



WE CLEAN IT, YOU DRINK IT

**Sensiblu S4 makes water safe —
sustainably, affordably, and with ease.**





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YouTube video



SENSIBLUE S4

Unique Selling Points

- ✓ **Unique patented Dutch technology:**
>20 years of development;
€ 3+ Million EUR invested in R&D and certifications.
- ✓ **Sustainable:**
Saves up to 1.000 kWh/year compared alternatives
- ✓ **Very cost effective:**
50% cheaper to buy and install than other techniques
95% lower service and maintenance costs.
99,9% lower operational costs than competing systems.
- ✓ **Tasteless & proven water disinfection:**
Chlorine = world's most reliable disinfectant since 1908.
In-situ salt-electrolysis is the safest, mildest form.
Adds >0,2 mg/l chlorine, below taste threshold 0,5 mg/l.
- ✓ **Simple & Safe:**
Runs on salt only salt, no chemicals, no electricity.
Self-powered with 4 meter water pressure (0.4 bar).
Intrinsically safe self-regulating process.
Scalable & redundant when installed in parallel or series



Medium: 1L

Large: 2L

We have 2 versions available,

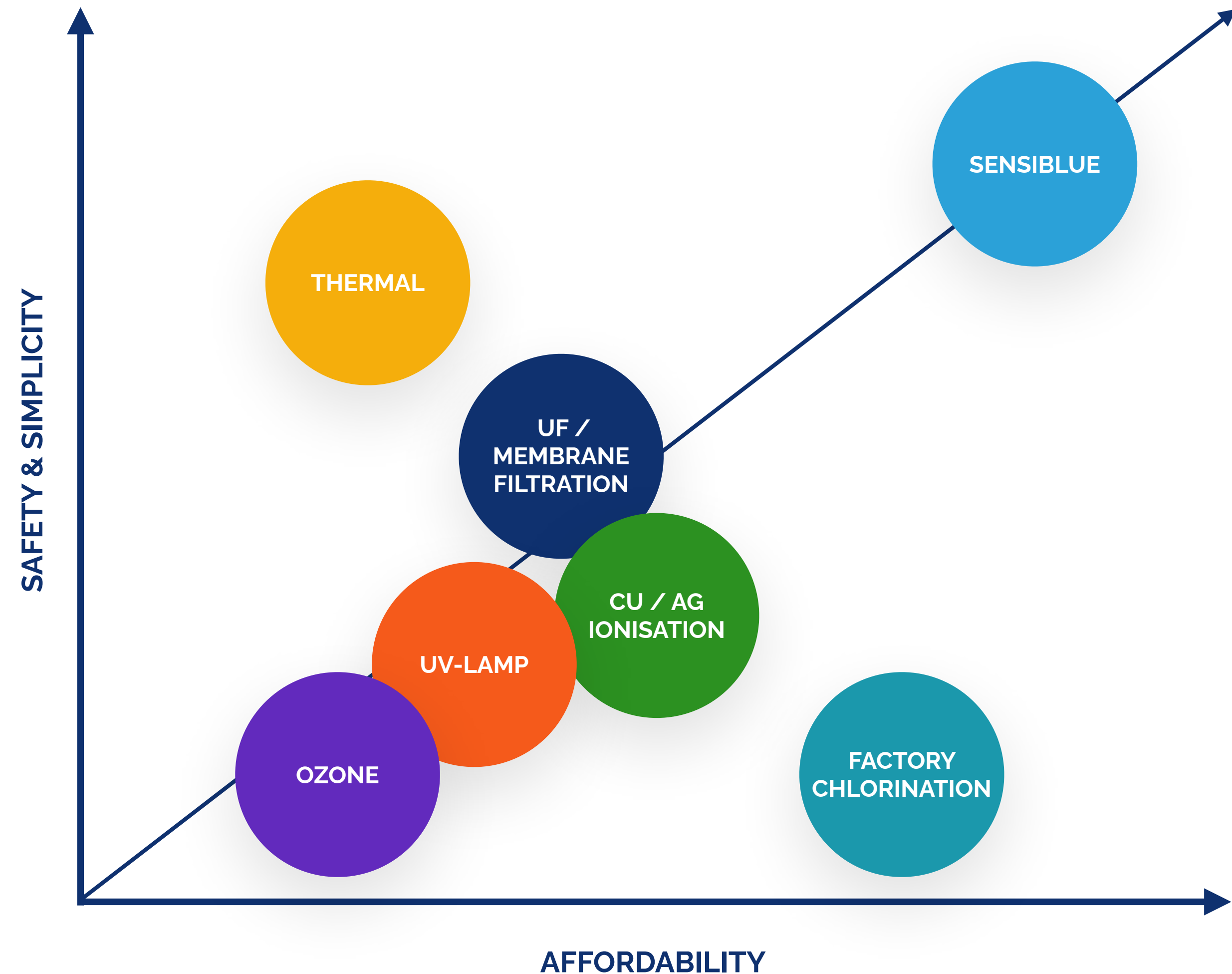
- ✓ Medium size (1L) disinfects 55.000 liters of water before salt replacement,
➔ This version ships from Stock.
- ✓ Large size (2L) disinfects 120.000 liters of water before salt replacement,
➔ Estimated launch: Q1 2026



How Sensiblu compares to other techniques

Sensiblu is a compact, innovative system that harnesses salt-electrolysis technology, the same trusted technique used by large-scale drinking water companies, and adapts it into a small, easy-to-install unit for private use.

Our patented technique allows for inline chlorination, to be self-regulating **without** the drawbacks of chlorination. Sensiblu is not affecting taste whilst reducing the amount of disinfection by-products to an absolute minimum.

