



**HOME**  
WATER FILTRATION

## Introducing the range of 3M Home Water Solutions

From utility water to drinking water, purify  
every drop of water that touches you.



# Do you think the water you use is pure?

Did you know every drop of water, not just drinking water you use, needs to be pure? As we have progressed and improved the way we live, the environment around us has been compromised. This has forced us to fight a constant assault of toxic substances that are also now in our water, making it impure. If you have experienced any of the problems below, then your water is definitely impure.

## Problems Faced

### **Sedimentation:**

Dirt and mud accumulate in the water system of our house. While we may not notice it, it clogs our pipelines, taps and showers.

### **Chlorine:**

Chlorine is commonly used to treat the water that we use at home. However when used in high concentration, it leaves an undesirable taste and odour. This diminishes the refreshing property of pure water.

### **Germs:**

The water we drink, often has various water borne bacteria lurking in it. This causes diseases like diarrhea. While we try to provide our families with clean drinking water, it is difficult to assure safety.

### **Hardness:**

The presence of minerals like Calcium and Magnesium in high percentage can cause various issues in our homes. These minerals stick to pipes and fixtures, causing white scales or lime scales that are not just ugly, but result in clogging and deterioration of pipes.



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# **Whole House Water Softeners & Filters**

# Take charge of your water!

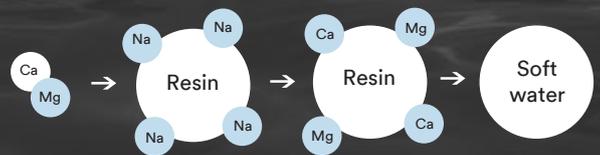
At 3M, we believe in innovation to enable progress and improve lives. So, if your water is impure, we offer 3M Home Water Solutions for apartments and villas. Our wide range of solutions are designed to keep you safe from harmful effects of water throughout your house.

## 3M Technology

### Hardness

#### Ion-Exchange Technology

3M Fully Automatic Water Softeners work on ion-exchange technology. High quality, long lasting resin, removes hardness causing elements giving you soft water.



#### Sequestering Technology

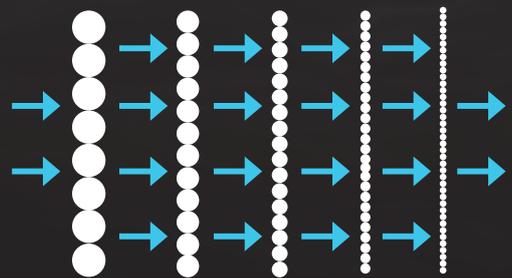
Food grade media dissolve in water and encapsulate hardness ions to make them inert. The silicates also coat pipes and fixtures to prevent internal scaling and corrosion.



### Sediment

#### Filtering

Thicker grooved filtration medium leads to longer life and better performance. It removes all impurities bigger than 5 microns with minimal pressure drop and prevents faster choking.



### Chlorine

#### Pre-Activated Carbon

Adsorbs like a sponge and attracts like a magnet. It uses catalysis to capture chlorine, and provide chlorine-free and odour-free water.



# Hardness

## Hard water affects your home and health

Water comes from a variety of sources including borewells, tanker, etc. The quality of this water is questionable and increasingly hard.

Hard water causes a lot of damage to not just your home (taps, appliances, plumbing), but also your health (hair and skin).

## Harmful effects of Hardness

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### **Skin Damage**

Hard water makes your skin dry, leading to irritation



### **Hair Damage**

Hard water leaves salts on your hair making them rough and tangly.



### **Scaling**

Salts in hard water deposit on your fixtures and pipes, ruining the aesthetics of your kitchen and bathroom.



### **Clogging**

Hard water causes clogging in pipes harming the effectiveness of your appliances.



### **Reduces Life of Appliances**

Hard water causes scaling in pipes and heating elements harming the effectiveness of your appliances.



### **Staining**

Salts in hard water deposits on the floor making them look unclean.

# 3M Fully Automatic Water Softeners

A one-time investment to protect you from hard water effects.



