

# 96% OF YOUR WATER is IMPURE

DRINKING WATER IS ONLY 4% OF WATER USED AT HOME.  
ACT RESPONSIBLY TOWARDS YOUR FAMILY BY PURIFYING THE REMAINING 96%.





## RETHINK YOUR WATER

Did you know every drop of water you use needs to be pure, and not just drinking water? 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 now also in our water, making it impure. If you have experienced any of the problems below, then your water is definitely impure.

- **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.
- **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 also result in clogging and deterioration of pipes.
- **Chlorine:** Chlorine is commonly used to treat the water that we use at home. However when used in high concentrations, 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 diarrhoea. While we try to provide our families with clean drinking water, it is difficult to assure safety.

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

**Take Charge** OF YOUR **WATER**



## 3M DRINKING WATER SYSTEMS

# DRINK SAFE WATER STRAIGHT FROM THE TAP

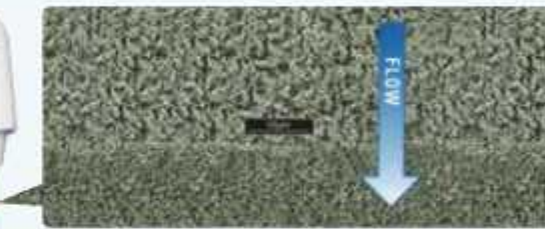
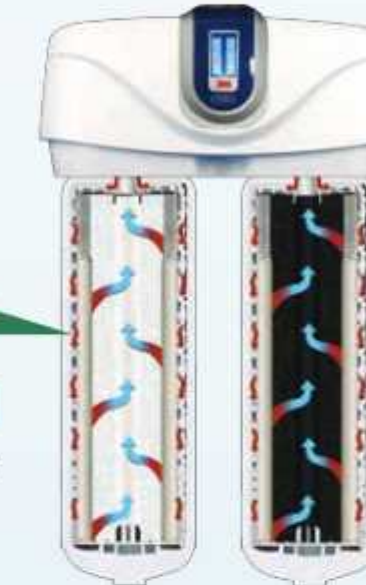
Use the latest technology to keep your family safe and healthy.

## TECHNOLOGY



### 1 PRE-FILTRATION

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



### 2 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).

### 3 SMART CARTRIDGE INDICATOR

System comes with a dedicated faucet and intelligent tracking system, providing a visual and audio alarm for cartridge change.



DWS2000T

## 3M SMART DRINKING WATER SYSTEMS MAKES TAP WATER SAFE TO DRINK

- 3M PROPRIETARY IMPACT TECHNOLOGY
- 99.99% GERM FREE WATER
- UNDER-THE-COUNTER DESIGN WITH DEDICATED FAUCET
- ZERO WATER WASTED
- NO ELECTRICITY USED