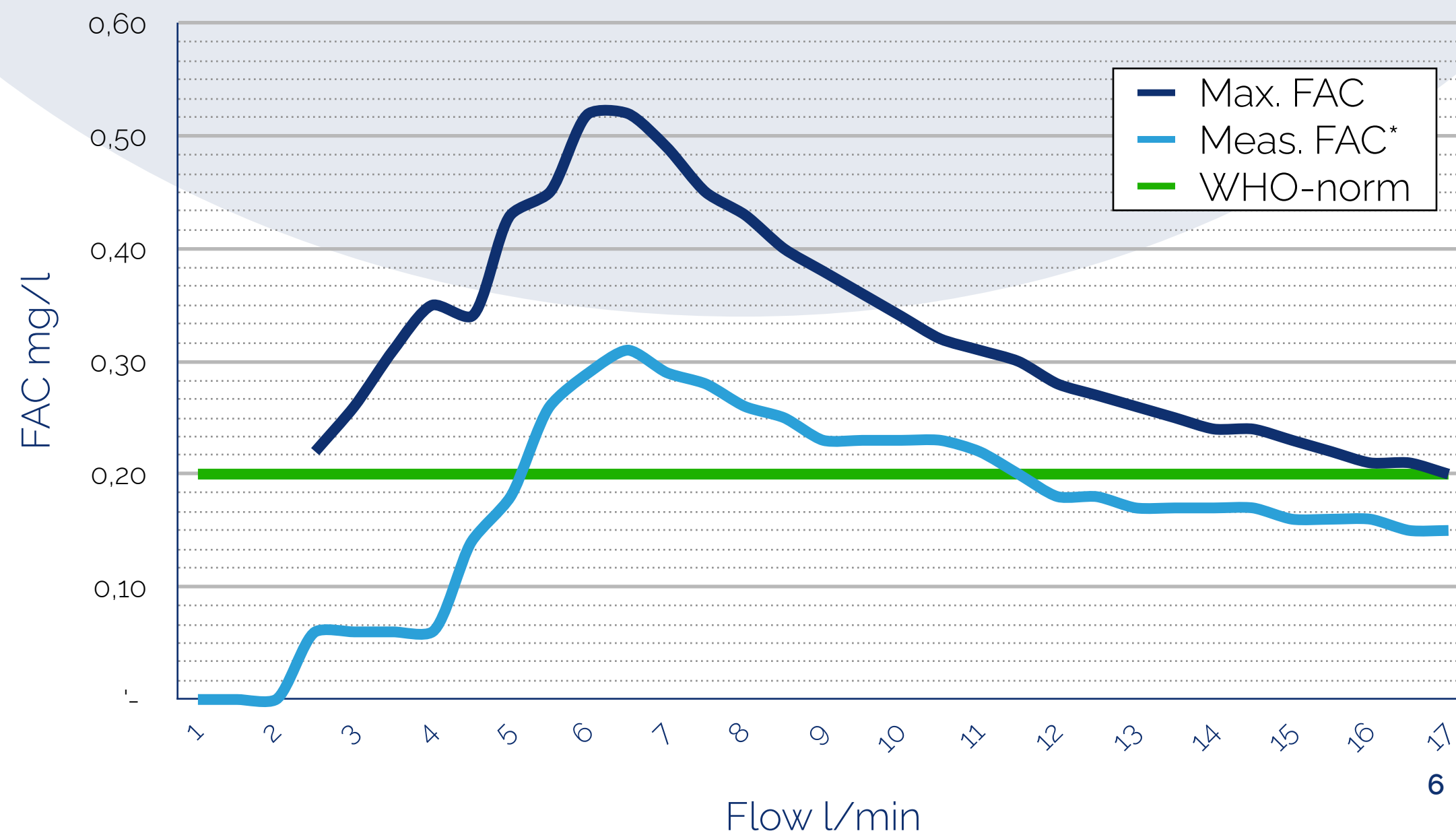


Sensiblu S4	Medium (L)	Large (2L)
Dimensions (LxWxH)	25,2 x 14,4 x 38,5 cm	25,2 x 14,8 x 40,3 cm
Product weight (incl Salt)	4,5 KG	6,0 KG
Salt amount	1,1 KG	2,4 KG
Refill salt after approx.	55.000 L ±50%	120.000 L ±50%
Salt requirement	Only use: sodium chloride salt pellets / tabs > 6 mm for water softeners (>99,5% NaCl),. According EU norm: EN 973 Type A	
Salt consumption	10 to 30 grams / 1.000 L	
Min. flow for disinfection	4 L/min; 240 L/hour	
Max. flow for disinfection	16 L/min; 1.000 L/hour	
Active chlorine production	>0,15 mg/L: 4-16 L/min or 240-990 L/hour >0,2mg/L: 5-12L/min or 300-720 L/hour Maximum 0,5 mg/L @ 7,5 L/min or 450 L/hour	
Min. water pressure, flow	0,4 bar; > 240 L/hour	
Max. water pressure, flow	8 bar; < 1.000 L/hour @ 23 °C	
Min. temperature	5° Celsius	
Max. temperature	55° Celsius	
Connections	2x ¾" BSPP male (G3/4") or BSPT ¾" or NPT ¾"	
Certifications	CE: EN55014-1 & -2 According EN14812. ECHA Art.95 reg: VDH watertechnology B.V product ChlorInsitu V/DulcoLyse.	
Box dimensions (LxWxH)	29 x 17,5 x 44 cm	
Made in	The Netherlands	
Warranty	7 years, 1.000.000 Litres or 100.000 starts/stops, whichever comes first.	

The specifications of the Sensiblu S4

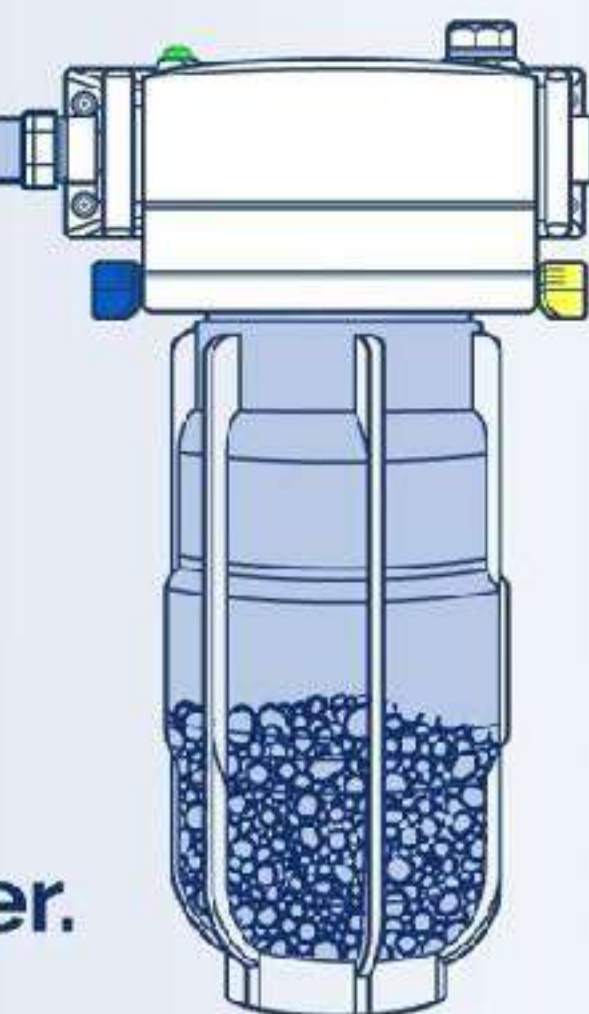
The amount of active Chlorine produced depends on the type of water used and the flow and pressure of the water. Typically the more Organics (TOC) are present in the water, lesser chlorine will be measurable and the more disinfection by products (DBPs) will be made. We recommend using the Sensiblu with an activated carbon filter pre-filtration unit, to maximise the effectiveness of the active chlorine (FAC) and minimise the amount of DBPs. To increase the flow or chlorine production you can install units in parallel or in series, bearing in mind the minimum flow and pressure drop (= max. 0,9 bar)

Free Available Chlorine (FAC) production

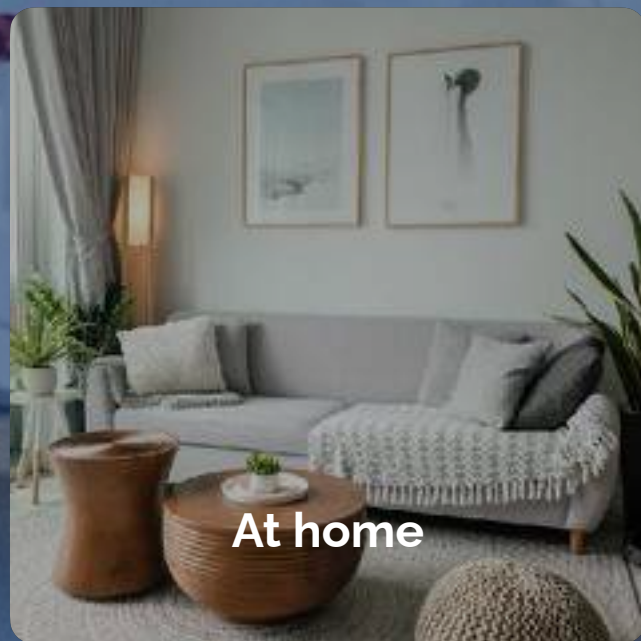


*: Meas. FAC is measured @ TOC level 1,66 mg/L (higher TOC results in lower FAC, lower TOC -> higher FAC)