**Ion-Exchange  
Technology**



**Programmability**



**Intelligent  
Auto-regeneration**

## Install and Forget

With 3M Water Softeners, all you need to do is plug it in!  
With the auto-regeneration feature, our water softeners bring you maximum quality, with minimum intervention.



## Complete Control

3M Water Softeners give you complete control with NSF-listed, globally best-in-class, High Quality Control Valve (operation based on time and flow rate along with a built-in bypass valve).

## Reliable Resin

3M Water Softeners use high-efficiency and high-performance food grade resin. A built-in strainer prevents any resin leakage, eliminating the frequent need to top up the resin.

## Enhanced Function\*

Suitable for high hardness levels of upto 2000ppm. In addition to removing hardness causing ions, it also removes iron (up to 3ppm) hence preventing resin fouling from heavy metals.

\*as tested in lab conditions specific to SFT200Fe.

Product code:  
SFT200, SFT200Fe

# 3M Fully Automatic WTS Water Softeners

Affordable & efficient solution to all hard water problems.



Ion-Exchange  
Technology



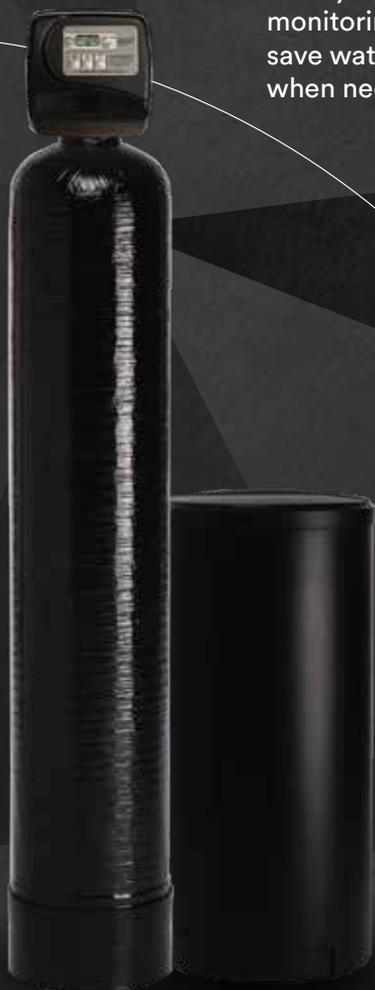
Programmability



Intelligent  
Auto-regeneration

## State-of-the-art-Valve

Our system includes a state-of-the-art valve that allows monitoring and control of every function. The valve helps save water by regulating use and self-regenerating only when necessary.



## Trouble-free Design

The superior performance brine tank, featuring a durable design, provides a virtually trouble-free operation.

## Low Maintenance

Our system design helps provide long-term operation, reducing frequency of maintenance. Quality factory support and customer service is readily available.

## High Performance

The 3M water softener is a high functioning, high capacity system. Our technology ensures you get the best output at the best price.

Product code:  
IAWTS28L, IAWTS42L,  
IAWTS57L, IAWTS85L

# 3M Fully Automatic WTS Prime Water Softeners

A wholesome water treatment system for you community.



**Ion-Exchange  
Technology**



**Programmability**



**Intelligent  
Auto-regeneration**

## State-of-the-art-Valve

Our system includes a state-of-the-art valve that allows monitoring and control of every function. The valve helps save water by regulating use and self-regenerating only when necessary.

## Low Maintenance

Our system design helps provide long-term operation, reducing frequency of maintenance. Quality factory support and customer service is readily available.

## High Performance

The 3M water softener is a high functioning, high capacity system. Our technology ensures you get the best output at the best price.

## Soft Water Always

Our system enables you to enjoy 24/7 uninterrupted supply of soft water without a break time for softening.

## Limitless Volumes of Soft Water

The system has no limitation on number of daily regeneration it can undergo, hence ensuring no cap on your society's daily water consumption.

Product code:  
IAWTS 57T, IAWTS 85T



# 3M Scale Prevention Systems

Effective & inexpensive solution to hard water scaling problems.



Sequestering  
Technology



Depth  
Filtration

## 2-in-1 Action

Provides sediment filtration up to 5 microns and also prevents scaling by encapsulating hardness causing Calcium and Magnesium ions.

