



### 2-YEAR WARRANTY\*

A long warranty period is a great indicator of quality, as a water filter manufacturer would generally not provide a long warranty period if they had no trust in their products. Manufacturers of osmosis systems who provide a 24-month warranty for personal use will be aware of the quality of their units.



### I.U.T. RADIOACTIVITY ASSESSMENT

Since Chernobyl, scientists have had a very clear idea of the havoc that the radioactive isotope caesium-137 wreaks in the human body. The I.U.T. has tested the BestWater water filters for the filtration of caesium-137 and determined that it removes more than 99 % of the caesium-137 from the drinking water.



### ARAG INSURANCE PROTECTION

All BestWater water filtration systems are insured through ARAG. Should any damage be incurred by a manufacturing defect in the water filtration system, ARAG covers the damages.



### BASF-GUARANTEED

All components that water runs through are solely made from food-safe plastics from BASF, and comply with the highest requirements. This ensures that no toxins or unwanted production residue contaminate the water.



### 10-YEAR REPLACEMENT WARRANTY\*

BestWater provides a special service and offers its customers a 10-year exchange warranty whenever a new water filtration system is developed. Customers can return their old system and receive new water filtration system at the manufacturer's cost price.

\* Detailed warranty information can be found in the current Terms & Conditions.



This brochure was brought you to by:

Learn more about BestWater at [www.BestWater.de](http://www.BestWater.de)

### TECHNICAL INFO OF THE JUNGBRUNNEN 22-00 ULTIMATE

Dimensions (height x width x depth)	460 mm x 300 mm x 140 mm
Weight without water	approx. 5,4 kg
Minimal water flow pressure	2,5 bar **
Maximum water flow pressure	7,0 bar **
Water production in 24 hours	150 l **
Water production per hour	6,25 l **
Water production per minute	0,1 l **
Purified water-wastewater ratio	1:2,5 **
Raw water consumption per minute	approx. 0,4 l **
Cold water connection	3/4"

\*\* The consumption data may deviate from the values above depending on water pressure, water hardness, water flow temperature, and room temperature. The values above refer to a flow pressure of 4.0 bar at the water connection.

### WHAT SHOULD I KNOW WHEN BUYING A REVERSE OSMOSIS WATER FILTER?

You can find additional information about what you should look for when buying a reverse osmosis water filter by scanning this QR code with your smartphone.



Should you find a water filtration system that meets at least 50 % of the criteria in the list \*What you should look for when buying reverse osmosis water filters\*, you will get a free BestWater water filtration system!

### PURE ENJOYMENT OF FOOD AND DRINKS

Water is one of the main ingredients in most beverages and dishes. Avid coffee and tea drinkers are aware of the importance of water quality for their drinking pleasure. The clean, pure drinking water filtered by the Jungbrunnen 22-00 ULTIMATE is free of any aromas or flavour agents. Coffee and tea can reveal their true, unadulterated flavour. Soups, sauces, and noodles, potatoes, or vegetables cooked in purified water also have the purest flavour.



### YOUR OWN SOURCE OF DRINKING WATER

Your own source of drinking water is always available in your home. You no longer have to buy drinking water, and hauling crates of water and returning the bottles are things of the past. At the same time you are doing something for the environment and generate less plastic waste. Should your water supply ever fail, you can also fill suitable canisters up with water.



### SAVINGS ON EXPENSES

The cost of BestWater drinking water amounts to only a fraction of that of bottled water, and you save cash with a BestWater water filter. You no longer have to purchase bottled water, transport it, and return the bottles. With one annual filter change and a price of 0.005 €/l of BestWater drinking water, you save up to 391 € per year.

Costs of mineral water per month in a 2-person home  
3 l mineral water (0.13 €/l) per person/day\*  
= 0.78 € x 365 days = **284.70 € per year**

\* recommended daily consumption for one adult



### GENTLE WITH HOUSEHOLD APPLIANCES

Water that contains calcium - hard water - strains household appliances and devices like washing machines, coffee machines, or pots. With a reverse osmosis water filter you will never have to decalcify again. Calcium will no longer affect the life expectancy of your kitchen appliances.



### FOOD-SAFE MATERIALS

Water is an extraordinary solvent, and very easily incorporates into itself items that it comes in contact with. In order to ensure that the water contains no impurities after being filtered, all of the connections in the Jungbrunnen 22-00 ULTIMATE are made from food-safe materials.



Germany has an incredible reputation. "Made in Germany" is an expression of great brand awareness. It represents ingenuity, highly developed technology, innovation, premium production, and - last but not least - good product quality. "Made in Germany" also stands for attributes like reliability, punctuality, discipline, hardworking people, and well-educated specialists. Companies, employers, customers, and consumers all benefit from this quality seal.



