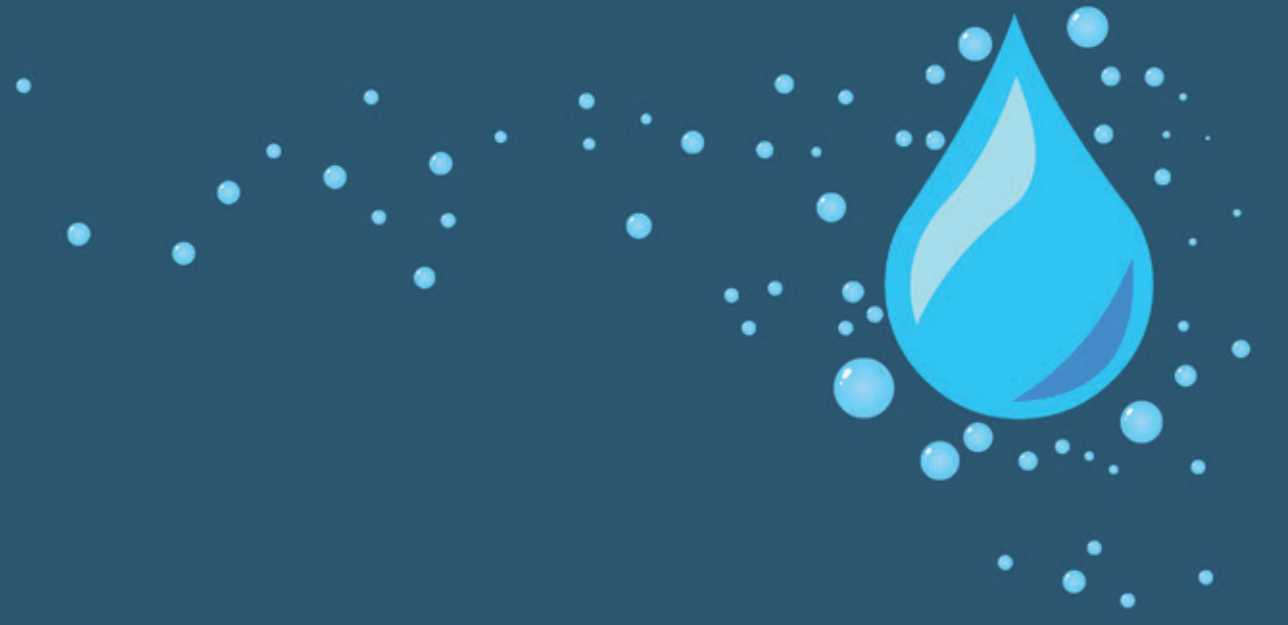


# Introducing the range of 3M Home Water Solutions

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



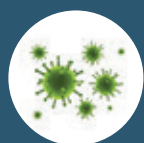
**Sedimentation:** Dirt and mud accumulate in the water system of our house. While we may not notice it, it clogs our pipelines, taps and showers.



**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.



**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.

# Contents

<b>Non Drinking Water System</b>	<b>03</b>
> 3M Technology	04
> Solutions for hardness	05
- Softeners	06
- WTS Softeners	07
- Scale Prevention Systems	08
> Solutions for Sediments	09
- Whole House Filtration System	10
> Solutions for Chlorine	11
- Whole House Chlorine Removal System	12
<b>Drinking Water System</b>	<b>13</b>
> 3M I.M.P.A.C.T Technology	14
- Bacto-free	15
- Safe Kitchen	16
- EcoSip	17
- Smart Drinking Water Systems	18
> RO Technology	19
- RO R8-CW	20
<b>Specifications</b>	<b>21</b>
<b>Product Installations</b>	<b>22</b>



# 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. The wide range of water purifiers are designed to keep you safe from harmful effects of water throughout your house.

