



**SANOSIL**  
DISINFECTANTS FOR LIFE 

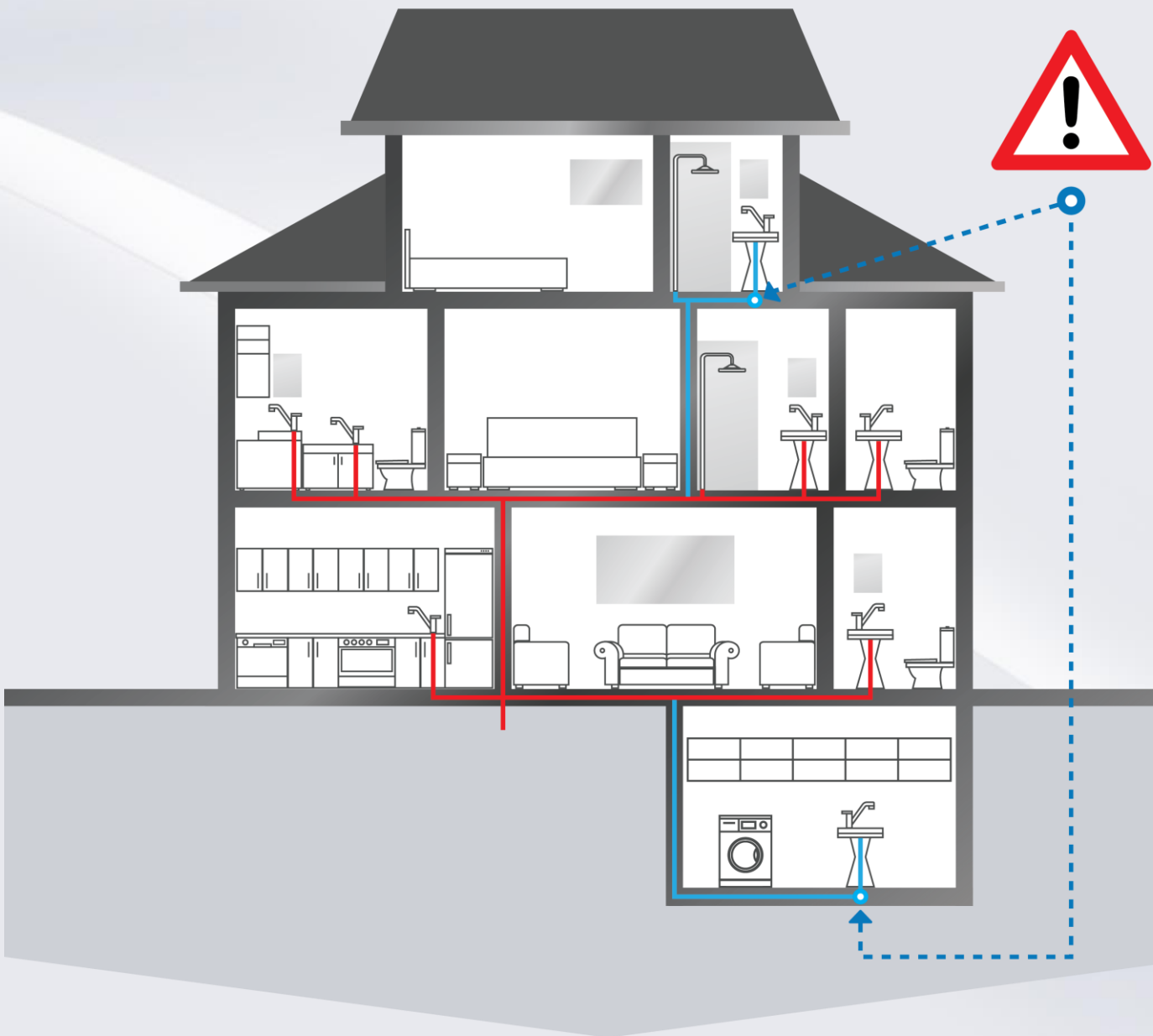
# LEGIONELLA CONTROL (easy steps)



- Legionella basically refers to harmless bacteria which can breed in drinking and process water. At warm temperatures (25–50°C) they begin to multiply and to grow.
- If water containing Legionella bacteria is sprayed, infectious aerosols are produced.
- These aerosols can cause severe or fatal pneumonia when inhaled!