● 3M FULLY AUTOMATIC WATER SOFTENER

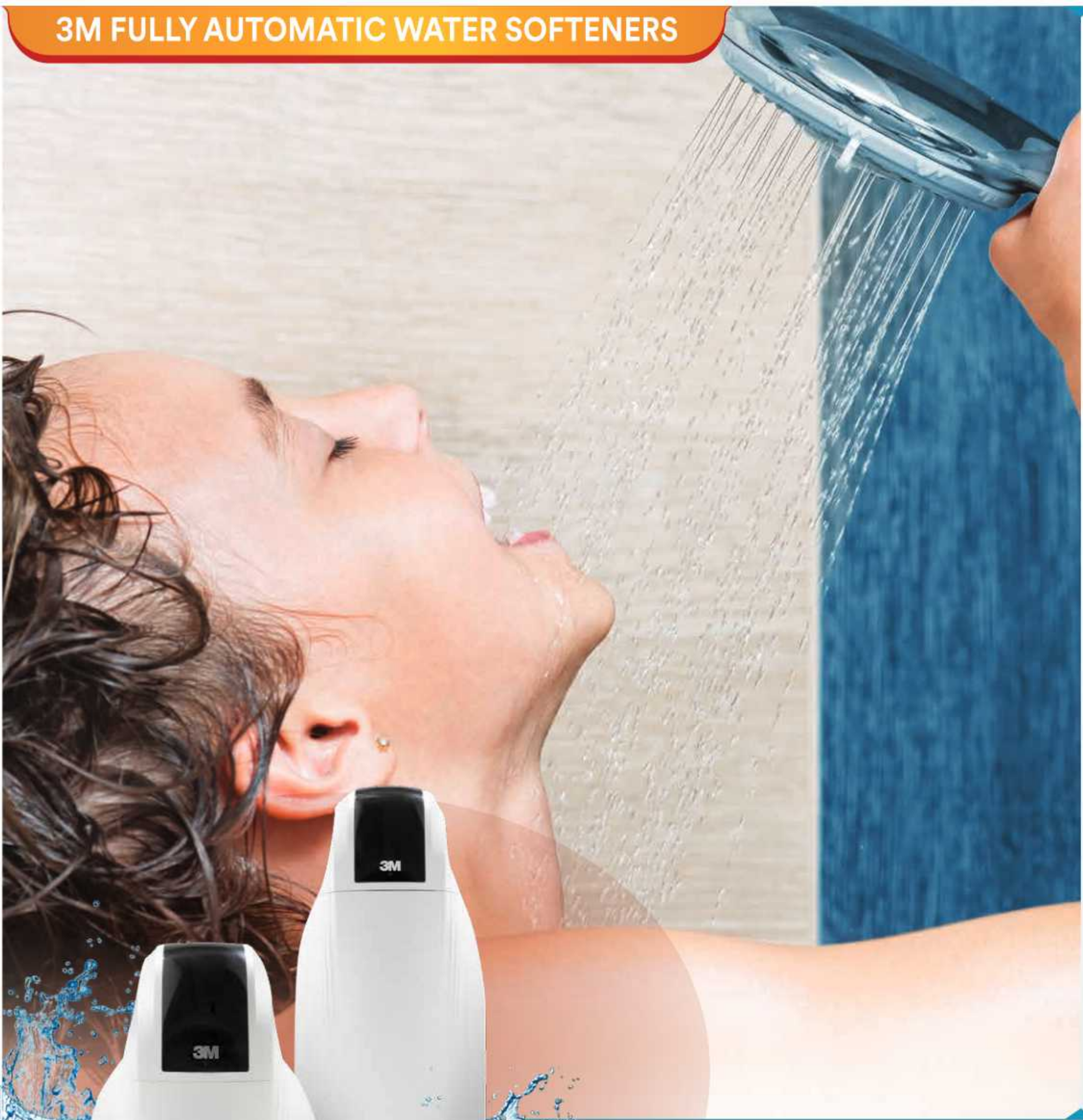
● 3M SCALE PREVENTION SYSTEMS

● 3M CHLORINE REMOVAL SYSTEMS

● 3M APPLIANCE PROTECTION SYSTEMS

● 3M WHOLE HOUSE FILTRATION SYSTEMS

# 3M WHOLE HOUSE WATER PURIFICATION SYSTEMS



## HARD WATER AFFECTS YOUR HOME AND HEALTH

Hard water contains Calcium and Magnesium ions, which have the property of sticking to surfaces. This harms your appliances, hair and skin.



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



Hard water makes your skin dry, leading to irritation.



