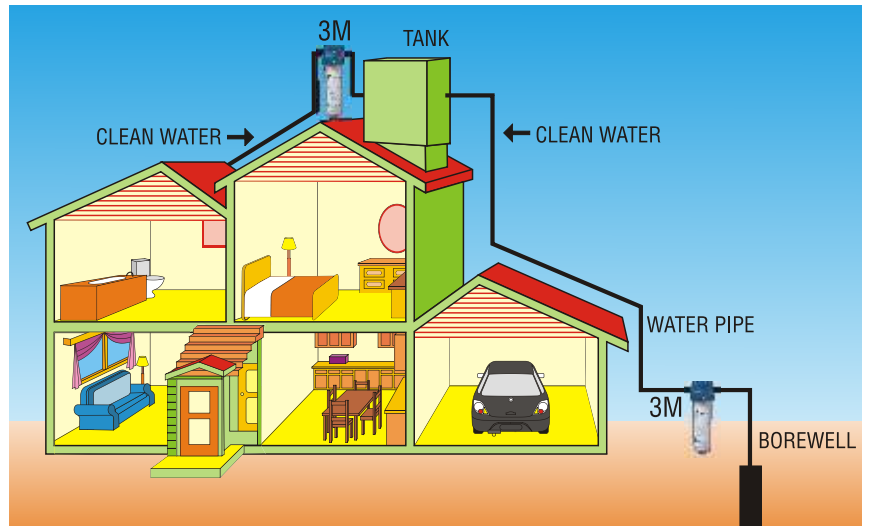
3M

3M Whole House Filtration Systems

Clean and pure is fresh and beautiful.

Sediments are bad news - especially in water. They can lead to harmful, debilitating and in the long run, expensive after effects. In short, not good news. Now, there is an internationally proven solution for this.

3M Water Filtration systems works at the 'point of entry' and effectively improves taste and reduces odour apart from ensuring that there is no scaling on water using appliances and fixtures. These cartridge systems are smaller and use a replaceable filter.



*3M Water Purification System can be fitted either after the overhead tank or after the borewell sump.

WHY IS SEDIMENT A CONCERN

Sediment can cause a variety of problems from cloudy water, to stains, to damage of plumbing fixtures and appliances that use water.

Homes with well water frequently have an undesirable level of sediment in water. Even homes with municipal

water may have problems due to older water supply pipes and water service interruptions such as hydrant cleaning or new construction in the area.

The smell and taste of a homes water supply can be improved by using a whole house system with a carbon media filter.

HOW DO YOU BENEFIT?		SAVE ELECTRICITY		GET CLEANER LAUNDRY	
	INCREASE LIFE OF YOUR EXPENSIVE FIXTURES		GET CLEAN HAIR AND BODY WASH		ENJOY ABSOLUTELY PURE WATER

WHAT DO OUR CUSTOMERS SAY?

<p>"Ever since I started using your product, I no longer have to soak our 5 pairs of white socks overnight daily. As a housewife, it is all such a relief." - Mrs. Shah, Housewife</p>	<p>"I am very impressed by the team during installation and post purchase. The water purity problems at home have been nearly solved. My family is happy as well." - Subal Saini, Associate Consultant</p>	<p>"We were surprised to see the results after installing AP141T. Now we get sediment free water and all our water using appliances are working much better." - Manjinder Singh Mann, Technical Architect</p>	<p>"Now we experience much better wash. Thanks to the 3M Whole House filter that we installed in our house." - Risha Madineni, Financial Analyst</p>
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Manufactured from FDA CFR-21 compliant materials

Whole House Water Filtration Systems

AP904

- ❖ High Flow SQC Filtration System
- ❖ 304 SS Head
- ❖ One year electronic countdown timer included
- ❖ Larger homes/Light commercial applications
- ❖ To be used at the Point of Entry
- ❖ Included cartridge AP917HDS (5 micron),
- ❖ Reduces sediment, rust, precipitated scale, precipitated iron/minerals
- ❖ Scale Inhibition
- ❖ Chlorine Taste and Odour*.

AP904



AP802

- ❖ Large Diameter Heavy Duty Plastic Housing Filtration System
- ❖ Larger homes/Light commercial applications
- ❖ Pressure relief button
- ❖ Choose from selection of replacement cartridges for custom filter application
- ❖ To be used at the Point of Entry (Cartridge model recommended AP810-2 5Micron)
- ❖ Reduces:
 - Sediment
 - Precipitated rust
 - Precipitated Scale
 - Precipitated iron/minerals
 - Chlorine Taste and Odour*.

AP802



Whole House Water Filtration Systems

3M™ Whole House Filtration Scale Inhibition Systems

3M offers multiple solutions to help reduce scale inhibition:

AP801C / AP801TC

- ❖ Large Diameter Heavy Duty Plastic Housing Filtration System
- ❖ For large homes/light commercial applications.
- ❖ Pressure relief button
- ❖ Choose from selection of replacement cartridges for custom filter application
- ❖ Transparent housing in AP801TC for easy viewing of cartridge
- ❖ To be used at the Point of Entry. Included Cartridge model AP810 5 Micron
- ❖ Reduces:
 - Sediment
 - Precipitated Rust
 - Precipitated Scale
 - Precipitated iron/minerals
 - Chlorine Taste and Odour*.