In domestic installations, long, rarely used water pipes harbour a danger.



Especially if the water temperature never rises above 50 – 60°C.

## How to recognize a legionella infestation:



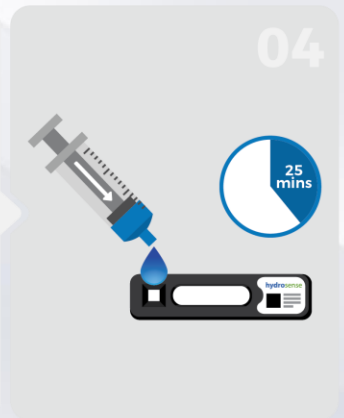
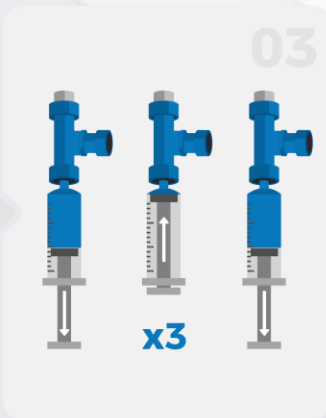
DIY – Legionella test kit

OR

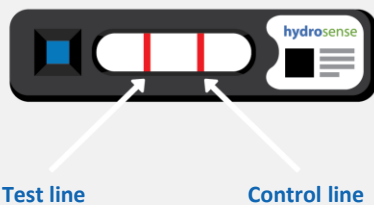


Laboratory examination

## DIY test, step by step

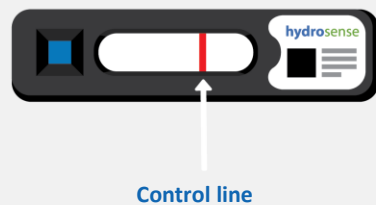