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

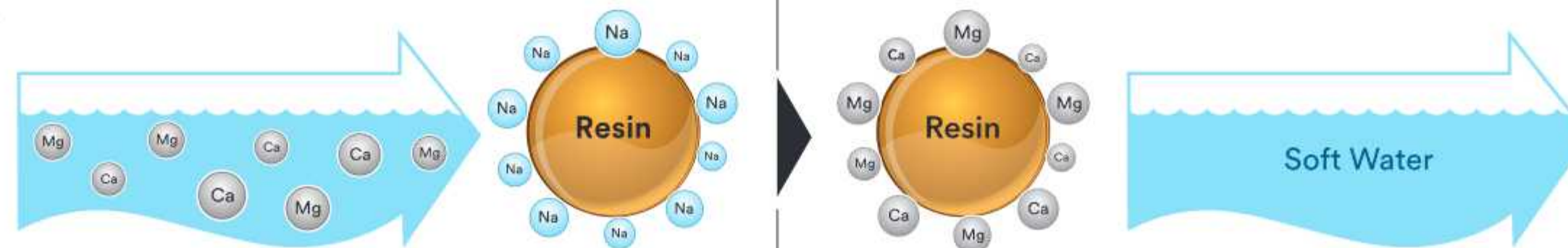


### 3M FULLY AUTOMATIC WATER SOFTENER REFRESHES YOU WITH EVERY WASH.

- INTELLIGENT AUTOREGENERATION CAPABILITY
- HIGH RESIN LIFE
- UP TO 95% SOFTENING
- PORTABLE DESIGNER SERIES PRODUCT



### TECHNOLOGY



#### 1 ION EXCHANGE TECHNOLOGY

3M Fully automatic water softeners work on ion-exchange technology. High quality, long lasting resin blocks Calcium and Magnesium giving you soft water with minimal maintenance.

#### 2 PROGRAMMABILITY

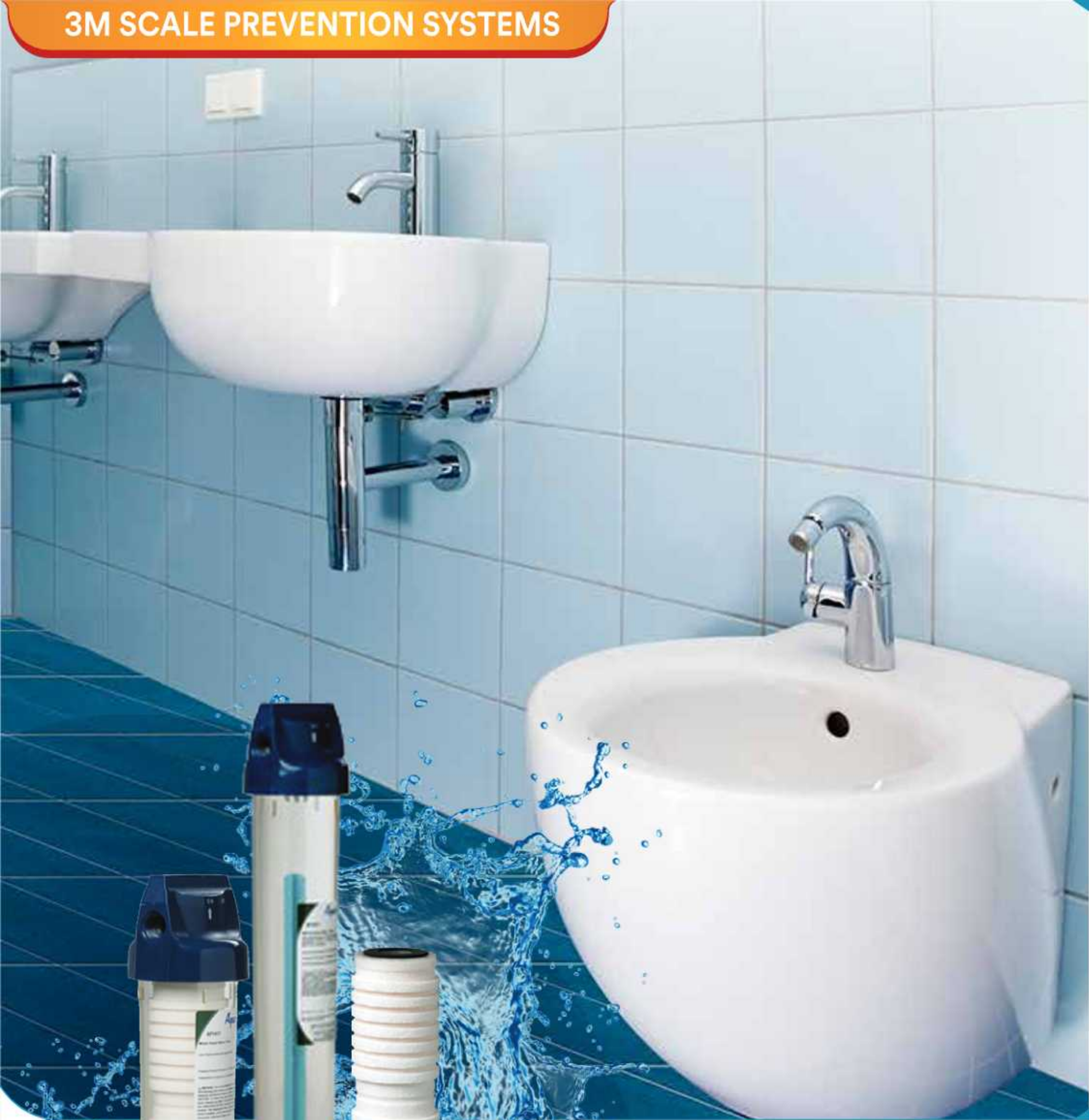
World's best automatic multi-port programmable control valves make the 3M Softeners unique.