With its facility in Beelitz, BestWater consciously chose Germany as its main location, as "Made in Germany" not only conveys where the products were manufactured. Rather, "Made in Germany" also stands for the company's philosophy and the obligation to completely live up to the "Made in Germany" seal. "Made in Germany" is applicable to the company BestWater International in many ways: in its corporate management, its employers, its commitment to German entrepreneurship, and its responsibility to its customers. "Made in Germany" is not a marketing strategy for BestWater International, but rather a commitment and a responsibility.

Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages



Every day the entire company, with all of its employees, lives and works toward the high standard of "Made in Germany". Consumers of the products and services of BestWater International can rest assured that BestWater International's "Made in Germany" seal is guaranteed in its best historical tradition and obligation to the future in all aspects. BestWater International is a mid-sized company and enjoys international success. Family-owned since day one, it produces high-quality water preparation systems for use in private homes, businesses, and food service.



Because of Germany's location in the heart of Europe, everyone who invests in Germany taps the entire market of the European Union as well as the markets of Central and Eastern Europe, with a total potential of 853 million people. That is another reason why BestWater International invests in Germany - because it is our home.

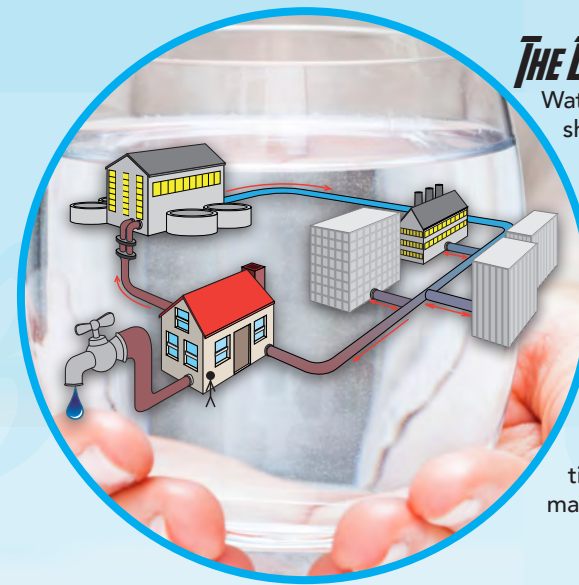


# BestWater<sup>®</sup> JUNGBRUNNEN 22-00 ULTIMATE

## ELEGANT DESIGN FOR AN UNBEATABLE DRINKING WATER







### THE DRINKING WATER SITUATION IN GERMANY

Water plays an important role in our daily lives. Drinking, cooking, washing, cleaning. We take it as much for granted as the air we breathe - a sufficient amount of water is always available. This then begs the question: what about quality?

The water used for agricultural purposes can contain nitrate, fertilizer residue, herbicides, pesticides, and highly toxic, radioactive uranium. Uranium can be found almost everywhere in the world, sometimes even in manifestations that can be easily dissolved in water.

About 8,100 tons of medications are ingested in Germany annually. According to the Federal Environmental Agency these are mainly anti-inflammatory medication, asthma medicine, and psychotherapeutics. Residue from these agents finds its way into the environment, primarily in bodies of water and our drinking water.



### WATER - THE SOURCE OF LIFE

Water is one of the most fascinating chemical structures on our planet. Three quarters of the earth are covered by it. Our life originated in it, and our lives depend on it. The human body is made up of 75 % water, making it the most important component of our bodies. It is thus understandable, and proven by scientific experiments, that our health and life expectancy are directly dependent on the quality of our water.

Where we live, it is so self-evident that water pours out from the faucet that we hardly ever think that only 0.4 % of the water on our planet is drinkable freshwater. We consume water every day - when drinking, when preparing beverages, and when cooking. With a water filtration system from BestWater, you ensure that you always have optimal drinking water available in a purity that only fresh spring water can provide - vital, crystal-clear, and delicious!



### JUNGBRUNNEN 22-00 ULTIMATE

It is that wonderful feeling of putting that cool glass of water up to your lips, taking the first sip, and feeling for a moment how good water is for the body. Water is the optimal thirst quencher, and is also the best for a conscious, healthy lifestyle.

Everybody who drinks water and who would like to control the water they drink wonders which water filter can provide them with the greatest security. Many people are not willing to compromise when it comes to health, well-being, and a conscious lifestyle. Most of them operate by the motto, "Only the best for me!"



### NEW GENERATION OF REVERSE OSMOSIS WATER FILTERS

"Never change a winning team" is a very applicable phrase in some cases. However, not for BestWater when it is researching and developing water filters. Just like the myriad impurities and contaminations found in water change and multiply, BestWater is always striving to develop more effective water filters. With the new Jungbrunnen 22-00 ULTIMATE, BestWater has developed a next-generation reverse osmosis water filter.



