

Mistral  
CRÉATEUR DE FONTAINES À EAU DEPUIS 1952

tobesure  
water quality system

The bacteriological control of water  
from the first to the last drop



tobesure

Secured water coolers

The assurance of a pure water

## HEALTH FACILITIES

According to the guidebook of water: “in Health Facilities, water has numerous functions demanding specific qualities. It can be a source of serious infections in case of contamination, especially for the most sensitive patients. The main sanitary risks linked to water in Health Facilities have to be identified and estimated to determine how to control those risks.

## COMPANIES

According to Article R232-3-2 from the French Labor Law (decree of May 7, 1993) ; “the employer has to make available a drinkable and fresh water point for all its salaries.”

Water is a source of well-being for the employees: to offer a qualitative water point is an essential advantage for the well-being of its co-worker.

A company has every interest to place a water cooler in its premises.

### DID YOU KNOW ?

#### KEYS DATAS TO HELP.

Below the microbiological elements to judge the quality of water and the target levels:

- + Aerobic flora revivable at 22°C: < 100 CFU/ml
- + Aerobic flora revivable at 36°C: < 10 CFU/ml
- + Pseudomonas aeruginosa: < 1 CFU / 100 ml
- + Escherichia coli: < 1 CFU / 100 ml  
(Non-exhaustive)

## Drinkability and bacteriological control

### The regulatory framework is getting tougher

The 98/83/CE directive sets at an European level the requirements to respect about the quality of waters meant for human consumption. This directive was transposed into French law in the Public Health Code, in articles from R. 1321-1 to R. 1321-66.

The decree of January 11, 2007 sets quality norms to respect for a number of substance in drinkable water including chlorine, limestone, lead, nitrate, pesticide and bacteria.

Current regulations require a strict control of the germs present, knowing that some of them are naturally developed by human and mammals intestine. Treatments of clarification and disinfection make it possible to eliminate them efficiently.

In Health Facilities, the management of water quality is a real concern on which every team leader must engage its responsibility. Also, the book named “Technical guidebook of water” was especially written for Health Facilities so they can stay attentive and alert about their water quality management.

In this guidebook, the risks of bacteriological contamination are identified to help Health Facilities to become aware of all the risks linked to water distribution.

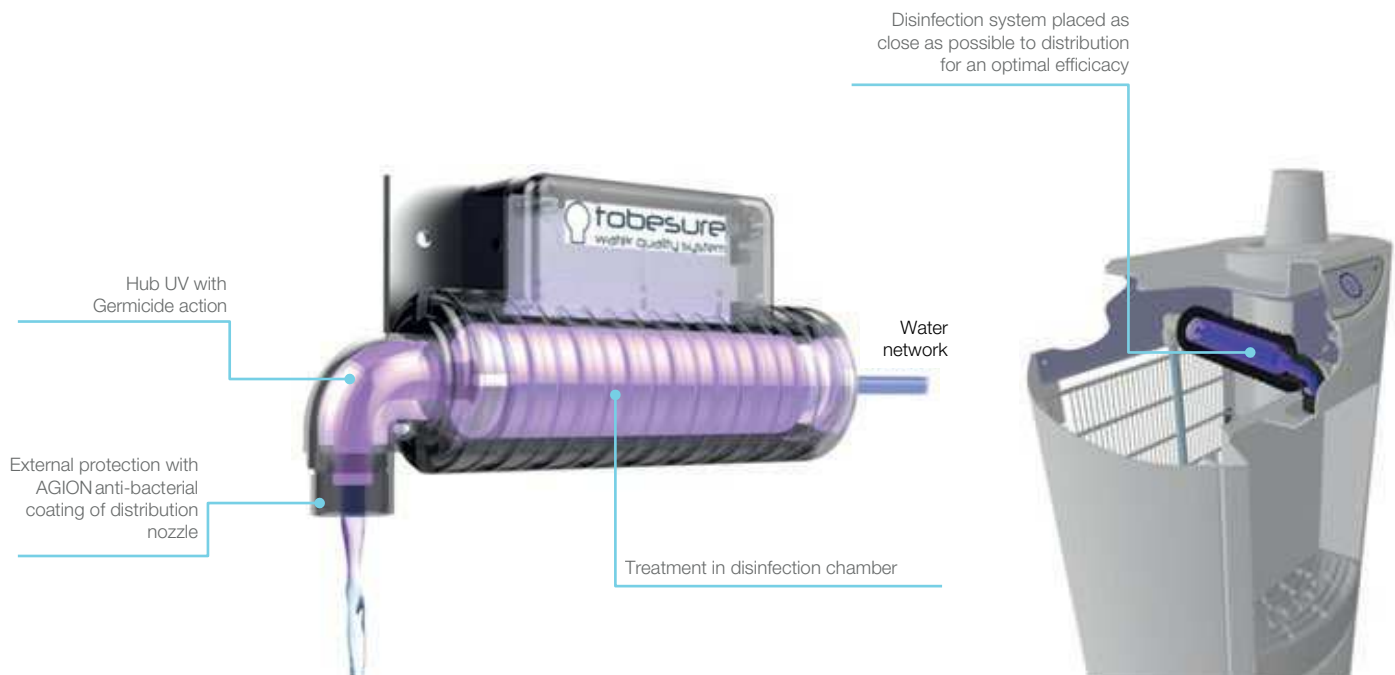
- Water stagnancy in the circuits because of a long period without distribution
- Formation of biofilm
- Back-contamination by air contact or user contact.



### ToBeSure® CERTIFICATIONS



# ToBeSure® the efficient and secured continuous hydration until the last drop



Successful and efficient, the TBS system eliminates instantly all bacteria and germs in water. Within a few milliseconds, the water we drink is cleared from micro-organisms to keep only the best: a pure water.

Below, this example from a testing workbench made on ToBeSure® systems in real use conditions, clearly shows the efficiency of the system on infected areas.  
During all its lifetime, the TBS disinfection system is a real antibacterial weapon from the first to the last drop :

Voluntary back-contamination	Calibration	TBS N°1		TBS N°2		TBS N°3		Variance
		New	End of life	New	End of life	New	End of life	
ESCHERICHIA COLI NF EN ISO 9308-1 • germs per 100ml	33 000 000	0	0	0	0	0	0	0
PSEUDOMONAS AERUGINOSA • germs per 100 ml	4 100 000	0	0	0	0	0	0	0
AEROBICS GERMS 36°C NF EN ISO 6222 • germs per 1ml	960 000	0	0	1	0	0	0	NS



## ToBeSure® an high-performant system



ToBeSure® is an innovative system patented to be the solution for purification of the water distributed in water coolers.

Composed of an environmentally-friendly disinfection UV system (without mercury) ToBeSure® is innovative thanks to its efficiency in 3 steps : water from network is first purified with a depth treatment by UV ray in disinfection chamber, then, just before distribution, water passes in an hub UV which accelerates the ultraviolet treatment to finalize water purification ; and finally the external surface is treated with AGION an antibacterial coating efficient to avoid any back-contamination. In addition to being efficient, ToBeSure® shows a long-term efficacy, with a purification capacity of 20.000 liters of water.

A system with a weak energy consumption which is activated only a few milliseconds before distribution. ToBeSure® only costs 1€ in electrical energy during its lifetime.



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