## Zero Water Wastage & No Electricity Needed

Complete green building product.

## Food Grade Material

Unit is manufactured from FDA CFR-21 compliant material.

## Compact in Size

Can be easily dismantled and carried along.

## Withstand High Pressure

Can withstand pressure up to 7 bar.



Product code:  
IAS141T, IAS102T, IAS430SS

# Sediments

Don't let dirty water affect you

You consume water even while brushing and bathing. Can you imagine the water being dirty and muddy? Look closely, the water you bathe with has a lot of impurities from mud and dirt to rust from pipes, and is filled with suspended particles.

## Harmful effects of Sediment

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### **Skin Damage**

Sediments in water come in contact with your skin causing irritation and dryness..



### **Hair Damage**

Sediments in water deposit on your scalp, making your hair rough.



### **Clogging**

Muddy water clog your fixtures and pipes, requiring frequent maintenance.



### **Staining**

Sediments in muddy water deposit on your floor, discoloring them.

# 3M Whole House Filtration System

Clear water throughout the house, like it should be.



Depth  
Filtration

## High Performance

Thick grooved filtration medium enables removal of visible and invisible sediment particles up to 5 microns.



## Zero Water Wastage & No Electricity Needed

Complete green building product.

## Food Grade Material

Unit is manufactured from FDA CFR-21 compliant material.

## Compact in Size

Can be easily dismantled and carried along.

## Withstand High Pressure

Can withstand pressure up to 7 bar.

Product code:  
IAS801F, IAS802F

# 3M Fully Automatic Backwash Systems



Multi-Graded



Multi-Layered



Multi-Media



Backwashing Systems



Fully automated system with flexible backwashing based on concentration of impurities.

Filters and diminishes suspended particles up to 20 microns.

Matches flow rates with 3M SFT/WTS water softener series for effortless sizing and installation.

Lowest pressure drop due to superior grade media.

Product code:  
IABWS42L, IABWS57L,  
IABWS85L

# Chlorine

## Don't struggle with bad smelling water

Are you suffering from weird smell in your water. If the smell of the water is similar to bleach then it is because of presence of chlorine in your water. Municipal water most often comes treated with chlorine which acts as a disinfectant to prevent water borne disease.

However over-chlorination can leave the water with a bad taste and odor. It can cause skin tanning and irritation in your eyes.

## Harmful effects of chlorine

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### **Skin Damage**

Chlorine damages your skin making it feel dry. It causes skin tanning along with burning sensation in eyes.



### **Hair Damage**

Chlorine makes your hair brittle and frizzy.



### **Strange Odour**

Chlorine leaves the water with undesirable taste and odour.

# 3M Chlorine Removal Systems

Zero chlorine water for fresh use.



Pre-Activated Carbon technology

## NSF Certified

Tested and certified with NSF for chlorine reduction.



## Zero Water Wastage & No Electricity Needed

Complete green building product.

## Food Grade Material

Unit is manufactured from FDA CFR-21 compliant material.

## Compact in Size

Can be easily dismantled and carried along.

## Withstand High Pressure

Can withstand pressure up to 7 bar.

Product code:  
IAS802C

# **Drinking Water System**



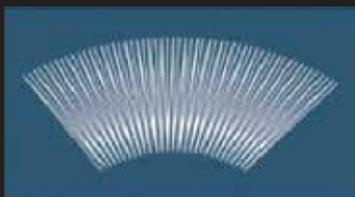
# 3M Proprietary I.M.P.A.C.T. Technology

(Integrated Membrane Pre-Activated Carbon Technology)



## Smart Cartridge Indicator

System comes with a dedicated faucet and intelligent tracking system, providing a visual for cartridge change. Now you can change the cartridge when required, not unnecessarily.



## Pre-filtration

Uses premium pleated membrane that reduces dirt, rust and particulate matter.



## Fine-filtration(IMPACT)

“Integrated Membrane with Pre-Activated Carbon Technology” with patented pharmaceutical-grade membrane removes 99.99% of all water borne Bacteria, Cysts and Volatile Organic Components(VOCs).

# 3M Safe Kitchen

2 lakh<sup>1</sup> litres of pure water for your entire kitchen need.