#### 3 AUTO-REGENERATION

3M Softeners work with zero manual intervention and is truly fully-automatic.



SFT150, SFT200



## HARD WATER AFFECTS YOUR HOME AND HEALTH

Hard water not only damages fixtures and appliances, but also harms your skin.



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

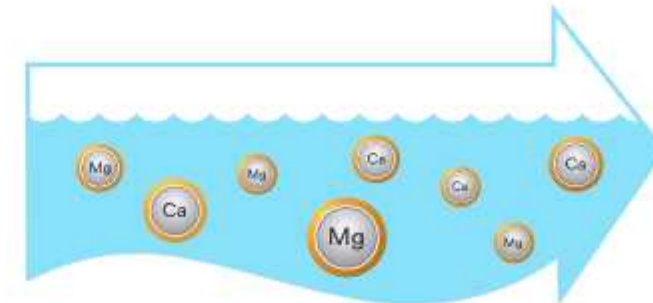
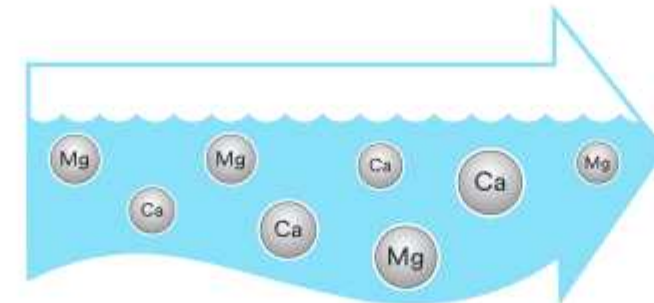


Salts in hard water deposits on the floor making them look unclean.



### 3M SCALE PREVENTION SYSTEM PROTECTS YOUR FAMILY FROM HARDNESS EFFECTS

- 2-IN-1 ACTION - FILTRATION AND SCALE PREVENTION
- UNIQUE SEQUESTERING TECHNOLOGY
- ZERO WATER WASTAGE
- NO ELECTRICITY REQUIRED
- MINIMAL MAINTENANCE



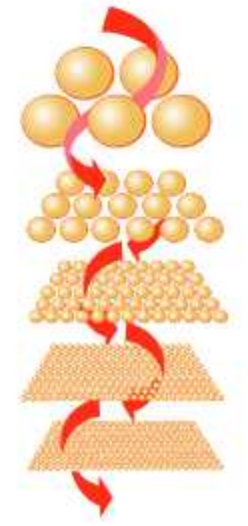
#### 1 SEQUESTERING TECHNOLOGY

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.

#### TECHNOLOGY

#### 2 DEPTH FILTRATION

Thicker grooved filtration medium leads to longer life and better performance. It removes all impurities bigger than 5 microns.



