

Introducing the range of 3M Home Water Solutions

From utility water to drinking water, purify every drop of water that nourishes 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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Non Drinking Water System

3M Technology

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Drinking Water System

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

- Safe Kitchen
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- EcoSmart Drinking Water System

Specifications

Product Installations



Whole House Water Softeners & Filters

Take charge of your water!

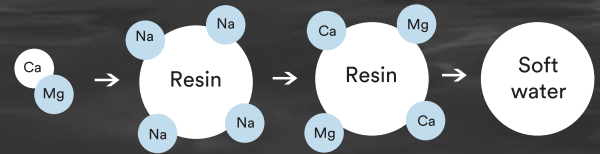
At 3M, we believe in innovation to enable progress and improve lives. So, if your water is impure, we offer 3M Home Water Solutions for apartments and villas. Our wide range of solutions are designed to keep you safe from harmful effects of water throughout your house.

3M Technology



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.

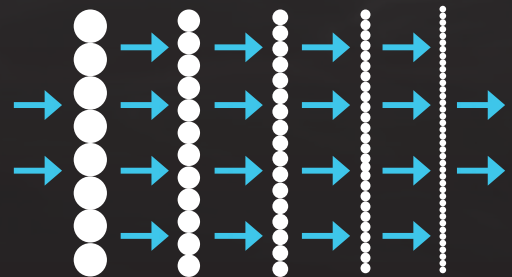


Sediment



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.



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



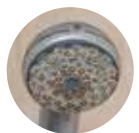
Skin Damage

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.



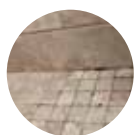
Clogging

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



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 Bathroom Water Softener

Transform your bathroom with the power of softness



**Ion-Exchange
Technology**



Programmability



**Intelligent
Auto-regeneration**

Compact and Exquisite

Seamlessly integrates in your home's kitchen and bath design & enhances the aesthetics of your interiors.

Smart Control

Equipped with intelligent control valve which helps provide trouble-free user experience.

Long-Lasting

High efficiency and high-performance food grade resin to provide optimal output & ensures no restriction on water use.

Ease of Installation

With 3M Water Softeners, all you need to do is plug it in! With the auto-regeneration feature, our water softeners bring to you maximum quality, with minimum intervention. Low salt reminder ensures efficient and timely maintenance of the system.

Safe & Reliable

State of the art materials used ensures safety and peace of mind.



Product code:
VST 100

Specifications

Product code	Resin Volume	Maximum flow
VST 100	9.5 Litres	33 LPM

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

Specifications

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

3M WTS Fully Automatic 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.

Specifications

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

Product code:
IAWTS28L, IAWTS42L,
IAWTS57L, IAWTS85L

3M WTS Prime Fully Automatic 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

Specifications

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

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

Specifications

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

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



Skin Damage

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



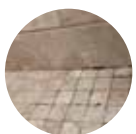
Hair Damage

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

Specifications

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

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

Specifications

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

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 diseases.

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



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.



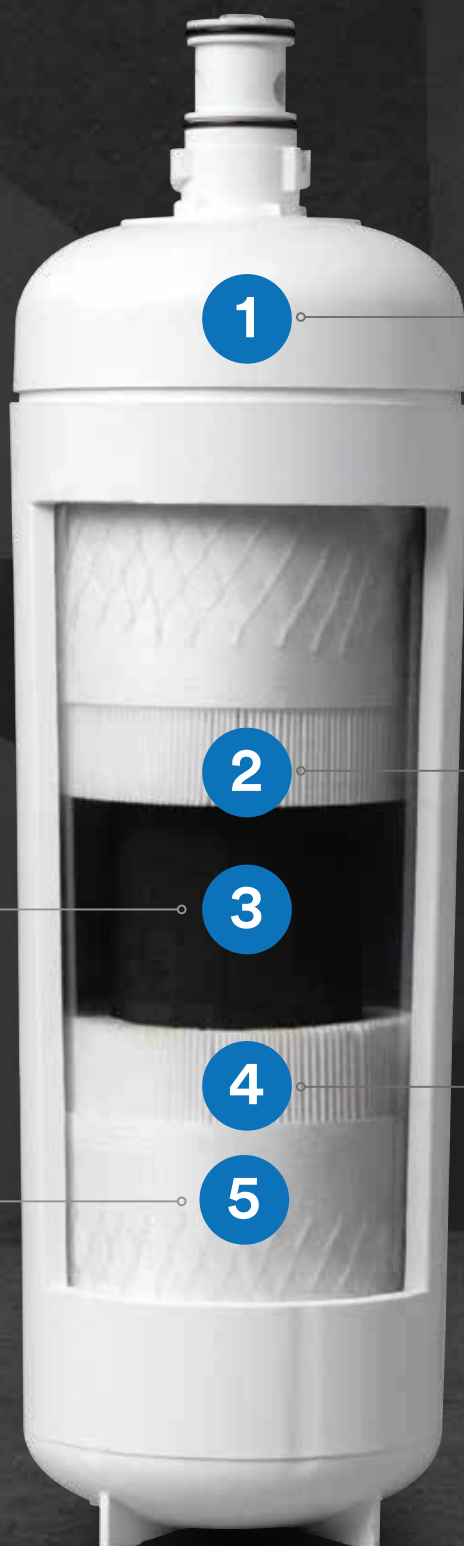
Product code:
IAS802C

Drinking Water System



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

(Integrated Membrane Pre-Activated Carbon Technology)