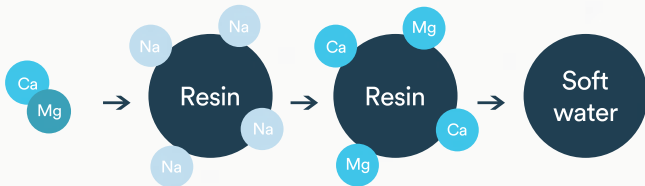
## 3M Technology

### Hardness



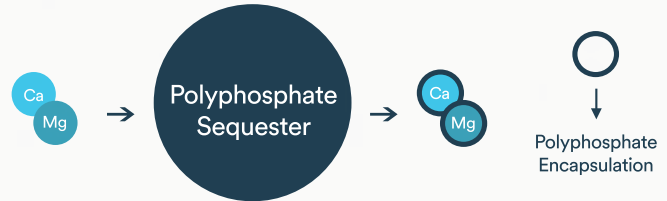
#### Ion-Exchange Technology

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.

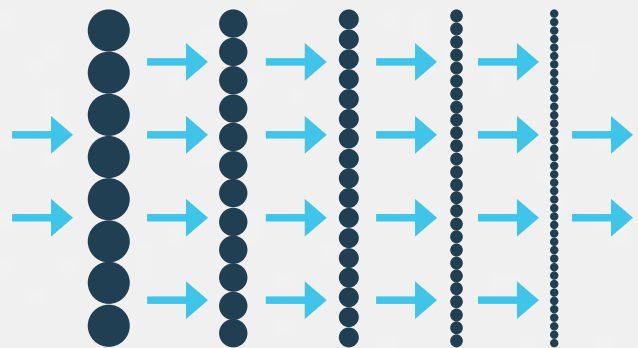


### Sediment



#### 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



### 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

---



### Reduced 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 WTS Water Softeners



Product code :  
WTS28, WTS42, WTS57, IASWTS-85L



## 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.

“Affordable & efficient solution to all hard water problems”

Technology



Ion-Exchange technology

# 3M WTS Prime Water Softeners



Product code :  
IAWTS 57T, IAWTS 85T



## 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.



## 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 regenerations it can undergo, hence ensuring no cap on your society's daily water consumption.

“A wholesome water treatment system for your community”

Technology



Ion-Exchange technology

# 3M Scale Prevention Systems



Product code :  
IAS141T, IAS102T, IAS430SS



## Zero Water Wastage & No Electricity Needed

Complete green building product



## Food Grade Material

Unit is manufactured from FDA CFR-21 compliant material



## Simple Fit and Forget

Low maintenance-only cartridge replacement needed



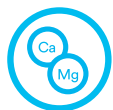
## Compact in Size

Can be easily dismantled and carried along



## Withstand High Pressure

Can withstand pressure up to 7 bar



Encapsulate Hardness causing Calcium (Ca) and Magnesium (Mg) ions to make them inert



Minerals are retained but the scaling effects of the ions are eliminated

“Effective & inexpensive solution to hard water scaling problems”

Technology



Sequestering technology



Depth filtration

# Sediments

## Don't let dirty water affect you

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

## Harmful effects of Sediment



### **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



Product code :  
IAS801F, IAS802F



## Zero Water Wastage & No Electricity Needed

Complete green building product



## Food Grade Material

Unit is manufactured from FDA CFR-21 compliant material



## Simple Fit and Forget

Low maintenance-only cartridge replacement needed



## Compact in Size

Can be easily dismantled and carried along



## Withstand High Pressure

Can withstand pressure up to 7 bar

“Clear water throughout the house, like it should be”

Technology



Depth filtration

# 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 also cause skin tanning and irritation in your eyes.

## Harmful effects of Chlorine



### Skin Damage

Chlorine damages your skin making them feel dry. It also 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



Product code :  
IAS802C



#### 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



#### Simple Fit and Forget

Low maintenance-only cartridge replacement needed



#### Compact in Size

Can be easily dismantled and carried along



#### Withstand High Pressure

Can withstand pressure up to 7 bar

“Zero chlorine water for fresh use”