### Positive test result



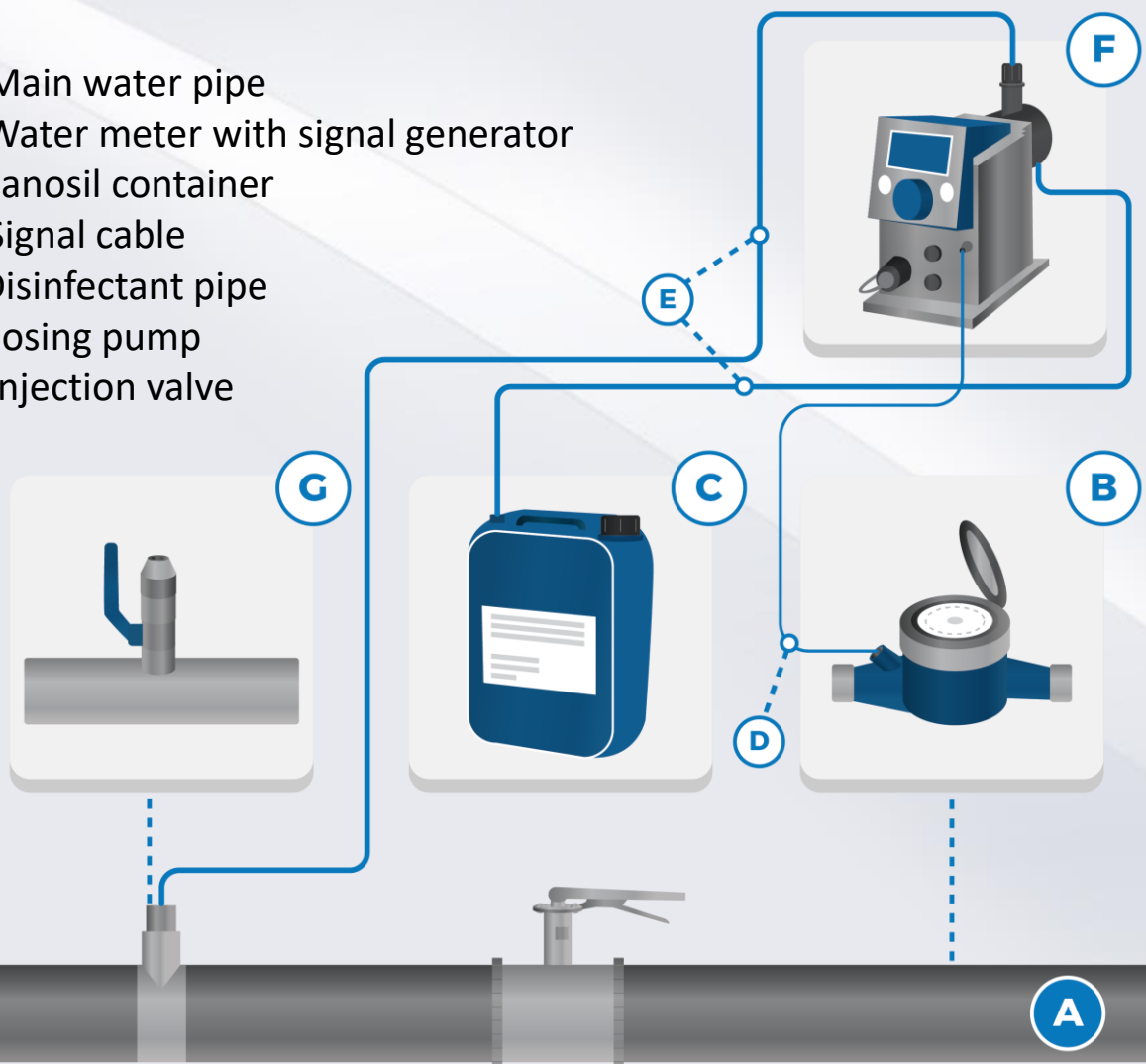
OR

### Negative test result



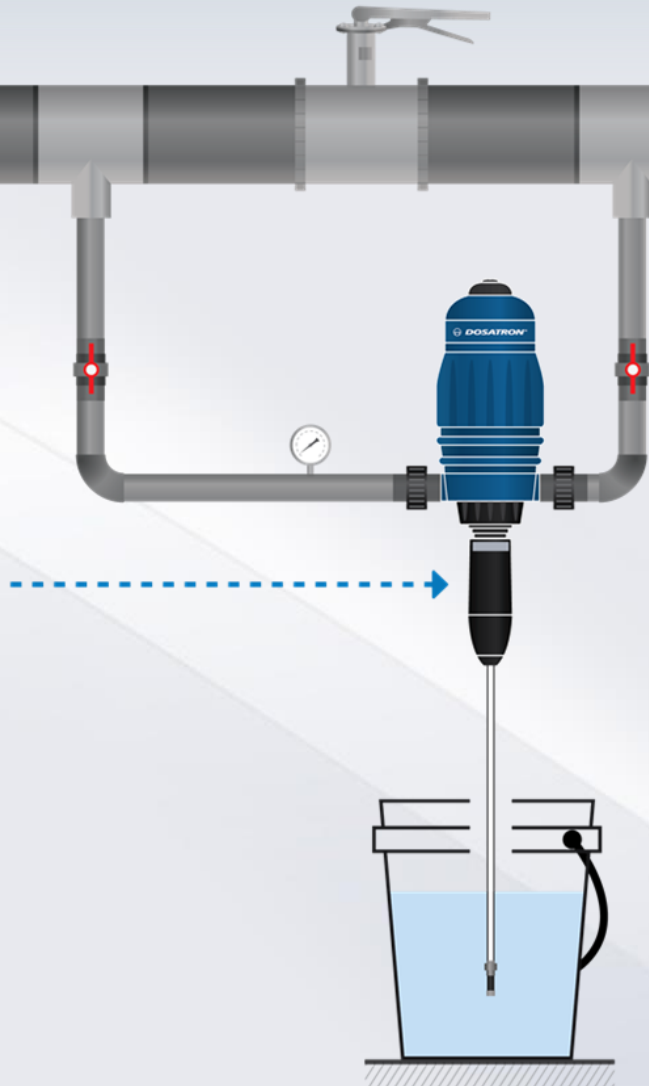
## Installation diagram variant 1: With dosing pump (ideal for permanent installation)

- A. Main water pipe
- B. Water meter with signal generator
- C. Sanosil container
- D. Signal cable
- E. Disinfectant pipe
- F. Dosing pump
- G. Injection valve



## Installation diagram for variant 2: **Dosatron**

With **Dosatron** device  
(proportional dosing unit)