1

Polypropylene
housing

2

Media with pleated
membrane design³
helps provide cyst² and
bacteria¹ reduction
and excellent sediment
holding capabilities with
minimal pressure drop

3

Carbon block technology
has more than
4X
the chlorine taste and odor
reduction capacity of the leading
competitor's pre-coat filter

4

Pleated membrane
media in has
6X
the surface area
of leading
competitor's filter

5

Cartridges feature a
5 micron pre-filter wrap

¹ As tested with E. Coli ATCC (11229).
Tested and verified by manufacturer's
laboratory.

² Based on the use of Cryptosporidium
parvum oocysts.

³ Filters featuring the Integrated Membrane
Pre-Activated Carbon Technology
("I.M.P.A.C.T.") media can clearly be
identified by the ("I.M.P.A.C.T.") icon on
the product label.

3M Safe Kitchen

2 lakh¹ litres of pure water for your entire kitchen need.

99.95% Bacteria Reduction²

99.95% Bacteria Reduction² using I.M.P.A.C.T Technology. You get 2 lakh liters 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.³

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.

Specifications

Product code	Capacity	Flow rate
IAS190S	2 Lakh Litres	18.9 LPM

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 lakh¹ litres of pure water to last a long time-
Efficiency, Effective & Affordable.

99.95% Bacteria Reduction²

99.95% Bacteria Reduction² using I.M.P.A.C.T Technology. You get 2 lakh liters 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.³

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

Specifications

Product code	Capacity	Flow rate
IAS140S	1 LAC Litres	7.9 LPM

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 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

Product code	Resin Volume	Maximum flow
IAS-1500B	5678 Litres	2.3 LPM

3M EcoSmart Drinking Water System

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

99.99% Bacteria Reduction

99.99% bacteria reduction using KDF media along with upgraded PES membrane

Sanitary Quick Change

Patented SQC mechanism for easy cartridge change within 10 seconds.

Removal of chlorine, heavy metals and VOCs

3M activated carbon block can efficiently remove 99% heavy metal, chlorine and harmful VOCs.

Retains Essential 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.