## 99.99% of Bacteria Reduction<sup>2</sup>

99.99% Bacteria Reduction<sup>2</sup> using I.M.P.A.C.T. Technology. You get 2 lakh liters<sup>1</sup> of Pure Water ideal to drink, cook, wash your vegetables etc.

## Chlorine Removal

Pre-activated carbon technology removes chlorine taste and odour ensuring RECIPE QUALITY WATER retaining the taste of your food.

## Retains Minerals

Retains essential minerals naturally.<sup>3</sup>

## Minimal Maintenance

Patented Sanitary Quick Change Technique for quick and easy maintenance of cartridges.

## Zero Water Wastage & No Electricity Needed

The product leaves you guilt free towards the environment by not wasting single drop of water and by not consuming any electricity.



Product code:  
IAS190S

1. The capacity mentioned is only applicable for chlorine, cyst and particles(NSF Class 1) reduction.
2. As tested with E Coli ATGG(112299) or psuedomonas (B) diminuta (19146).
3. For best results install the system upto a TDS of 500 ppm.

# 3M Ecosip

1 lakh<sup>1</sup> litres of pure water to last a long time-  
Efficiency, Effective & Affordable.

## 99.99% of Bacteria Reduction<sup>2</sup>

99.99% Bacteria Reduction<sup>2</sup> using I.M.P.A.C.T. Technology. You get 1 lakh liters<sup>3</sup> of pure water ideal to drink, cook, wash your vegetables etc.

## Chlorine Removal

Pre-activated carbon technology removes chlorine taste and odour ensuring RECIPE QUALITY WATER retaining the taste of your food.

## Retains Minerals

Retains Essential Minerals naturally.<sup>3</sup>

## Minimal Maintenance

Patented Sanitary Quick Change Technique for quick and easy maintenance of cartridges.

## Zero Water Wastage & No Electricity Needed

The product leaves you guilt free towards the environment by not wasting single drop of water and by not consuming any electricity.



Product code:  
IAS140S

1. The capacity mentioned is only applicable for chlorine, cyst and particles(NSF Class 1) reduction.
2. As tested with E Coli ATGG(112299) or psuedomonas (B) diminuta (19146).
3. For best results install the system upto a TDS of 500 ppm.

# 3M Smart Drinking Water System

A smart system to let you control the water you drink.

## 99.99% of Bacteria Reduction

99.99% Bacteria Reduction using I.M.P.A.C.T. Technology.

## Sanitary Quick Change

Patented SQC mechanism for easy cartridge change within 10 seconds.

## Chlorine Removal

Pre-activated carbon technology removes chlorine taste and odour ensuring RECIPE QUALITY WATER retaining the taste of your food.

## Retains Minerals

Retains essential minerals naturally.

## Zero Water Wastage & No Electricity Needed

The product leaves you guilt free towards the environment by not wasting single drop of water and by not consuming any electricity.



Product code:  
DWS2000T

# 3M EcoDrink

Make purity your way of life.

## 99.99% of Bacteria Reduction

99.99% Bacteria Reduction using I.M.P.A.C.T. Technology.



## Chlorine Removal

High performance activated carbon reduces chlorine taste and odour.

## Sanitary Quick Change

Patented SQC mechanism for easy cartridge change within 10 seconds.

## Retains Minerals

Retains essential minerals naturally.

## Compact Design

Undersink installation keeps your kitchen neat and clutter-free.

Product code:  
IAS-1500B

# Specifications

## 3M Fully Automatic Water Softeners

### SFT

Product code	Resin Volume	Brine tank	Maximum flow
SFT200	28 Litres	Integrated	48 LPM
SFT200Fe	28 Litres	Integrated	48 LPM

### WTS

Product code	Resin Volume	Maximum flow
IAWTS-28L	28 Litres	48 LPM
IAWTS-42L	42 Litres	52 LPM
IAWTS-57L	57 Litres	56 LPM
IAWTS-85L	85 Litres	80 LPM
IAWTS-57T	114 Litres	56 LPM
IAWTS-85T	170 Litres	80 LPM