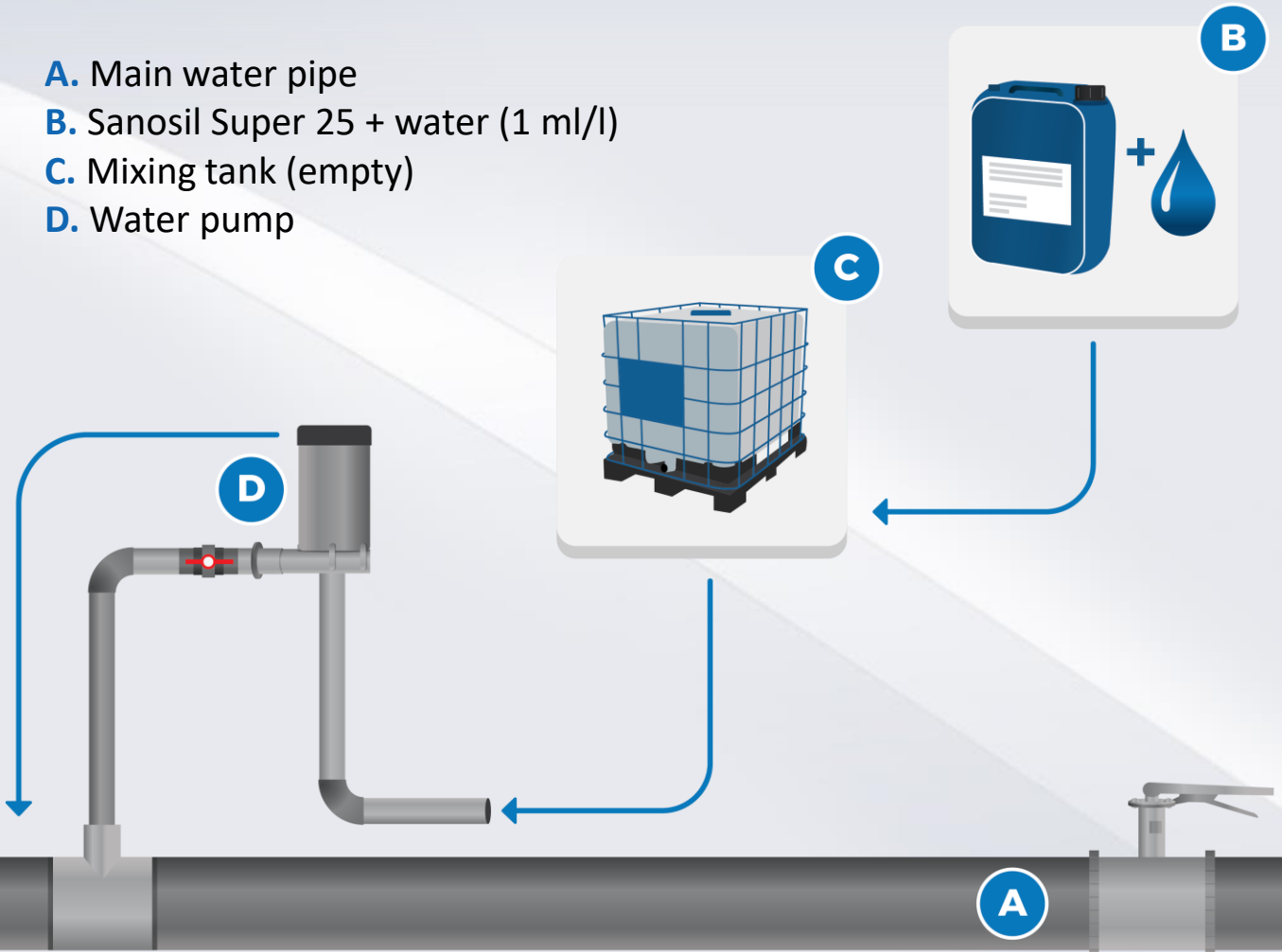
1ml Super 25/l = Adjust Dosatron x 0.1%

**OR**

10 % solution Sanosil Super 25 = x 1%  
(Mix 1 part Sanosil Super 25 + 9 parts  
water, adjust Dosatron x 1%).

