

Doing good with water

MAZE™ & UV Lamp



What's in your water?

Access to safe drinking water is a major challenge worldwide. As a result, some areas rely on desalination, which produces water lacking in healthy ingredients. Other areas use natural tap water, which includes the natural minerals and salts our bodies need, but it can also contain contaminants from agriculture and industrial sources and from personal use, such as dirt, chemicals, heavy metals, rust, plastic, medical waste, hormones, viruses and bacteria. Most contaminants people cannot detect, as they have no impact on color, taste or smell, but some like E. coli affect not only the taste and smell, but also the safety of the water you drink.

Even in locations where the local municipality supplies good quality water, old pipes in the “last mile”, for example, or in your home can leach impurities into the water.

Why filtering isn't enough?

There are many types of water filters. Simple water filters remove sediment from your water. Carbon filters also remove chlorine, which improves taste, but they don't remove most harmful chemical or biological contaminants. Reverse osmosis filters remove heavy metals as well as other contaminants, but at the same time they remove vital minerals and waste water.

Designed with the world's most advanced MAZE™ water filtration and purification system together with the UV technology, Strauss water Dispensers keeps essential minerals such as calcium and magnesium in your water while removing chemical, biological and other contaminants.

Strauss water's Dispensers conforms to NSF/ANSI 42, 53, and 401 standards, one of the stringent water treatment standards in the world.



Experts opinion

Dr. Gary Hatch



"There are no products that can compete with Strauss Water's MAZE™ under the Water Bar/Dispenser category. Therefore, the MAZE™ is still the best and most advanced product technology available."

PhD, Chemistry with a focus on Water Disinfection; patent owner and expert on drinking water treatment standards; possesses more than 40 years' experience in water treatment and filtration industry.

Dr. Richard Danielson



"Strauss POU water dispenser can be considered an advanced and superior solution for a microbiological barrier relative to other water dispensers in the Water Bar category."

PhD, Public Health; former Chief of the Environmental Microbial Diseases section of the Microbial Diseases Laboratory, California Department of Health Services; Laboratory Director of microbiological testing laboratory

100% of the water is treated without waste



Water Treatment

MAZE™ water filter

The patented MAZE™ water filter applies the world's most advanced water purification technology, producing the cleanest glass of water. It conforms to NSF/ANSI 42, 53 and 401 standards, the most stringent water treatment standards in the world.

Unlike simpler water filters that usually only remove sediment and chlorine, the MAZE™ water filter also removes harmful chemical and biological contaminants - including asbestos, pesticides, hormone residue, pharmaceuticals, heavy metals such as lead and mercury, and 99.99% of cysts. It also reduces limescale that can build up in heavy water. At the same time, it leaves in the vital salts and minerals your body needs, such as calcium and magnesium.

The MAZE™ water filter maintains consistently effective purification throughout its lifespan. It achieves the highest ratings according to the strictest quality standards and international regulations. The MAZE™ water filter ensures that you and your family will enjoy high-quality, safe, tasty and satisfying clean water.

The patented MAZE™ water filter was recognized by experts as the world's most advanced water purification technology in the countertop water dispenser category and has been certified by the NSF. It removes the bad and keeps the good in water, has zero water waste, and provides the tastiest and healthiest glass of water according to local research.

The MAZE™ filter is a smart filter. It records water usage, provide trackability to the assembly line and indications and alerts which are then displayed on the water dispenser panel and app.

- Certified by NSF for NSF/ANSI 42, 53, and 401 standards, the most stringent water treatment standards in the world
- Improves taste and odor
- Reduces health concerns by eliminating heavy metals such as lead and mercury, and contaminants from agricultural, industrial, and individual use sources such as drugs and hormones
- Easy, tool-free maintenance
- Replace every 6 months or 2,000 liters/528 gallons, whichever comes first
- Automatic notification when replacement date approaches
- *MAZE - Removes 99.99% of cysts, 99.99% of bacteria and viruses



Certified by the NSF

Aesthetic Effects	Tested according to standard	Minimum reduction	Overall % reduction	Results
Chlorine reduction	SI 1505 Part 1*	> 75%	> 97.4%	Pass
	NSF 42	≥ 50%	> 97.4%	Pass
Particulate reduction of ≥1 micron size	SI 1505 Part 1	≥ 85%	> 99.9%	Pass