AP141T, AP102T, AP420



AP430SS

# HARD WATER DAMAGES YOUR APPLIANCES

Hard water damages your washing machine, leaving your clothes dull and worn out.



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

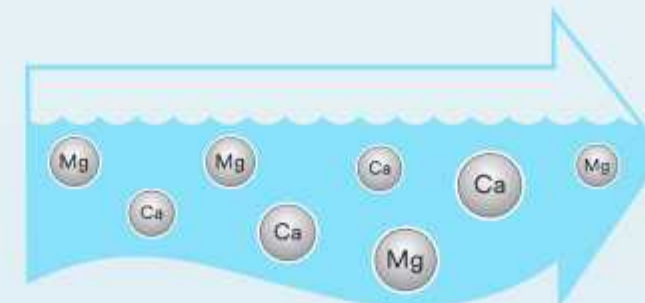
## 3M APPLIANCE PROTECTION SYSTEM PROTECTS YOUR APPLIANCES FROM SCALING



- SPECIFIC FOR APPLIANCES
- UNIQUE SEQUESTERING TECHNOLOGY
- ZERO WASTAGE OF WATER
- NO ELECTRICITY REQUIRED
- MINIMAL MAINTENANCE



### TECHNOLOGY



#### 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.





AP904

**1 PRE-ACTIVATED CARBON TECHNOLOGY**

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



# DON'T STRUGGLE WITH BAD SMELLING WATER

Chlorine leaves water with a bad taste and odour while causing harm to your skin.



Chlorine harms your health causing dry skin and brittle hair.



Chlorine leaves the water with undesirable taste and odour.

## 3M CHLORINE REMOVAL SYSTEM PROTECTS YOU FROM EFFECTS OF CHLORINE



AP904

- 3-IN-1 ACTION: FILTRATION, SCALE PREVENTION, CHLORINE REMOVAL
- UNIQUE HIGH EFFICIENCY PRE-ACTIVATED CARBON
- ZERO WASTAGE OF WATER
- NO ELECTRICITY REQUIRED

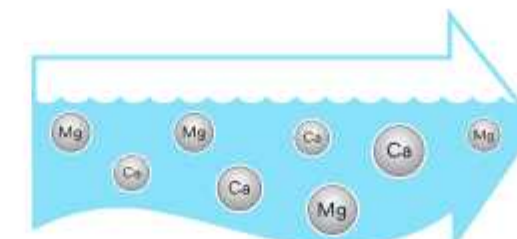


802, 817 CARTRIDGE

- 2-IN-1 ACTION: CHLORINE REMOVAL AND FILTRATION
- ZERO WASTAGE OF WATER
- NO ELECTRICITY REQUIRED



## TECHNOLOGY

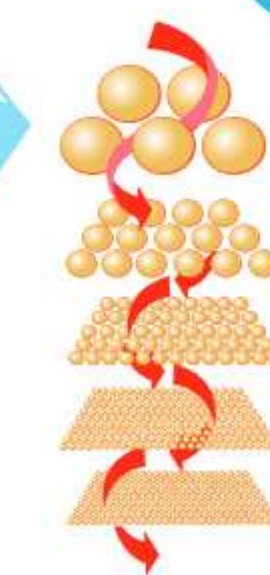


Polyphosphate Encapsulation



**2 SEQUESTERING TECHNOLOGY**

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



**3 FILTRATION**

Thicker filtration medium leading to longer life and better performance.



# DON'T LET DIRTY WATER AFFECT YOU

Every day you come in contact with dirty water while bathing and brushing. It contains sediments, rust and other particulate matter.