Technology



Pre-Activated Carbon technology



# Drinking Water System

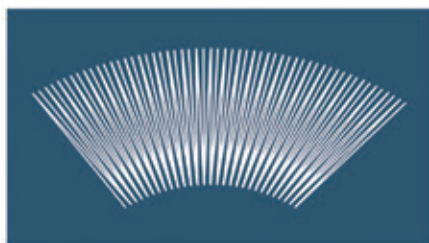
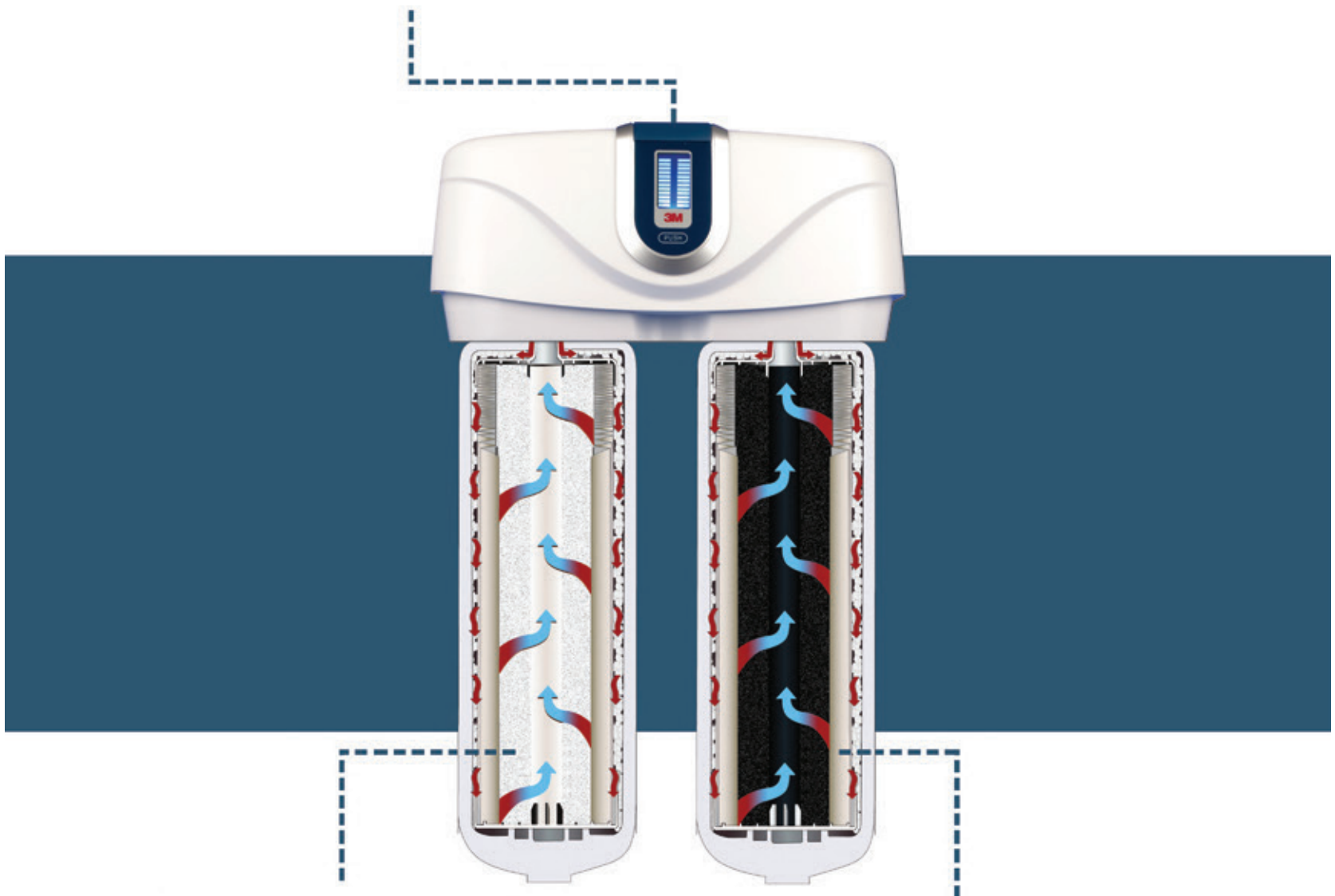
# 3M Proprietary I.M.P.A.C.T TECHNOLOGY