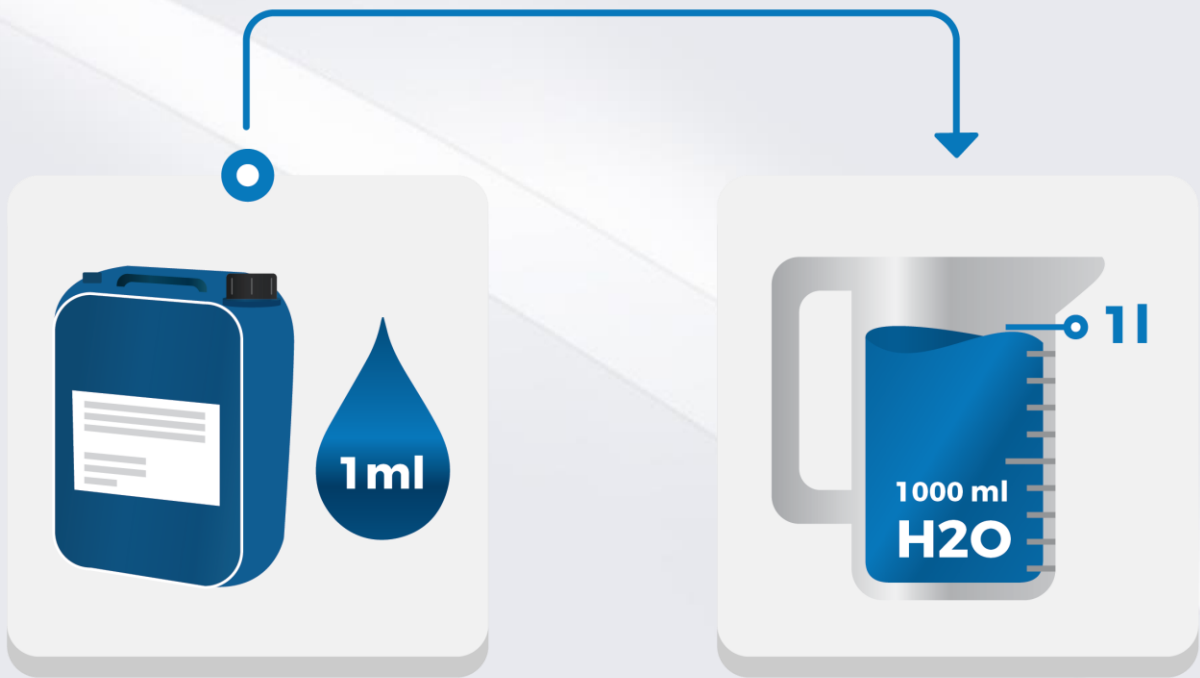
## Installation diagram for variant 3: **Without** any metering or dosing unit

- A. Main water pipe
- B. Sanosil Super 25 + water (1 ml/l)
- C. Mixing tank (empty)
- D. Water pump