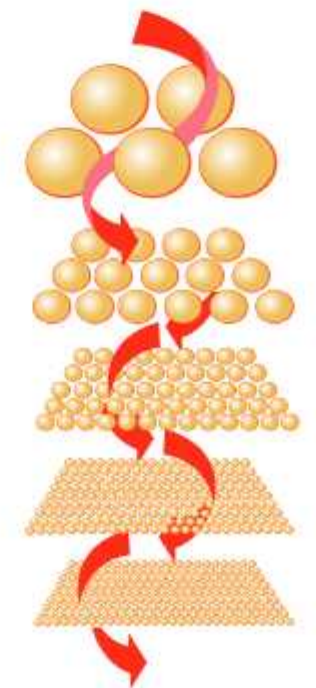
Sediments and rust particles in the water affect your experience with water every day.

## 3M WHOLE HOUSE FILTRATION SYSTEM ENSURES EVERY DROP OF WATER YOU TOUCH IS PURE.

- DOES NOT REDUCE THE FLOW OF WATER
- NO WATER WASTAGE
- NO ELECTRICITY REQUIRED
- LOW COST AND EASY TO MAINTAIN
- PRE-FILTER FOR HIGH SEDIMENT WATER
- USES "CURTAIN EFFECT" WITH 250% INCREASE IN FILTRATION
- HIGH QUALITY BACTERIOSTASIS BRASS VALVE
- NO FILTER REPLACEMENT REQUIRED



### TECHNOLOGY



#### DEPTH FILTRATION

Thicker filtration medium leads to longer life and better performance. It removes any impurity bigger than 5 microns.

AP802, AP801, BACKWASH

# TECHNICAL SPECIFICATIONS FOR INDIVIDUAL UNITS

Sl. No	Product	Cartridge		Max. Temperature	Pressure Range	Max. Flow Rate	Connection Size	Micron Rating
		Model	Cartridge Inclusion					
1	BWS 1.0	NA	NA	37.8	2-16	38	3/4"	40
2	AP801	AP810	No	37.8	1.7-6.9	75	1"	5
3	AP802	AP810-2	No	37.8	1.7-6.9	170	1"	5
4	AP802	AP817-2	No	37.8	1.5-6.9	75	1"	25
5	AP141T	AP420 (2 Nos.)	Yes	37.8	1.7-8.6	37	3/4"	5
6	AP102T	AP420	No	37.8	1.7-8.6	60	3/4"	5
7	AP430 SS	AP431	Yes	37.8	upto 8.6	37	3/4"	NA
8	DWS2000T	PFS, DWS	Yes	37.8	1.7-8.6	2.8	NA	3, 0.2
9	AP904	AP917HDS	Yes	37.8	1.7-8.6	75	1"	5
10	SFT200	NA	NA	37.8	1.5-8	41.7	-	-
11	SFT150	NA	NA	37.8	1.5-8	25	-	-