( Integrated Membrane Pre-Activated Carbon Technology )



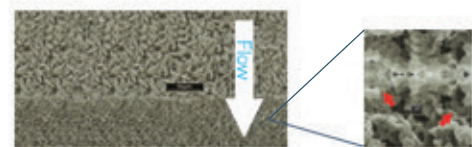
## Smart Cartridge Indicator

System comes with a dedicated faucet and intelligent tracking system, providing a visual and audio 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



**Product code :**  
**IAS190S**

## Benefits



### 99% of Bacteria Reduction<sup>1</sup>

99.99% Bacteria Reduction<sup>1</sup> using I.M.P.A.C.T. Technology  
You get 2 lakh Litres<sup>4</sup> of Pure Water ideal to drink, cook, wash your vegetables etc.



### Scale Prevention<sup>2</sup>

You don't have your kitchen slabs & faucets looking ugly with white water scales and no scales on vessels or dishwasher.



### 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 a single drop of water and by not consuming any electricity.

**“2 lakh litres<sup>4</sup> of pure water for your entire kitchen needs”**

1. As tested with E Coli ATGG (11229) or psuedomonas (B) diminuta (19146)

2. Tested and verified by manufacturer's laboratory.

3. For best results install the system upto a TDS of 500 ppm

4. The capacity mentioned is only applicable for chlorine, cyst and particles (NSF Class 1) reduction

# 3M Ecosip



**Product code :**  
**IAS140S**

## Benefits



### 99% of Bacteria Reduction<sup>1</sup>

99.99% Bacteria Reduction<sup>1</sup> using I.M.P.A.C.T. Technology  
You get 1 lakh Litres<sup>4</sup> of Pure Water ideal to drink, cook, wash your vegetables etc.



### Scale Prevention<sup>2</sup>

You don't have your kitchen slabs & faucets looking ugly with white water scales and no scales water on vessels or dishwasher.



### 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 easy maintenance of cartridges.



### Zero Water Wastage & No Electricity Needed

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

**“1 lakh<sup>4</sup> litres of pure water to last a long time - Efficiency, Effective & Affordable”**

1. As tested with E Coli ATGG (11229) or psuedomonas (B) diminuta (19146)

2. Tested and verified by manufacturer's laboratory.

3. For best results install the system upto a TDS of 500 ppm

4. The capacity mentioned is only applicable for chlorine, cyst and particles (NSF Class 1) reduction

# 3M Smart Drinking Water System



Product code :  
DWS2000T

## Benefits



### 99% of Bacteria Reduction

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



### Chlorine Removal

Pre Activated Carbon Technology removes chlorine taste and odour ensuring RECIPE QUALITY WATER retaining the taste of your food.



### Sanitary Quick Change

Patented SQC mechanism for easy cartridge change within 10 seconds



### Retains Minerals

Retains Essential Minerals naturally

“A smart system to let you control the water you drink”

# 3M EcoDrink



Product code :  
IAS-1500B

## Benefits



### 99.99% Bacteria Reduction

Reduces 99.99% cyst and waterborne bacteria



### Chlorine Removal

High performance activated carbon reduces chlorine taste and odor



### 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

“Make purity your way of life”

# 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
WTS-28	28 Litres	48 LPM
WTS-42	42 Litres	52 LPM
WTS-57	57 Litres	56 LPM

## 3M Whole House Water Filtration Systems

### 801F & 802F

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

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

### 141T & 102T

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	Recovery	Capacity	Flow rate
RO R8-CW	>50%	400GPD	1 LPM
DWS2000T	NA	3000 Litres	2.8 LPM