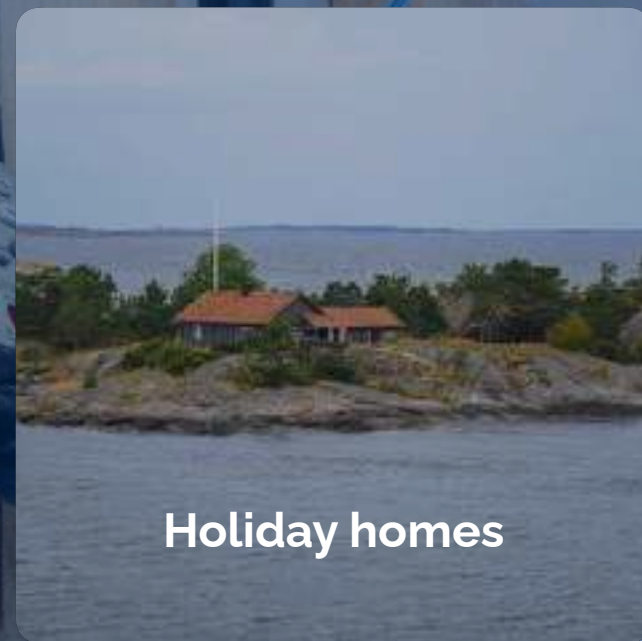
1. When the salt is depleted and/or the LED turns red, it's time to refill the salt container.



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At home



Holiday homes



Sailing yachts
& motorboats



Campers & RV's



Guest houses



Hotels & resorts



Harbours, campings
& festivals



Sport facilities



Businesses



Food production



Rain water collection



Well water



Disaster relief



Water storage



Low temperature warm
water systems.

WHERE TO USE SENSIBLUE

Installation examples in the following slides

4 SOURCES OF WATER:

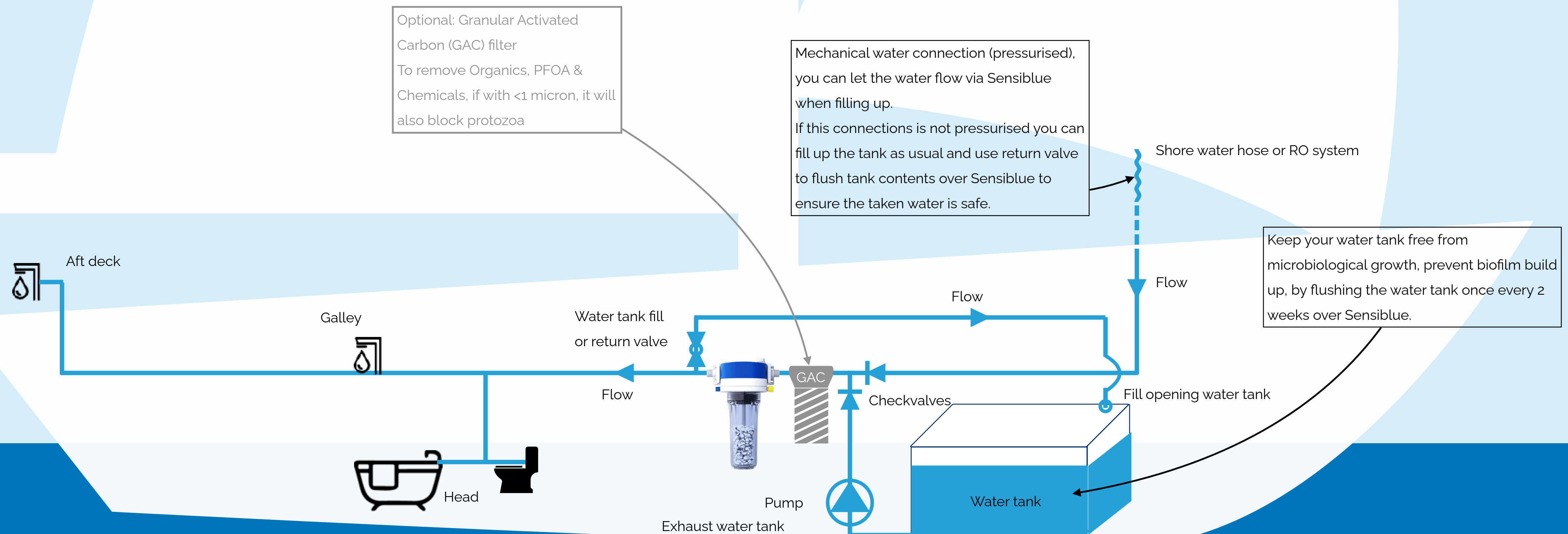
FROM A WATER TANK IN A BOAT OR CAMPER
FROM THE MUNICIPALITY, CHLORINATED OR NOT.
FROM A WELL
FROM THE RAIN

A photograph of several sailboats on a calm blue sea under a clear blue sky. The sailboats have white sails and dark hulls. In the background, there are low mountains. The image is used as a background for a text overlay.