# 3M Water Purification System Installation Scenarios

## Hydro Pneumatic Line

**1**

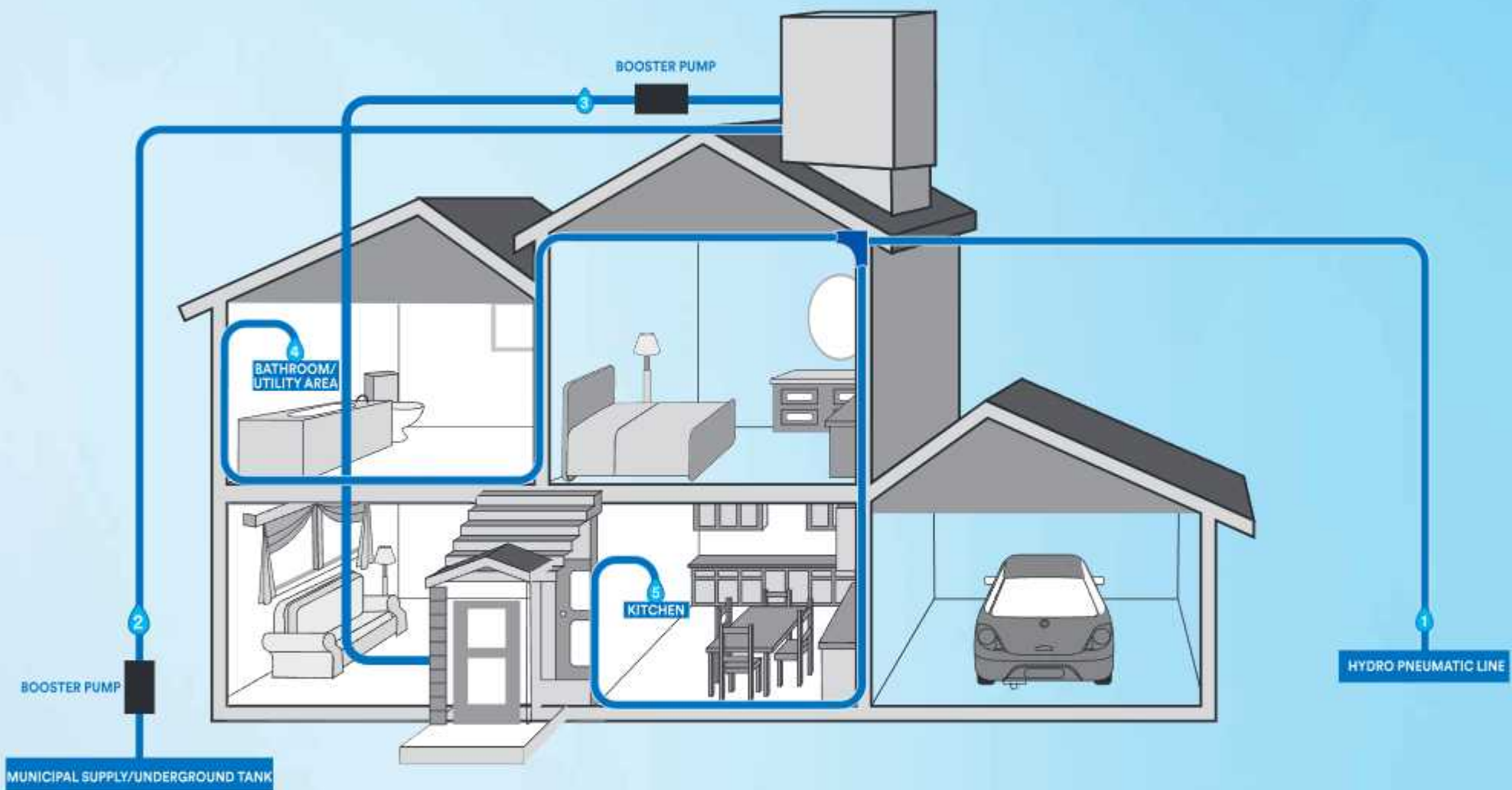
\* BWS2.0 Backwash (Optional) | AP80X + AP81X Cartridge 3M Whole House Water Filtration | SFT150/200 3M Fully Automatic Water Softener | AP141T/AP102T 3M Scale Prevention System | AP802 + AP817-2 Cartridge 3M Chlorine Removal System

## OHT Inlet Line

**2**

\* BWS2.0 Backwash (Optional) | AP80X + AP81X Cartridge 3M Whole House Water Filtration | AP141T/AP102T 3M Scale Prevention System | AP802 + AP817-2 Cartridge 3M Chlorine Removal System

\*Backwash System is optional for high dirt load conditions.



## OHT Outlet Line

**3**

AP80X + AP81X Cartridge 3M Whole House Water Filtration | SFT150/200 3M Fully Automatic Water Softener | AP141T/AP102T 3M Scale Prevention System

## Bathroom/ Utility Area (for apartments)

**4**

AP80X + AP81X Cartridge 3M Whole House Water Filtration | SFT 100 3M Fully Automatic Water Softener | AP430SS 3M Appliance Protection System | AP141T/AP102T 3M Scale Prevention System

## Kitchen (For apartments & villas)

**5**

AP80X + AP81X Cartridge 3M Whole House Water Filtration (Optional) | DWS2000T 3M Smart Drinking Water System

**3M India Limited**

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