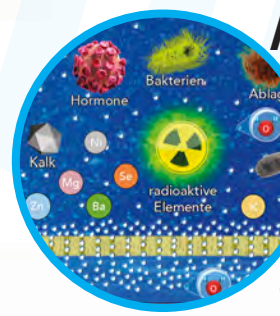
### UNBEATABLE QUANTITIES

BestWater water filters have always impressed with their efficiency during permeate production. This includes the Jungbrunnen 22-00 ULTIMATE, which produces up to 150 litres of the best, purest drinking water per day, or 6.25 litres per hour. At the same time, the permeate-to-retentate ratio is 1:2.5. To put it simply: three litres of water produces one litre of the best water through the faucet.



### TRIPLE PRE-FILTRATION

The new Jungbrunnen 22-00 ULTIMATE has three filter elements between the two quick-change cartridges. Both the cartridges (made from polyester thread and foamed polypropylene) and the waterproofed activated charcoal block (made from coconut husks) are especially significant. Both cartridges filter particles, impurities, chlorine, and organic substances from the water.



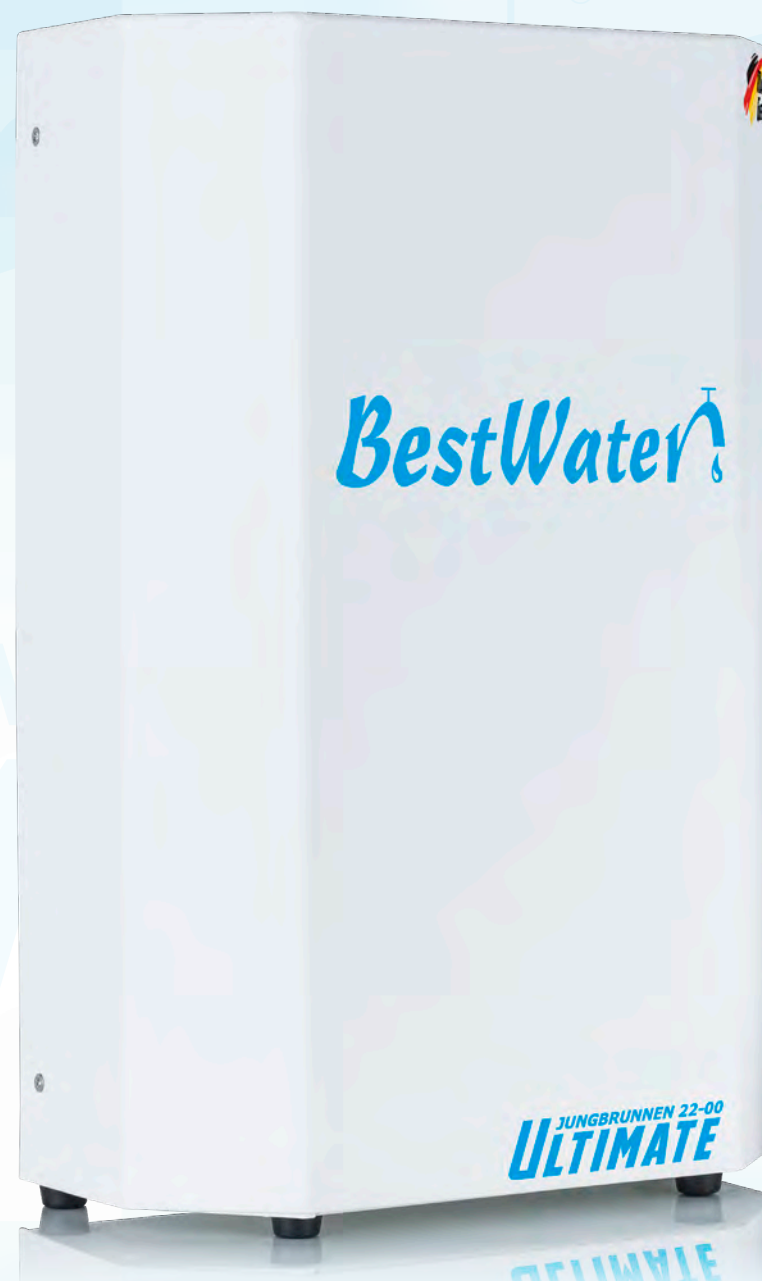
### REVERSE OSMOSIS FILTRATION

The reverse osmosis membrane allows the Jungbrunnen 22-00 ULTIMATE to filter out up to 99 % of all unwanted substances from the water and subsequently produce pure, spring-quality drinking water. An optimised filtration process removes up to 99 % of metals from the drinking water. Up to 99 % of pesticides and herbicides, more than 98 % of chlorides and nitrates, and up to 99 % of hydrocarbons are filtered out.