Microbiology	Tested according to standard	Minimum reduction	Overall % reduction	Results
Reduction of bacteria (health concern)	SI 1505 Part 1**	≥ 99.99999%	> 99.99999%	Pass
Cyst reduction	NSF 53	≥ 99.95%	> 99.99%	Pass

Health Effects	Tested according to standard	Minimum reduction	Overall % reduction	Results
Asbestos reduction	NSF 53	≥ 99%	99.8%	Pass
Atrazine reduction	NSF 53	≥ 66.6%	97.9%	Pass
Lead	NSF 53	≥ 93.3%	> 95%	Pass
Mercury	NSF 53	≥ 66.6%	80.9%	Pass

Emerging Compounds / Incidental Contaminants	Tested according to standard	Minimum reduction	Overall % reduction	Results
Bisphenol A	NSF 401	≥ 85%	> 99.1%	Pass
Nonylphenol	NSF 401	≥ 85.7%	96.43%	Pass
Linuron	NSF 401	≥ 85.7%	> 96.6%	Pass
TCEP	NSF 401	≥ 50%	>99.9%	Pass
DEET	NSF 401	≥ 85.7%	97.5%	Pass
TCPP	NSF 401	≥ 50%	>99.9%	Pass
Metolachlor	NSF 401	≥ 85.7%	>98	Pass
Estrone	NSF 401	≥ 85.7%	> 96.9%	Pass
Naproxen	NSF 401	≥ 85.7%	> 96.3%	Pass
Atenolol	NSF 401	≥ 85%	> 95.1%	Pass
Carbamazepine	NSF 401	≥ 85.7%	> 98.5%	Pass
Trimethoprim	NSF 401	≥ 85.7%	> 96.5%	Pass
Phenytoin	NSF 401	≥ 85	>95%	Pass

Performance Data Sheet for the Strauss Water MAZE™ Purifier

Model	Operating pressure range	Rated capacity	Operating temp. range	Rated flow
MAZE™	1.5 Bar to 6.0 Bar	2,000L	4°C to 35°C	2 L/Min

- Testing was performed under standard laboratory conditions, actual performance may vary
- Not all contaminants listed may be present in your water
- The MAZE™ purifier does not remove all contaminants that may be present in tap water

*Refer only to MAZE for the IL and US countries.

Do not use with unsafe water such as water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system

- Testing Performed in a standard laboratory conditions and according to NSF/ANSI Standards 42, 53 and 401 and/or Israeli Institute of Standards SI 1505 Part 1.
- This purifier has been tested for reduction of the substances listed below. The concentration of the indicated substances in water entering the purifier was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42, 53, & 401, and/or SI 1505 Part 1.



Water Treatment

UV Purification

UV light is the most effective water purification treatment for cold and room temperature water. Strauss Water's UV destroys 99.99% of disease-causing microorganisms, including bacteria and viruses, without adding chemicals or changing your water's taste or odor.

The Strauss Water UV provides an extra layer of protection. Paired with the MAZE™ filter and UV lamp create a complete purification process, for the safest drinking water. Used together, the Strauss Water MAZE™ water filter and UV lamp produce the purest, safest and best-tasting glass of drinking water.

The UV role in the water dispenser's is to sterilize the bacteria that originate in the tap water or your pipes and even helps prevent the breeding of bacteria. (The hot water tank does not need a UV lamp, as the boiling process itself purifies the water.)

While the MAZE™ water filter effectively eliminates contaminants such as chlorine, heavy metals and organic compounds, the UV lamp sterilizes harmful bacteria and viruses without leaving harmful byproducts like chlorine.

Intelligently controlled, the Strauss Water UV lamp considers the drinking habits of the users. It performs not only regular, periodic treatment, but also personalized treatment based on the needs of the system. It individually treats each glass of cold or room temperature water, thereby helping to serve the freshest and highest quality drinking water.



**UV lamp produce the purest,
safest and best-tasting
glass of drinking water.**



UV Light Values



Meets the most effective water purification treatment standards



Performs as needed automatically to maintain best water geared



Individually treats each glass of cold or room temperature water, assuring freshness



Without tools or technician

Strauss Water's UV Light and unique MAZE™ water filter create a double-stage microbiological barrier that removes all types of contaminants, including 99.99% of bacteria and viruses.

Creating wonders out of water



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