

URSPRING WELL

Seccua's UrSpring Well removes turbidity, bacteria and parasites from your own well's water without the use of chemicals and without any residuals.

Compared to any other conventional filtration, the UrSpring Well not only offers superior performance but, due to its automatic and intelligent self-cleaning program, it also saves your money.

Restore your well water quality

Water from Private Wells can contain harmful contaminants, which pose a health risk to you and your household. These risks include:

- ☞ Pesticides and herbicides. Widely used in agriculture, such contaminants reach into our ground-water sheds. The US EPA considers many of them to be carcinogenic, some disrupt our bodies' hormone system.
- ☞ Residuals of pharmaceuticals, like antibiotics or pain-killers. Such substances get into ground water from the effluent of waste-water treatment systems. Antibiotics are also heavily used in husbandry of live-stock to prevent infections, are then excreted and seep into ground-water. Consuming them through our drinking-water can cause resistance to antibiotics in our organisms.
- ☞ "Crypto" (Cryptosporidium), a waterborne parasite that is very resilient to chlorine disinfection and occurs in every surface water.
- ☞ E.Coli (Escherichia Coli), one of the most common waterborne diseases in America and worldwide.



Medical-grade technology; engineered in Germany

The core of Seccua filtration for purification of your well-water is the UrSpring Well. It's made from the same ultra-fine filter-membrane used in medical instruments to purify blood of toxins during dialysis. Seccua adapted this medical technology to provide the most comprehensive protection against waterborne diseases. The filters are produced from the purest materials and meet the highest quality standards, and this level of quality and craftsmanship is carried over into water purification.

Fully automatic, comfort-enhanced flushing

As the only filter available, the UrSpring Well senses the true state-of-fouling of the filter by measuring flow and differential pressures. This enables the system to flush only if really needed and to minimize the amount of water needed for flushing.

The UrSpring Well does not flush when you are using water. Flushing is then delayed until water consumption ceases again.

Performance Data

Filtration Performance

- ✓ Peak load (short term) : up to 42 Ltrs. /min (upto11 gpm)
- ✓ Continuous load : up to 12 Ltrs. /min (3.2 gpm)

Removal Performance

- ✓ Bacteria (B. Subtilis, E-Coli) : > 99.99% (> 4.7 log tested)
- ✓ Parasites (Cryptosporidia) : > 99.99% (> 4.7 log tested)

Operating conditions

- ✓ Max. Operating pressure : 5 bar (75 psi)
- ✓ Max. Operating temperature : 40°C (104 °F)

Filtration and Cleaning

- ✓ Filtration : Dead-end, no continuous drain flow
- ✓ Cleaning : Flushing by interval or filter- fouling
- ✓ Max. Inlet pressure to filtrate : 2,5 bar (36 psi)

Approvals

All materials NSF 61 and DVGW KTW compliant CE, manufactured acc. to ISO 9001 standards UL and VDE compliant.

Power supply

- ✓ Voltage : 12 V DC, 110 V AC, 230 V AC
- ✓ Power consumption : 1.5 W to max. 5.4 W

Weight & Dimensions

- ✓ Weights and Dimensions
- ✓ Width : 150 mm (5.9 in)
- ✓ Depth : 162 mm (6.4 in)
- ✓ Height : 1268 mm (50 in)
- ✓ Weight (dry) : 12 kg (26.5 lbs)

The various UrSpring models are listed below;

- i) UrSpring Basic
- ii) UrSpring Home
- iii) UrSpring Hot Water
- iv) UrSpring Medical
- v) UrSpring Medisoft