Mix the disinfectant solution in a tank, pump the solution into the pipe

## Select dosage and start dosing: Shock disinfection

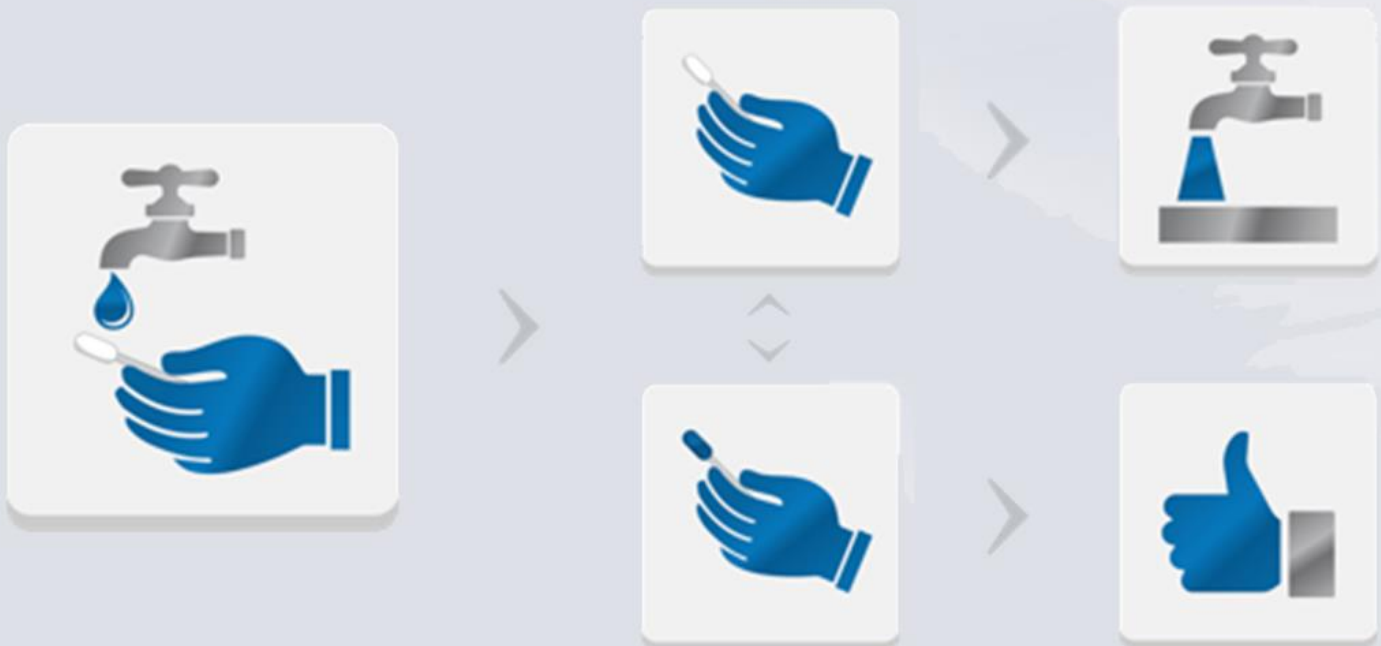
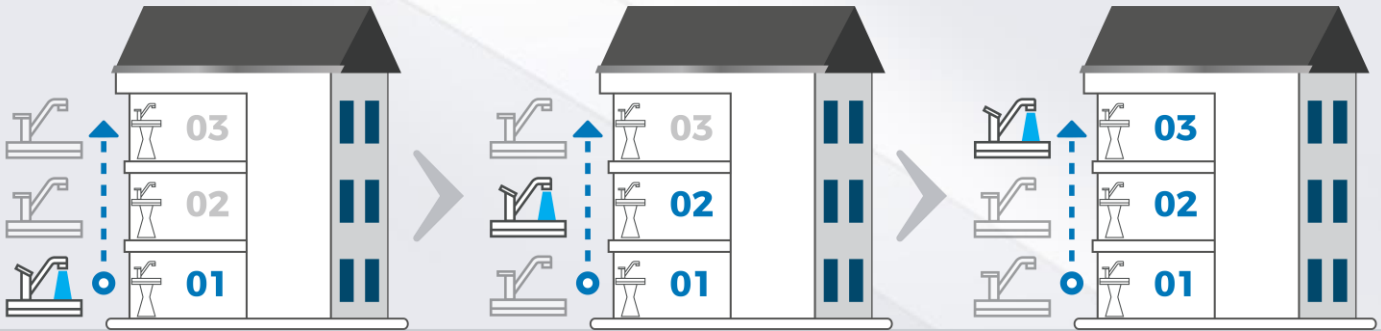


**1ml Super 25 / 1l water**  
(= 1000 ppm)



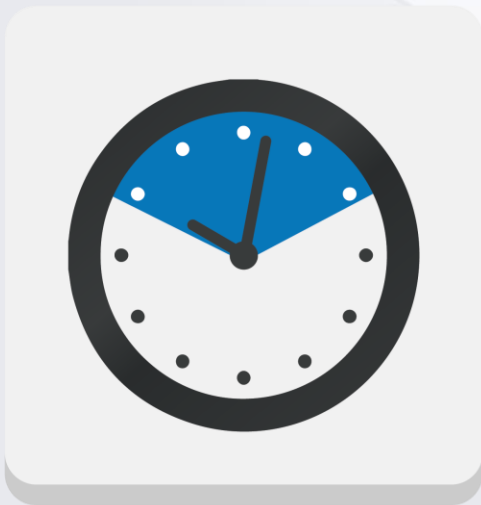
## Fill the pipe with disinfectant

- **Start on the ground floor.**
- **Open each tap** one by one.
- **Test with the Sanostrip200** - as soon as the strip turns blue, close the tap again.
- **Continue with the 1st floor** and repeat the procedure.
- **Continue with the 2nd floor...**



Stop dosing and wait at least 4h\*.