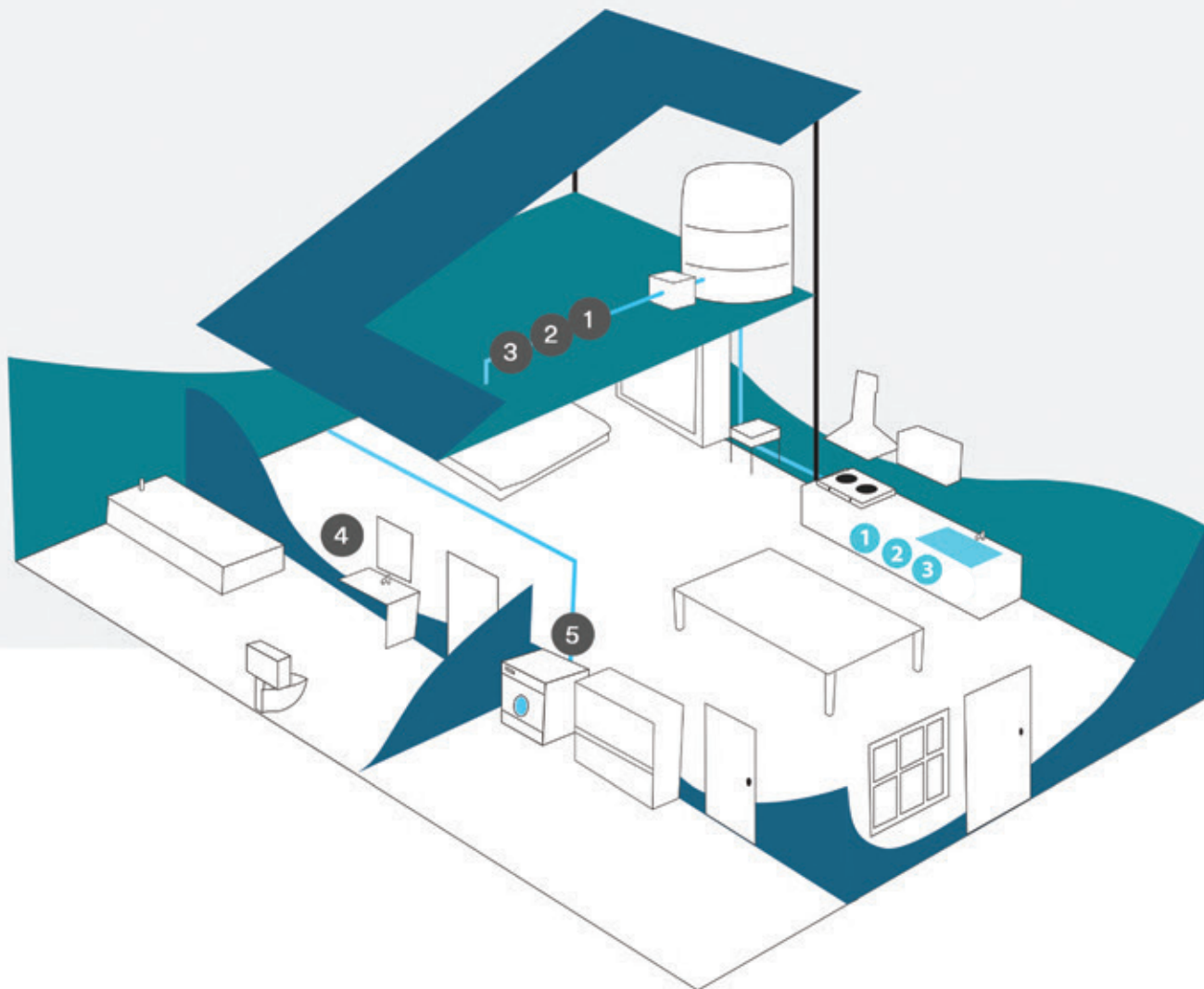
## 3M Whole Kitchen Clean Water Systems

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

## 3M Whole House Bacteria Removal Systems

Product code	Capacity	Flow rate
IAS390S	6 Lac Litres	57 LPM

# Product Installation



## Pure, soft water for your home

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