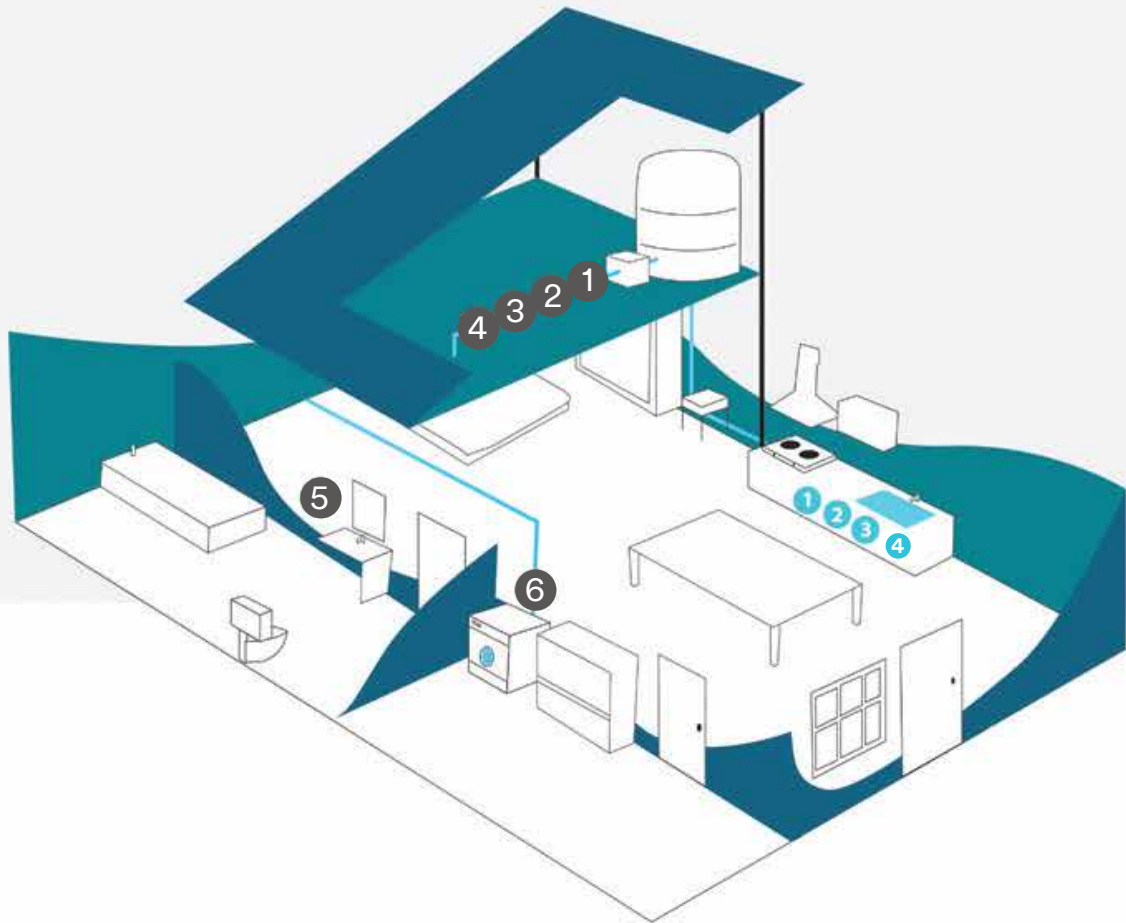


Product code:
UT-V390

Specifications

Product code	Capacity	Flow rate
UT-V390	3000 Litres	2.8 LPM

Product Installation



Pure , soft water for your home

- ① IABWS-42L/IABWS-57L/IABWS-85L
- ② IAS801F/IAS802F
- ③ SFT200/ SFT200Fe/ IAWTS-28L/ IAWTS-42L/ IAWTS-57L/ IAWTS-85L
- ④ VST100/ IAS141T/IAS102T
- ⑤ IAS430SS

Healthy, clean drinking water for your family

- ① IAS190S
- ② IAS140S
- ③ UT-V390
- ④ IAS1500-B

We are part of people's home

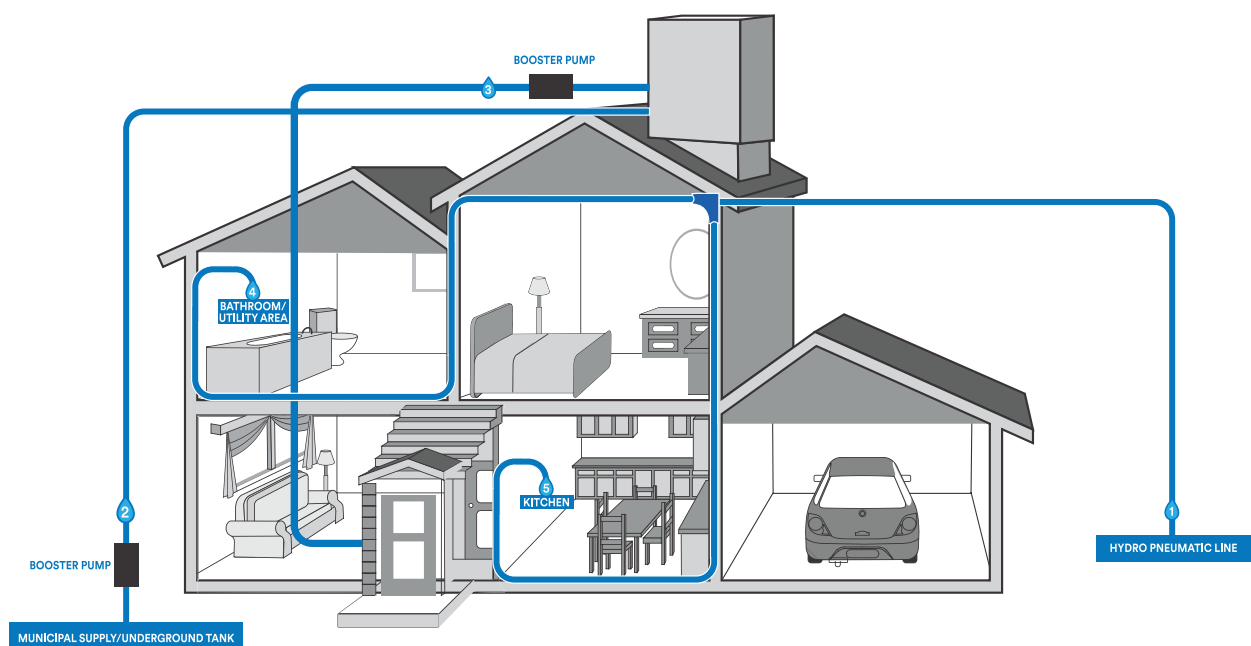


3M Water Purification System Installation Scenarios

1 Hydro Pneumatic Line

2 OHT Inlet Line

3 OHT Outlet Line



4 Bathroom/ Utility Area (for apartments)



5 Kitchen (for apartments & villas)