## 3M Whole House Water Filtration Systems

Product code	Cartridge	Size	Grade	Maximum flow
IAS801F	IAC810	10"	5 Micron	75 LPM
IAS802F	IAC810-2	20"	5 Micron	170 LPM

## 3M Backwash System

Product code	Media Volume	Maximum flow
IABWS-42L	42 Litres	52 LPM
IABWS-57L	57 Litres	56 LPM
IABWS-85L	85 Litres	85 LPM

## 3M Whole House Particulate Reduction & Scale Prevention Systems

Product code	Cartridge	Size	Grade	Maximum flow
IAS141T	IAC420	10"	5 Micron	37 LPM
IAS102T	IAC420	10" x 2Nos.	5 Micron	60 LPM

## 3M Drinking Water System

Product code	Capacity	Flow rate
DWS2000T	3000 Liters	2.8 LPM
IAS-1500B	5678 Liters	2.3 LPM

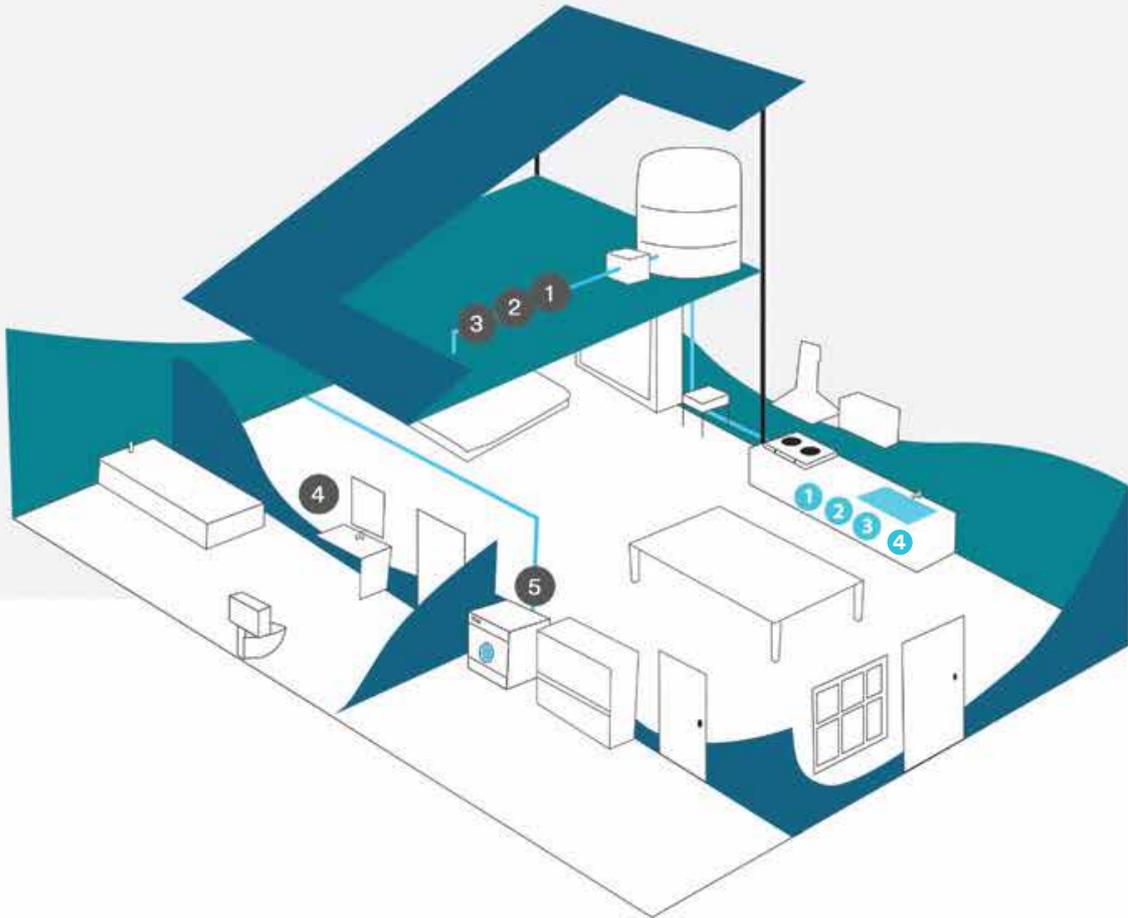
## 3M Whole Kitchen Drinking Water Systems