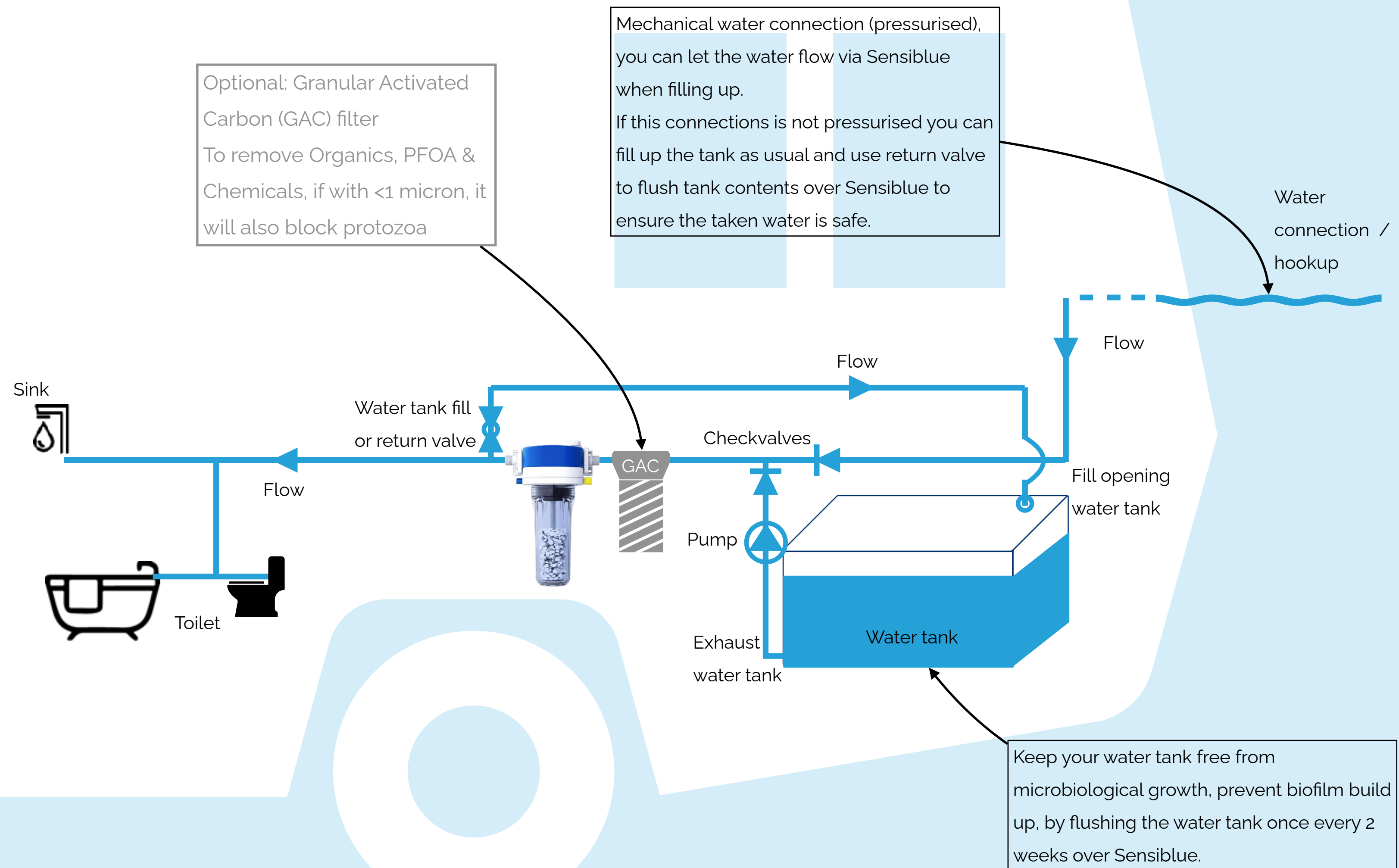
Boat or Camper

Stored water quickly loses its freshness. Sensiblu keeps it safe on every trip.

Installation in a boat, with shore connection, tank filling and flushing with 1 pump and 1 Sensiblu.



Installation in a camper or caravan, water storage tank filling and flushing with 1 pump and 1 Sensiblu.





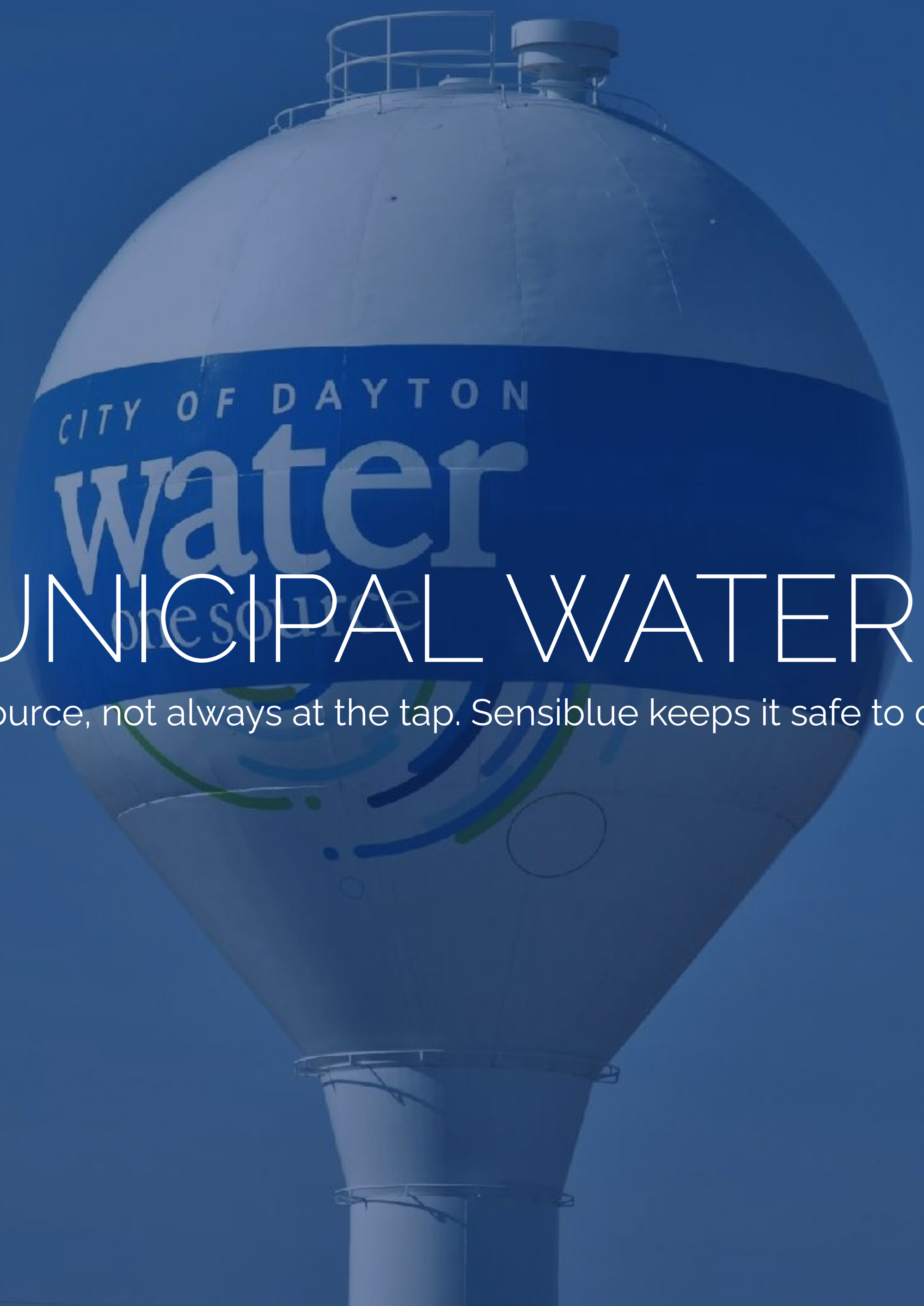
Camper - Installing Sensiblu



Disinfecting the old tank (which had not been cleaned for 8 years)