## Healthy, clean drinking water for your family

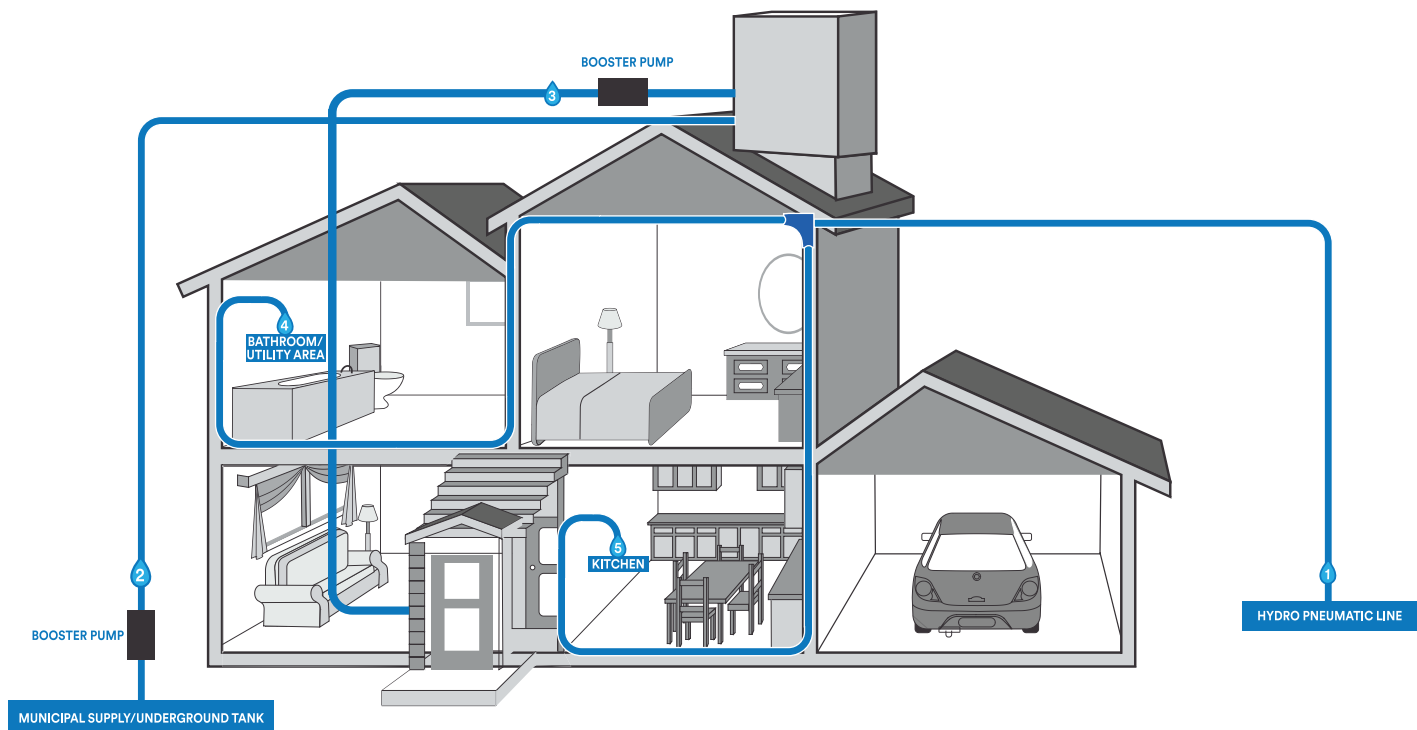
- ① IAS190S
- ② IAS140S
- ③ DWS2000T

# 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**

WeWork Prestige Central, 3rd floor, 36 Infantry Road Bengaluru 560 001, India  
Toll Free Number: 1800 425 425 000 | Website: [www.water.3mindia.in](http://www.water.3mindia.in)