Don't drink or use the disinfection solution.

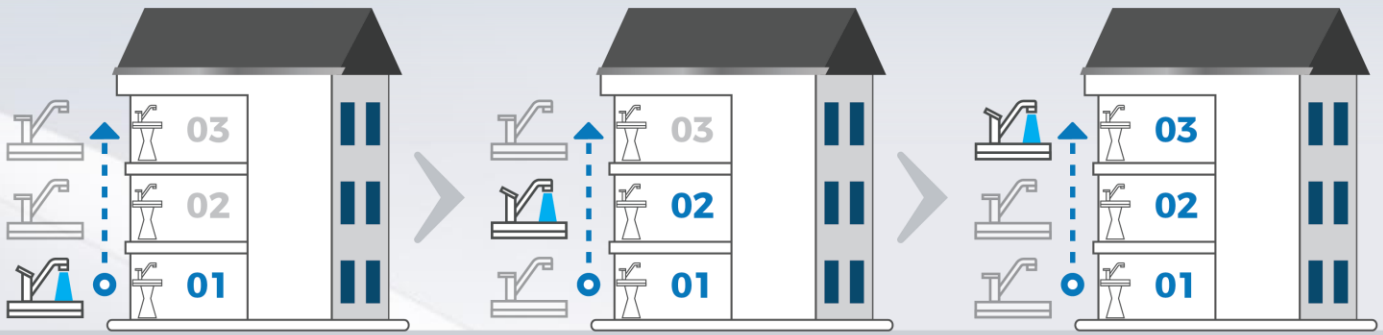


\*Test Legionella Control: EN 13623:

Result: Sanosil Super 25 1m/l, Log 5 reduction in **60 min** under clean conditions.

Under doubtful conditions / possible presence of biofilm, we recommend a contact time of **at least 4h**.