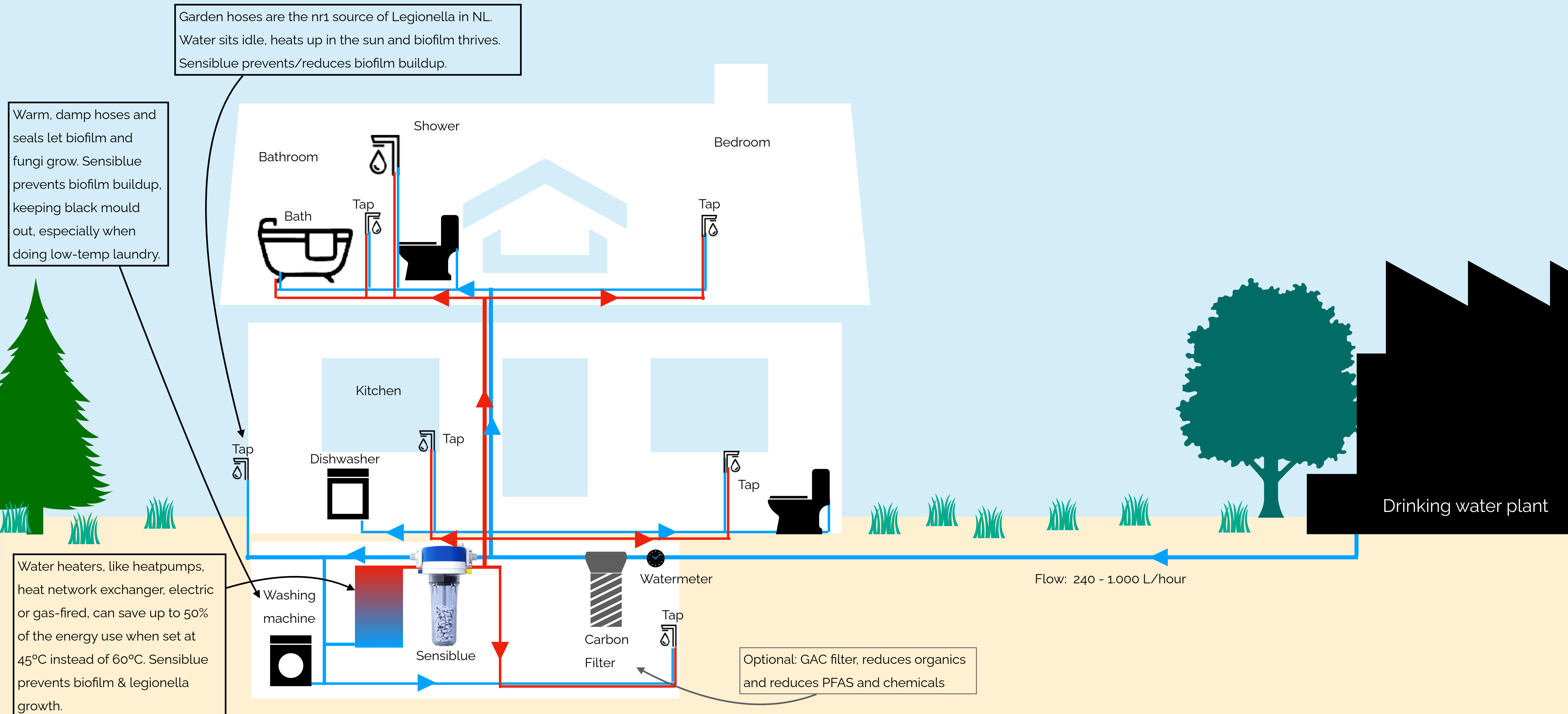
New Sensiblu installed in a clean system



MUNICIPAL WATER

Clean at the source, not always at the tap. Sensiblu keeps it safe to drink.

Installation in a house, with safe (non-chlorinated) tapwater, Sensiblu can be used to for Legionella & Biofilm prevention



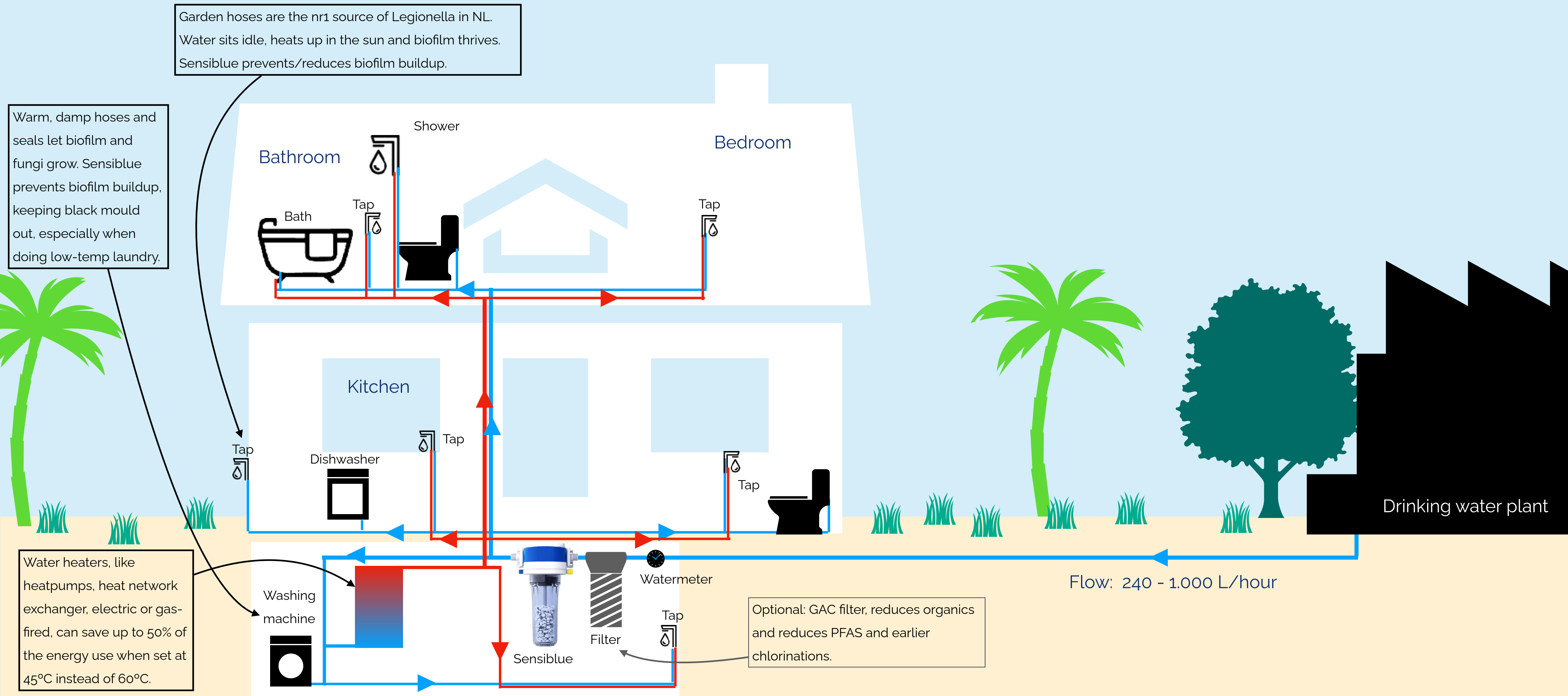


Gas heating system set to 45 degrees with Sensiblue, saving 12-18% gas use on showering.



Washing machine only - no more black mould and smelly laundry when washing at low temps.

Installation in a house, with questionable (chlorinated) tapwater, whole house treatment with carbon & Sensiblu to keep it safe.