Product code	Capacity	Flow rate
IAS190S	2 Lac Litres	18.9 LPM
IAS140S	1 Lac Litres	7.9 LPM

## Accessories

Product code	Cartridge	Size	Grade	Maximum Flow
CFS11S	AP110	10"	5 micron	30 LPM

# Product Installation



## Pure , soft water for your home

- ① IAS801F / IAS802F
- ② SFT200 / SFT200Fe / WTS28 / WTS42 / WTS57/WTS85
- ③ IAS141T / IAS102T
- ④ IAS141T
- ⑤ IAS430SS

## Healthy, clean drinking water for your family

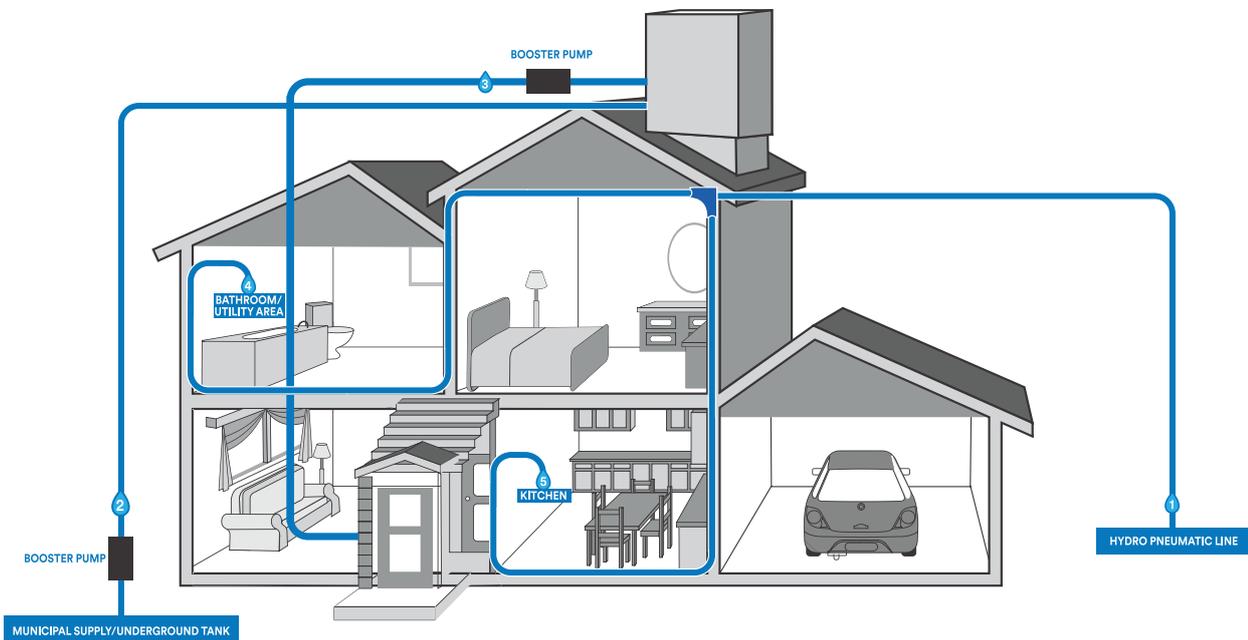
- ① IAS190S
- ② IAS140S
- ③ DWS2000T
- ④ IAS1500-B

# We are part of people's home



# 3M Water Purification System Installation Scenarios

- 1 Hydro Pneumatic Line      2 OHT Inlet Line      3 OHT Outlet Line



- 4 Bathroom/ Utility Area (for apartments)



- 5 Kitchen (For apartments & villas)



**3M India Ltd.**

48-51, Electronic City, Hosur Road, Bangalore-560100

Toll Free Number: 1800 425 425 000 | Website: [https://www.3mindia.in/3M/en\\_IN/water-quality-in/applications/residential-water-filtration/](https://www.3mindia.in/3M/en_IN/water-quality-in/applications/residential-water-filtration/)