### Flush the pipes

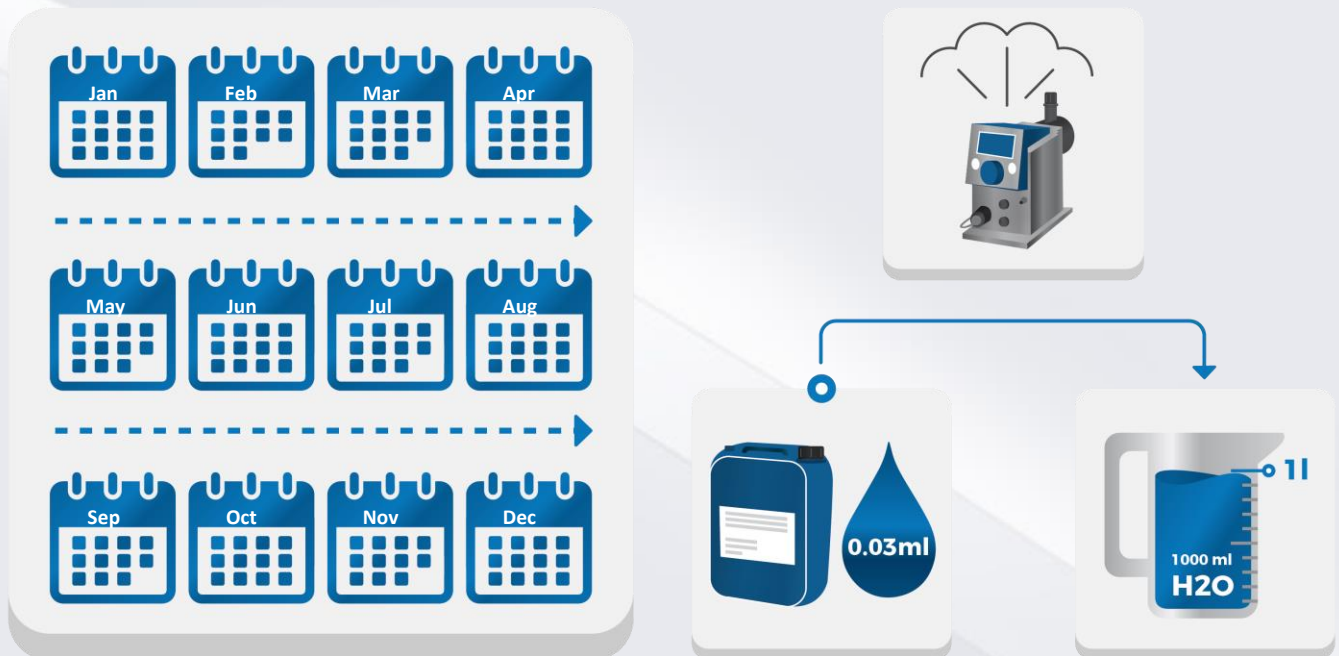


- **Start on the ground floor.**
- **Open each tap one by one.**
- **Check with SanoStrip 200** - as soon as the strip stays white, close the tap.
- **Continue with the 1st floor and repeat the procedure.**
- **Continue with the 2nd floor...**
- **JOB DONE!**



## Variant 1: continuous treatment

is preferable if continuous treatment is possible

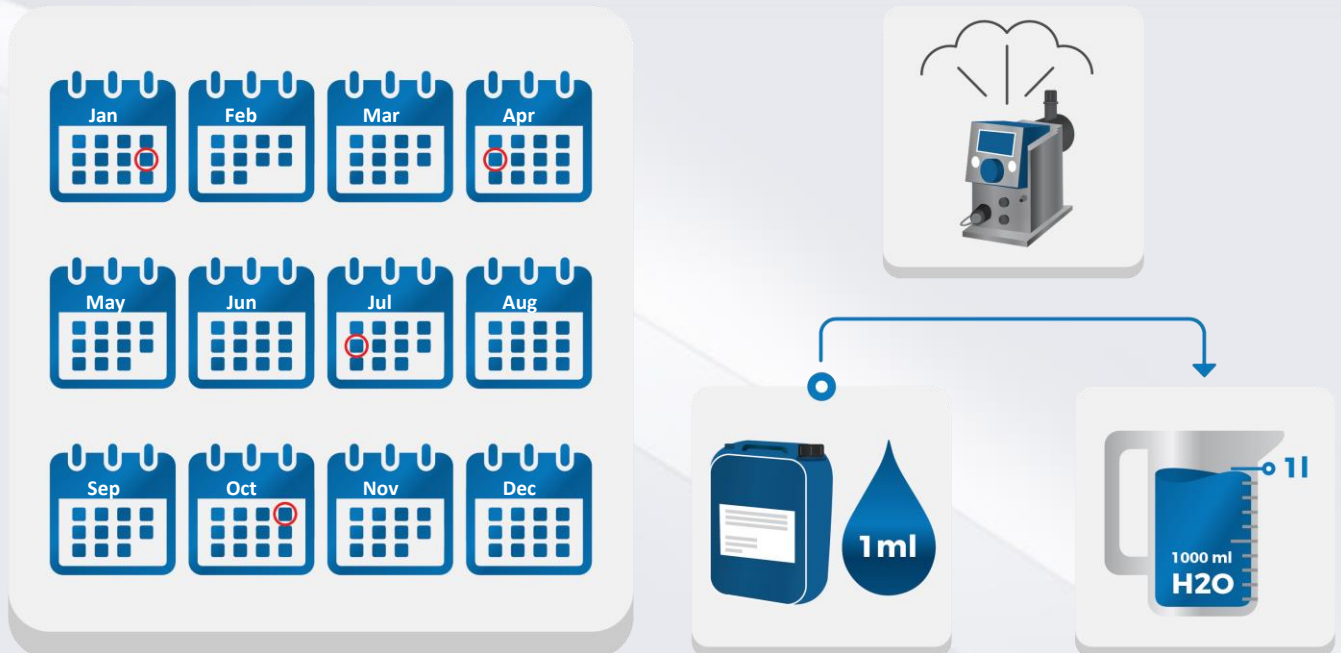



## Action

- Install a fixed dosing pump.
- **Dose continuously with 0.03ml Super 25 / l water.**
- Check the water frequently with Sanostrips:  
As long they turn blue = NO LEGIONELLA GROWTH

## Variant 2: discontinuous treatment

is preferable if continuous treatment is not desired or permitted



 **Remember:** disinfect the water system!

## Action

- Simply start with Step 1.  
Shock treatment with 1ml Super 25 / l water) every few weeks or when necessary.