Whole house treatment



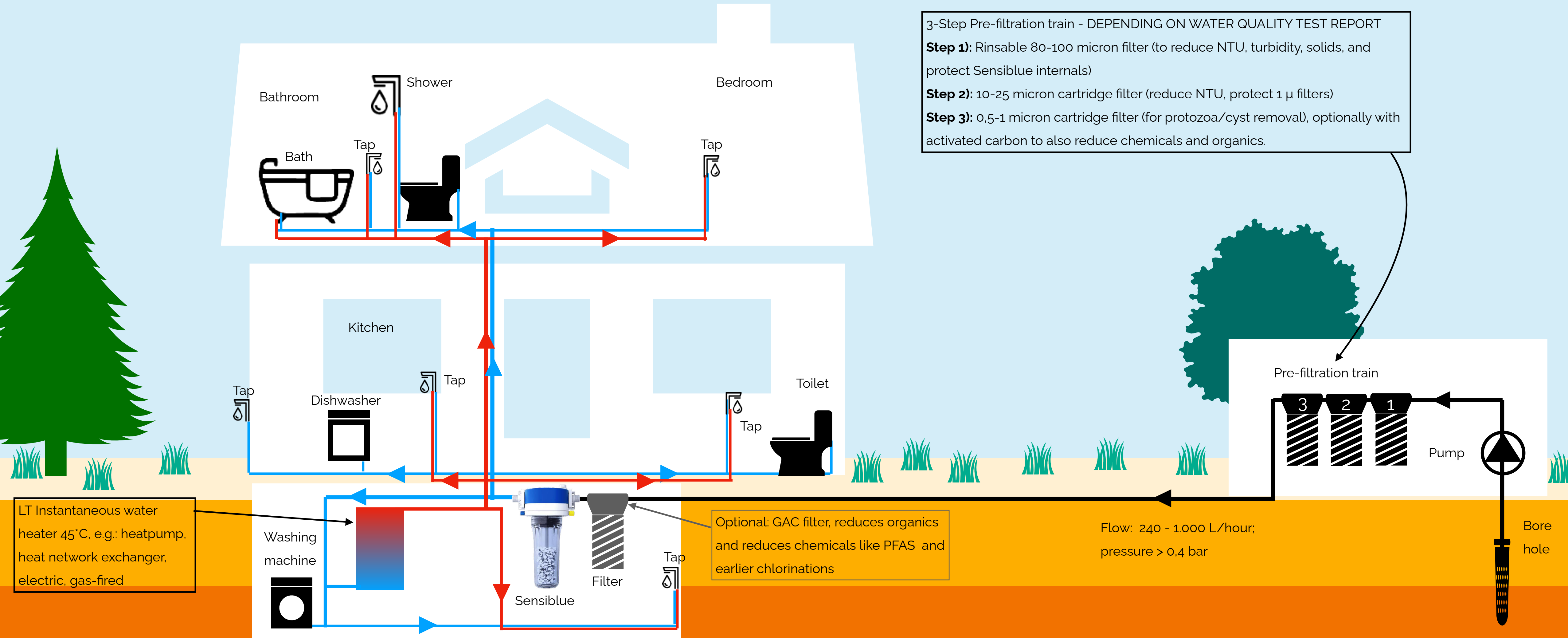
Whole house treatment, 1st Sensiblu, then through water softener device



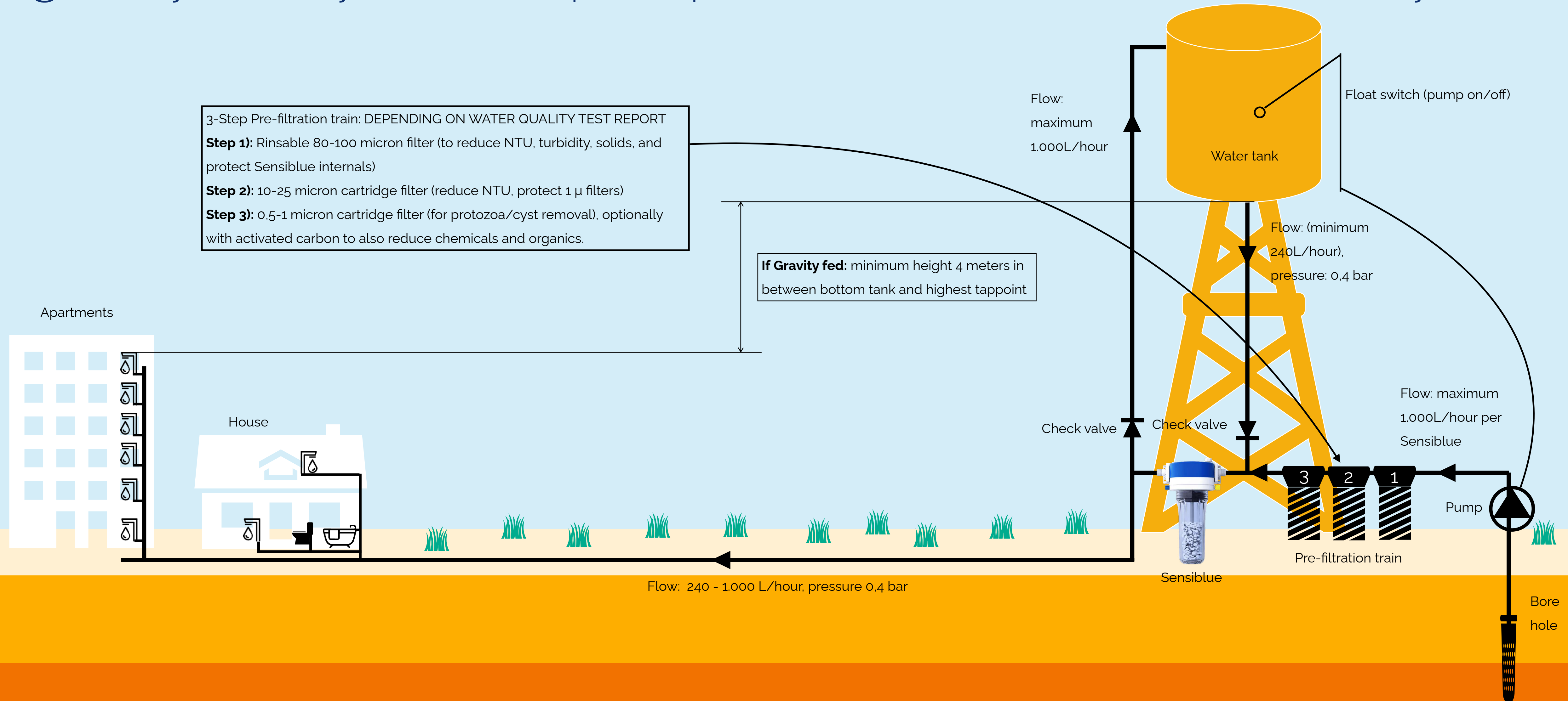
WELL WATER

Deep wells bring good water. Sensiblu keeps it safe to store and use.

Installation in a house, with bore-hole tapwater, whole house water treatment with Sensiblu



Installation with bore hole pump, water storage tank and gravity fed system or pumped use with 1 Sensiblu only.



SSaku Secondary School, Uganda - august 2025



School entrance



Before installation



Water storage tanks, filled with borehole water.
System is gravity fed.



Water before installation



Before installation



Installation, Sensiblu with 3 prefilters, rinsable 100 micron (protect Sensiblu from sand), replaceable 20 micron (reduce NTU) & 1 micron Cyst rated to prevent protozoa.



Measuring water quality



Testing the water



Petri-dishes for coliform Measurement - Above right is before Sensiblu, Total Coliform: 105 CFU/100ml; e.Coli: 49 CFU/100ml (blue); Bottom Right is same water straight taken after Sensiblu, all coliform inactivated



Installation in a house, with well tapwater, water storage and whole house water treatment with 1 Sensiblue.

