ToBeSure®

Unique microbiological purification technology

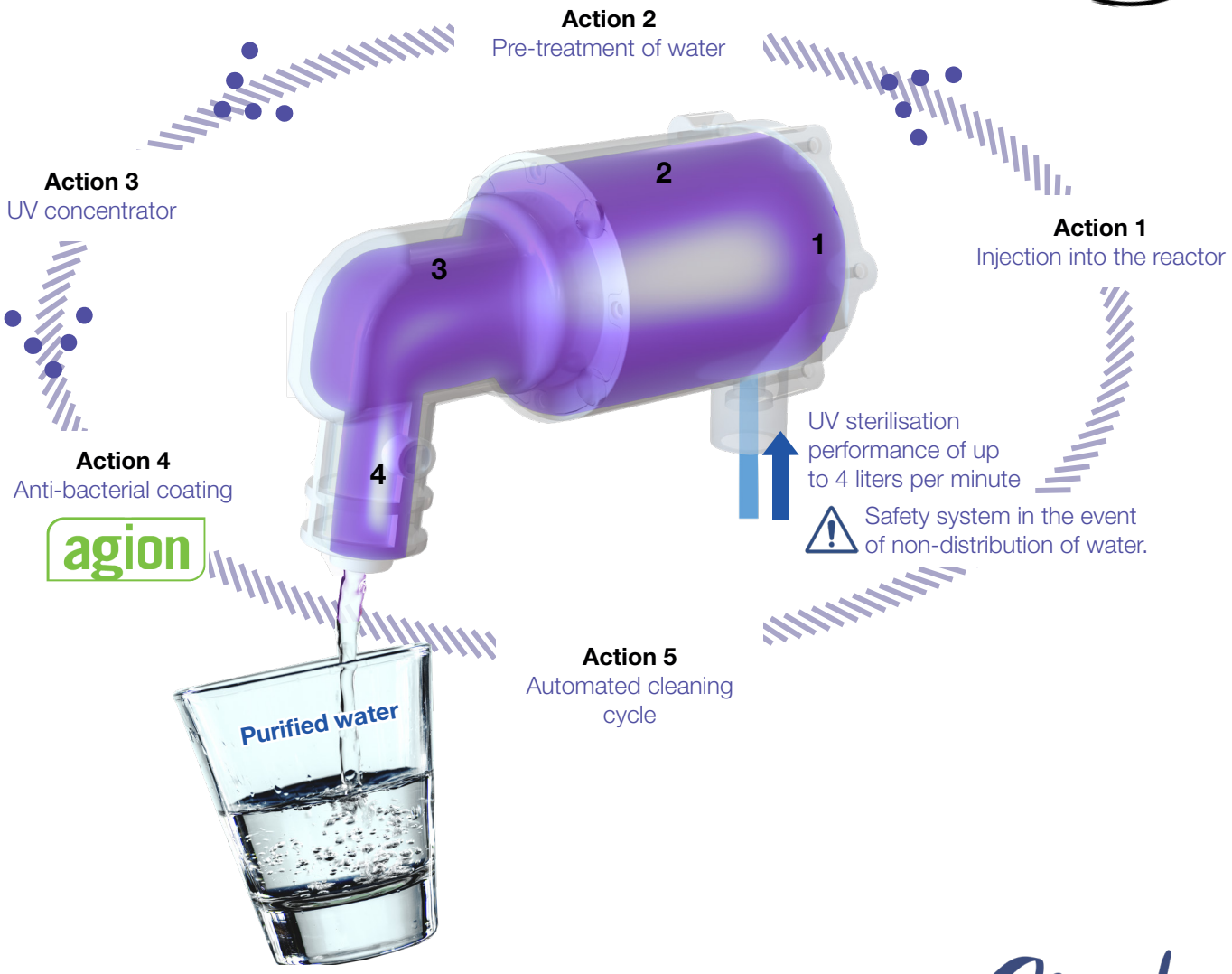
High-performance and reliable 100% of the time, the ToBeSure® system instantly eliminates bacteria and germs from water. In just a few milliseconds, **the water is 99.99999% free of pathogenic germs**.

The use of **LEDs** offers much greater disinfection efficiency than classic UV treatment thanks to their ultra-powerful light output. Moreover, their **exceptional lifetime** guarantees optimum system operation throughout the life of the fountain, with **no reduction in performance**.

Thanks to its patented injection system, the water is projected through **multiple cavitation chambers**, as close as possible to the source of UV radiation, thus improving the effectiveness of the treatment. These hydrodynamic constraints create a vortex inside the reactor that energises the water to improve its properties.

3 steps for in-depth germicidal action

MAÎTRISE BACTÉRIOLOGIQUE • Microbiological purification •



- Made in France - bluit in our factories in Ris-Orangis
- 100% repairable
- 20-year repairability guarantee

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ToBeSure®

5 actions for total microbiological purification

ACTION 1

The water is projected as close as possible to the ultraviolet (UV) source through **6 channels allowing multiple hydrodynamic cavitation** in order to improve the ultraviolet treatment by destroying biofilm clumps.

ACTION 2

The water passes into a **disinfection chamber** where it is pre-treated by a first projection of UV rays which initiates the water purification process. Thanks to the patented structure of this chamber, the water is energized by a Vortex effect.

ACTION 3

The water passes through the UV LED concentrator which amplifies and accelerates the UV radiation treatment at the point of distribution. **Micro-organisms, bacteria and germs are eliminated instantly.**

All these actions take place in a few milliseconds to distribute water purified from its biological micro-organisms, from the first to the last drop of water distributed.

ACTION 4

Finally, the water is distributed by a nozzle whose walls have an **AgION®* anti-bacterial coating**, protecting the exterior parts from any contamination.

ACTION 5

Even if the reactor empties its contents after each distribution, and in order to avoid any residual stagnation or the formation of biofilm, the **ToBeSure® system** purges itself every 6 hours.

The reactor continuously monitors its operating status and, in the event of an anomaly or malfunction, immediately interrupts water distribution in order to prevent any potential risk.

* AgION® microbacterial protection technology is a manufacturing process consisting of incorporating silver ions at the time of injection of the plastic part.
This reliable, durable and effective technology allows a bacteriostatic effect with a reduction of 99.99%.
The silver ions incorporated into the material continuously act with microbes to deactivate them and prevent their spread.