Mistral

CRÉATEUR DE FONTAINES À EAU DEPUIS 1952

tobesure

water quality system

Water bacteriological control from the first to the last drop

TBS_Maitrise_bacteriologique_27-02-2017

Secured water coolers tobesure

The assurance of a pure water source

The assurance of a pure water source

tobesure

HEALTH CARE FACILITIES

According to the water technical guide, "In health care facilities, water has several functions requiring specific qualities. It can be the source of serious infections, in case of contamination, and more particularly for the most vulnerable patients. The main sanitary risks linked to water in these health care facilities must be identified and evaluated to determine the best way to understand them and control them.

EN ENTREPRISE

According to article R.232-3-1 from French Labor Code (decree from Mai 7th, 1993), "the employer have to provide a fresh and drinkable water to his employees." Water is a source of well-being for salaries : providing quality water is an essential asset for your co-workers' well-being.

Did you know ?

QUELQUES DONNÉES CLÉS POUR MIEUX VOUS REPÉRER.

Ci-dessous les éléments microbiologiques pour juger de la qualité de l'eau ainsi que leur niveau cible :

+ Flore aérobie revivifiable à 22°C : < 100 UFC/ml
+ Flore aérobie revivifiable à 36°C : < 10 UFC/ml
+ Pseudomonas aeruginosa : < 1 UFC / 100 ml
+ Escherichia coli : < 1 UFC / 100 ml

(Non exhaustif)

Potability and bacteriological control

An harder regulatory framework for water quality.

98/83/CE directive establish, at an European level, the requirements to respect about quality of waters dedicated to human consumption. This directive was transposed into French Law, in the Code of Public Health, in articles R. 1321-1 à R. 1321-66.

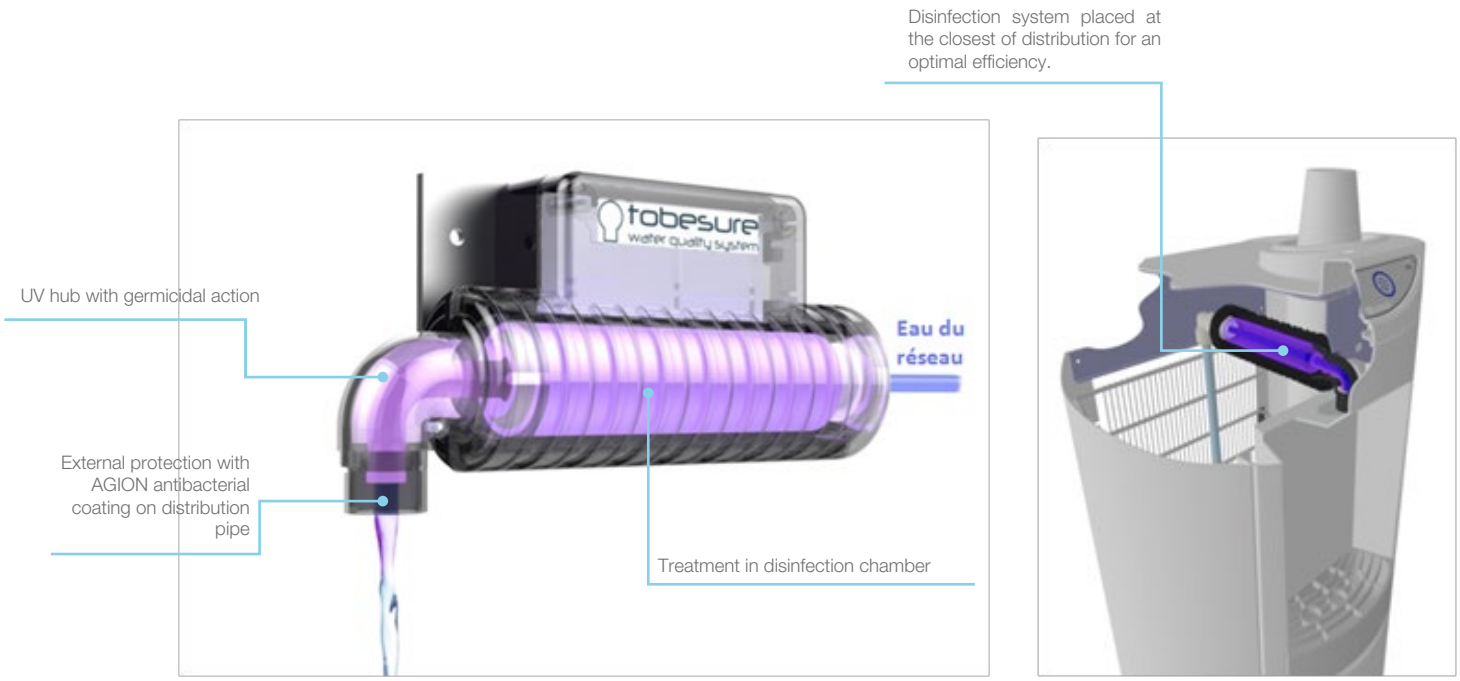
The decree from January 11th, 2007 fix quality normes to respect for quite a few substances in drinking water including chlorine, limestone, lead, nitrate, pesticide and bacteries.
Current standards order strict controls on present germs, knowing that some of them are naturally present in human and mammals' intestine.
Clarification and disinfection treatments eliminate them efficiently.
In Health Care Facilities, quality water management is a real concern as every director engage his own responsability. Therefor, a book named *Water Technical Guide*, was especially written for Health Care Facilities so they stay alert and watchfull on their quality water management.

In this guide, microbiological contaminations risks are identified to help these establishment to be aware of the risk factors linked to drinkable water distribution :

- Water stagnancy in pipes due to a long time without utilisation
- Formation of biofilm
- Back-contamination of the distribution point by air or direct contact

TOBESURE CERTIFICATIONS

ToBeSure® The efficient, continuous and securised hydration until the last drop



Performant and efficient, the ToBeSure system eliminates instantly bacteries and germs in water. Within milliseconds, the water we drink is cleared of microorganisms to maintain a great quality and guarantee a pure water.

Below, this exemple of test bed done on ToBeSure systems in real use conditions, clearly demonstrates the efficiency of the system on an infected area.

During all its lifetime, ToBeSure disinfection system is a real antibacterial weapon from the first to the last drop :

Volunteered backcontamination	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
EROBIC GERMS 36°C NF EN ISO 6222 • germs per 1ml	960 000	0	0	1	0	0	0	NS

ToBeSure® a high-performance system

ToBeSure is an innovative system, patented to be the solution for the purification of water distributed by water coolers.
Composed of an environmentally-friendly UV disinfection system (without mercury), ToBeSure® innotion relays on its action efficiency in 3 steps : water from water supply is first purified with an in-depth treatment with UV radiation in disinfection chamber, then, just before distribution, water goes through an UV concentrator accelerating ultraviolet treatment to finish water treatment ; and finally, the water outler is treated with AGION, an antibacterial coating capable of preventing any back-contamination. In addition to be effictive, ToBeSure state a long-term efficiency, with a purification capacity of 20.000 liters.

System with a low energy consumption activated in a few milliseconds before distribition, ToBeSure only costs 1€ in electrical energy during its entire lifetime.