LT Instantaneous water heater 45°C, e.g.: heatpump, heat network exchanger, electric, gas-fired

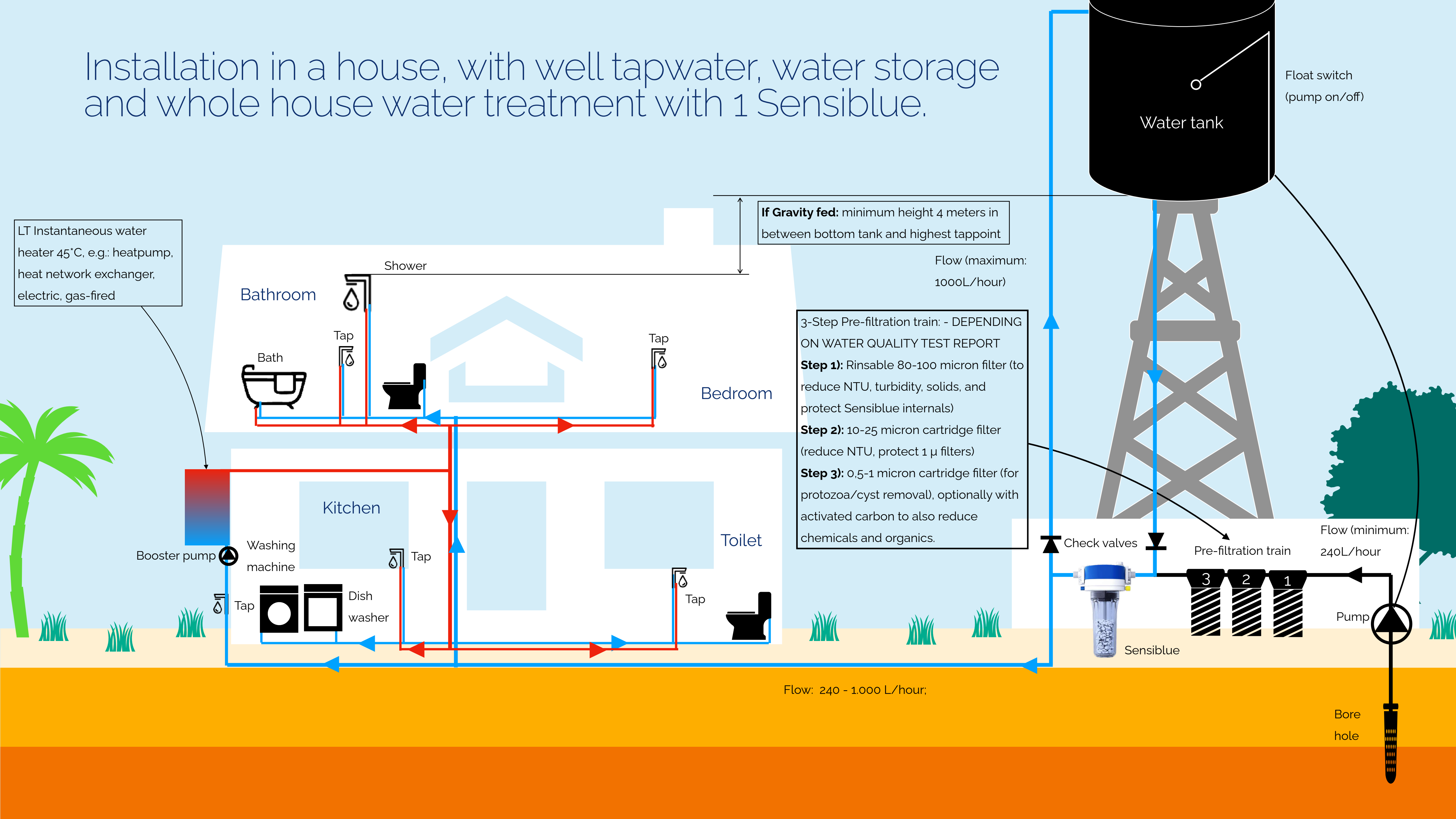
If Gravity fed: minimum height 4 meters in between bottom tank and highest tappoint

Flow (maximum: 1000L/hour)

3-Step Pre-filtration train: - DEPENDING ON WATER QUALITY TEST REPORT
Step 1): Rinsable 80-100 micron filter (to reduce NTU, turbidity, solids, and protect Sensiblue internals)
Step 2): 10-25 micron cartridge filter (reduce NTU, protect 1 µ filters)
Step 3): 0,5-1 micron cartridge filter (for protozoa/cyst removal), optionally with activated carbon to also reduce chemicals and organics.

Flow (minimum: 240L/hour)

Flow: 240 - 1.000 L/hour;





RAIN WATER

Rain is plentiful, but never pure. Sensiblu makes it safe to - and to drink.

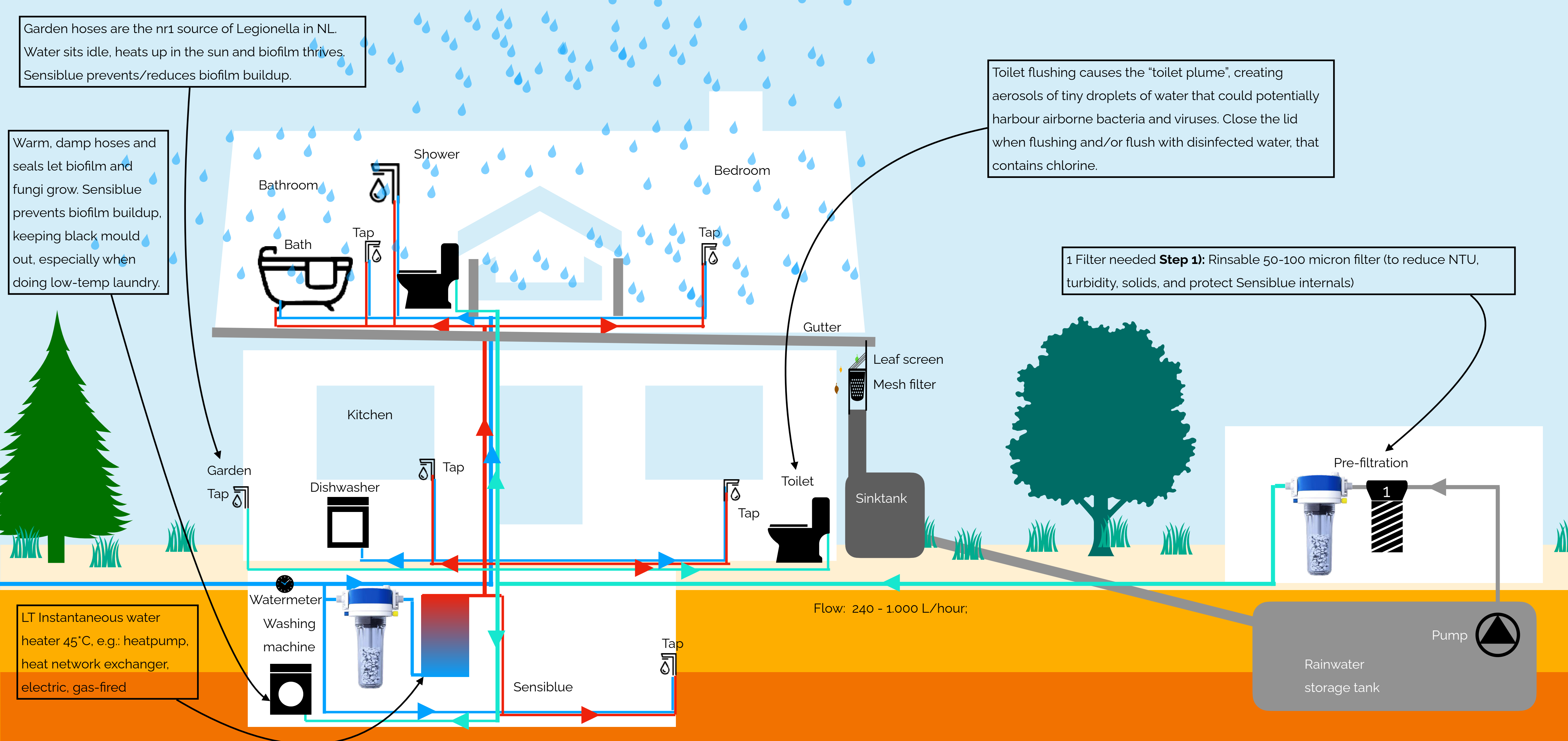
Rainwater catchment system in a house, with water storage, grey water use for toilets, washing machine & garden. And a 2nd Sensiblu use for saving energy on hot water