AP801TC

AP801C

AP141T

- ❖ Standard Diameter Plastic Housing Filtration and Scale Inhibition System
- ❖ In built shut off valve
- ❖ Transparent housing for easy viewing of cartridge
- ❖ Choose from selection of replacement cartridges for custom filter application
- ❖ To be used at the Point of Entry or individual water using appliances.
- ❖ Included Premium AP 420 Cartridge (5 micron),
- ❖ Reduces sediment, rust, precipitated scale, precipitated iron/minerals, Chlorine Taste and Odour. (Dependent upon Cartridge Selected)
- ❖ Scale Inhibition
- ❖ Whole House water filtration / for individual water using appliances
- ❖ AP420 Cartridge has polyphosphates sequester that binds hardness minerals preventing them from precipitating or building up on surfaces.
- ❖ AP420 cartridge helps to eliminate hardness buildup and corrosion.
- ❖ Maintains efficiency and helps extend life of all Water/ Hot water using systems

AP141T



AP430SS

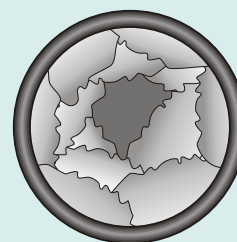
- ❖ Scale Inhibition System
- ❖ Stainless Steel Head
- ❖ To be used at the Point of Entry or Individual water using appliances.
- ❖ Comes with AP431 Cartridge that has polyphosphates sequester that binds hardness minerals preventing them from precipitating or building up on surfaces.
- ❖ AP431 cartridge helps to eliminate hardness buildup and corrosion.
- ❖ Maintains efficiency and helps extend life of all hot water using systems

AP430SS



How 3M Filtration systems fix scaling?

- Helps reduce scale build-up in pipes and plumbing fixtures
- Helps reduce acidic water conditions that can lead to pipe and plumbing fixture corrosion
- Uses tasteless, odorless, colorless and FDA approved scale reduction media
- Has no negative impact on septic systems
- Can help reduce energy costs associated with heating water
 - a 1/8" build-up of scale on pipes can increase energy costs by up to 27%



*Dependent upon Cartridge Selected

FAQS

1. Transparent or Opaque Housing?

Systems using either transparent or opaque materials help provide equal levels of filtration. With a transparent housing system one can see the filtration system working and have a visual indication of when the cartridge needs to be replaced.

2. What is the life of Replacement Cartridge?

Life of filtration cartridge depends upon sediment levels of the water. In high turbid water conditions, the life will be lower and in low turbid water conditions the life will be longer.

3. When do we need to change the Cartridge?

You need to change the cartridge when you experience drop in water pressure/flow rate. In transparent housing systems you can see the working of filtration cartridge. This gives visual indication for cleaning/changing of cartridge.

4. What's the deal with flow rates?

The larger the diameter of the housing, the higher flow rate it can handle. In addition large diameter cartridge will generally last longer and have higher sediment capacities, meaning less frequent cartridge changes, thereby saving time and money. You can also install two systems in parallel to handle higher flow rates.

5. How do we select the best system suitable for us from various models available?

Selection of best suited model will depend upon factors like daily water consumption, flow rate of water from your existing water source.

6. What if we need customized water Filtration as per water quality of our water source?

Most of our water filtration systems come with 5 micron sediment cartridge. Some of the systems have cartridges meant for scale inhibition as well. However the systems can accommodate various kinds of cartridges based upon your specific requirement.

7. How are the cartridge based Scale Inhibition systems in comparison with Water Softeners?

	3M WHOLE HOUSE FILTRATION & SCALE INHIBITION SYSTEMS	WATERE SOFTNERS
Water Filtration	Yes	No
Level of Filtration	Very High. 5 Micron Filtration. Best kind of Filtration levels for clean and clear water for entire house. Filtration levels can be customized by using various kinds of cartridges available.	No
Scale inhibition	Yes	No
Rust Inhibition	Yes	No
One time Installation / Fixed Cost	Low	Very High ₹ 40000/- to ₹ 60000/- for a family of 4-6 people
Water Hardness /TDS	Does not changes TDS but inhibits hard water to cause problems	Are designed to remove hardness, for predetermined flow & throughput does not alter TDS
Installation / Ease of Operation	Very easy	Complex
Cartridge Life	6 months to 12 months upon sediment in water	NA
Maintenance Cost	Minimal. Only the cartridge needs to be changed	High. Regular Salt regeneration needed

8. Whom do you I contact to get a replacement cartridge/ installation / servicing or other queries?

Please call the 3M Toll free no. 18004253030 for any queries and we will be more than happy to help.

Specifications

Model Number	Included Cartridge	Housing	Cartridge Model No	Max Temperature**	Max Pressure**	Flow Rate*	Connection Size
AP904	Yes	Opaque	AP917HDS	100°F (37.8°C)	125 psi (862kPa)	upto 75 lpm	1" NPT
AP802	No	Opaque	AP810-2	100°F (37.8°C)	100 psi (689kPa)	upto 170 lpm	1" NPT
AP801C	Yes	Opaque	AP810	100°F (37.8°C)	101 psi (689kPa)	upto 75 lpm	1" NPT
AP801TC	Yes	Transparent	AP810	100°F (37.8°C)	102 psi (689kPa)	upto 75 lpm	1" NPT
AP141T	Yes	Transparent	AP420	100°F (37.8°C)	125 psi (862kPa)	upto 37.8 lpm	3/4" NPT
AP430SS	Yes	Opaque	AP431	100°F (37.8°C)	125 psi (862kPa)	upto 37.8 lpm	3/4" NPT

*Flow rates dependent upon cartridge selected.

** Housing temperature/pressure ratings dependent upon cartridge selected.

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