Garden hoses are the nr1 source of Legionella in NL.
Water sits idle, heats up in the sun and biofilm thrives.
Sensiblu prevents/reduces biofilm buildup.

Warm, damp hoses and seals let biofilm and fungi grow. Sensiblu prevents biofilm buildup, keeping black mould out, especially when doing low-temp laundry.

Toilet flushing causes the "toilet plume", creating aerosols of tiny droplets of water that could potentially harbour airborne bacteria and viruses. Close the lid when flushing and/or flush with disinfected water, that contains chlorine.

1 Filter needed **Step 1**: Rinsable 50-100 micron filter (to reduce NTU, turbidity, solids, and protect Sensiblu internals)



LT Instantaneous water heater 45°C, e.g.: heatpump, heat network exchanger, electric, gas-fired

Flow: 240 - 1.000 L/hour;

Rainwater storage tank

Pump

Sensiblu

Watermeter
Washing machine

Garden Tap

Dishwasher

Kitchen

Bathroom

Bath

Tap

Shower

Tap

Bedroom

Tap

Gutter

Leaf screen
Mesh filter

Sinktank

Toilet

Tap

Tap

Rainwater catchment system with water storage, municipal water & backup when needed.

Garden hoses are the nr1 source of Legionella in NL. Water sits idle, heats up in the sun and biofilm thrives. Sensiblu prevents/reduces biofilm buildup.

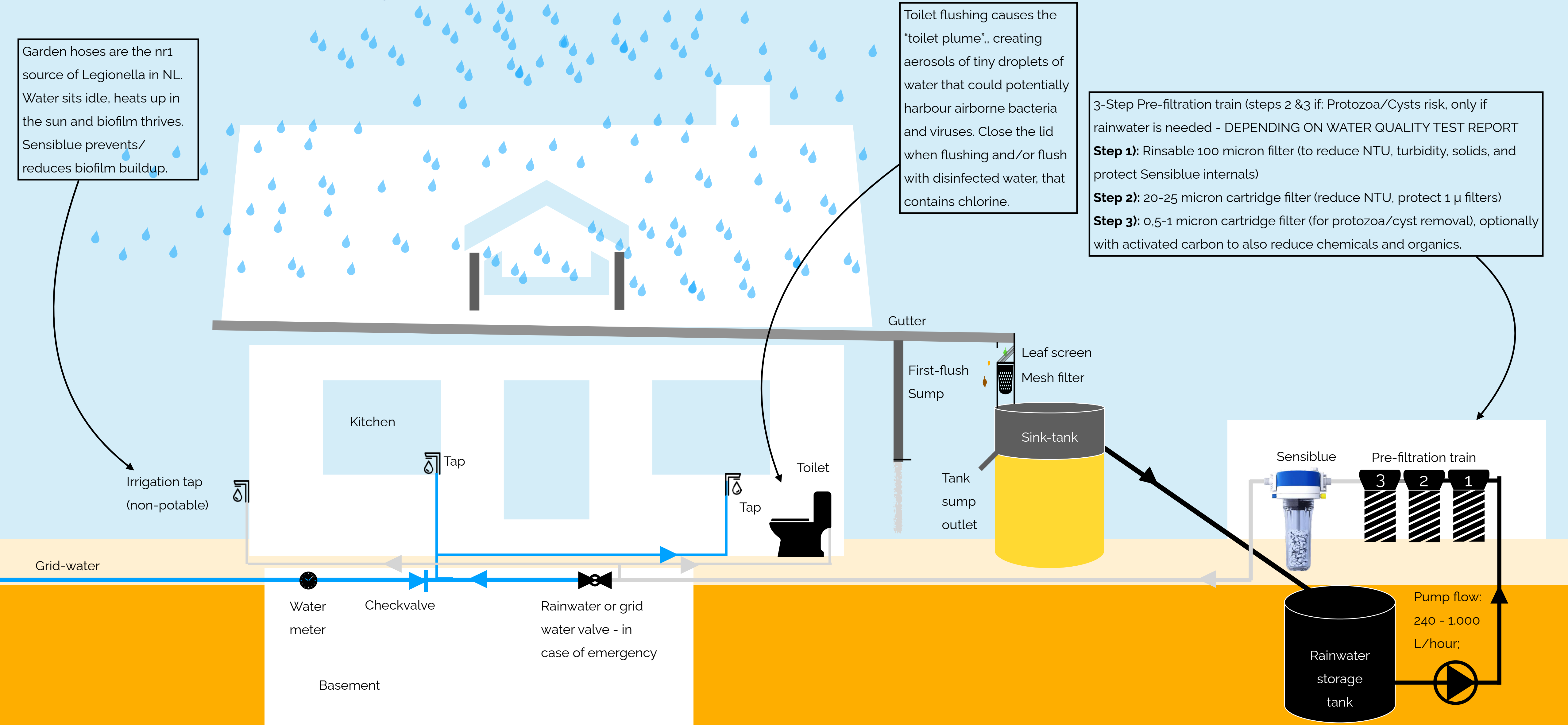
Toilet flushing causes the "toilet plume", creating aerosols of tiny droplets of water that could potentially harbour airborne bacteria and viruses. Close the lid when flushing and/or flush with disinfected water, that contains chlorine.

3-Step Pre-filtration train (steps 2 & 3 if: Protozoa/Cysts risk, only if rainwater is needed - DEPENDING ON WATER QUALITY TEST REPORT)

Step 1): Rinsable 100 micron filter (to reduce NTU, turbidity, solids, and protect Sensiblu internals)

Step 2): 20-25 micron cartridge filter (reduce NTU, protect 1 µ filters)

Step 3): 0,5-1 micron cartridge filter (for protozoa/cyst removal), optionally with activated carbon to also reduce chemicals and organics.



THANK YOU

Next Sensiblue B.V.

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