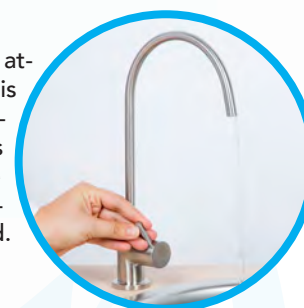
### COMPACT STRUCTURE

Thanks to its small casing and the integrated 5 l stored pressure tank, the Jungbrunnen 22-00 ULTIMATE can fit in even the smallest kitchens. The system can be used anywhere where a water connection is available. It is best to install the unit under the sink in the kitchen, but a closet, cellar, or storage room also allow for installation without any issues.



### STAINLESS STEEL FAUCET

When preparing drinking water, you should pay attention to both quality and health aspects. That is why the faucet for the Jungbrunnen 22-00 ULTIMATE is made completely of rust-proof stainless steel. No alloys that contain heavy metals like copper, lead, chrome, or brass, and can thus contaminate the water with these metals, are used. This prevents the risk of gradual poisoning.



### SIMPLIFIED MAINTENANCE

The filter of the Jungbrunnen 22-00 ULTIMATE can be changed quickly and with a few flicks of the wrist. Once the internal stored pressure tank has been emptied, the pre- and post-filters can be replaced. Installation and the hassle of disassembly are not required.



### EASY INSTALLATION

Installing the Jungbrunnen 22-00 ULTIMATE is easier than ever. All components are pre-installed and ready for use. The lines need only be installed with the quick connect system. All connections are aligned along the side, thereby allowing the system to be installed anywhere under the sink.

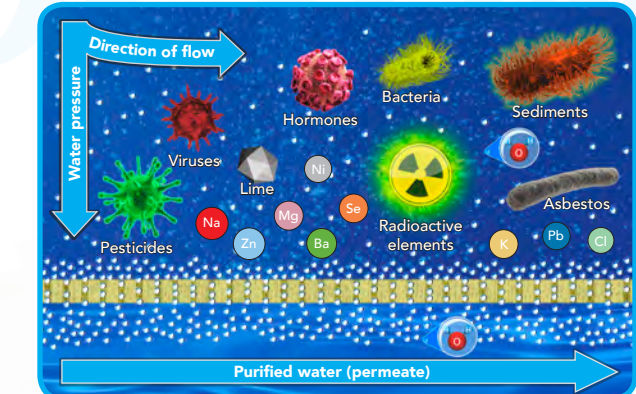


Example installation of the Jungbrunnen 22-00 ULTIMATE.

### LEARNED FROM NATURE

Osmosis is defined as the balance of concentration between two liquids via a semi-permeable (selectively permeable) membrane. This results in an unbalanced quantity of water on both sides of the membrane.

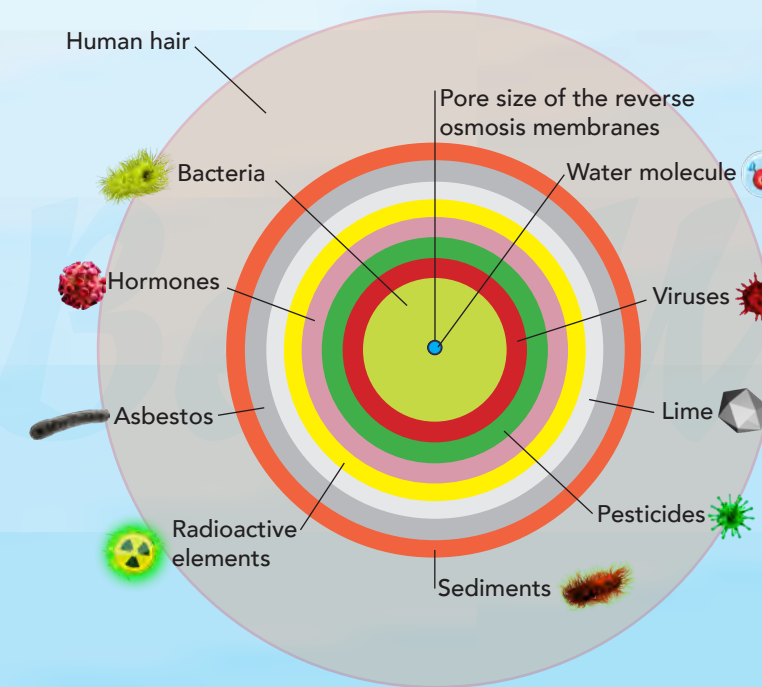
This technique, when reversed, is used for the preparation of water in BestWater water filters. This is because the direction of flow can be affected by sufficiently high pressure so as not to achieve the effect of dilution and equilibrium, but rather the nearly complete separation of contaminants.



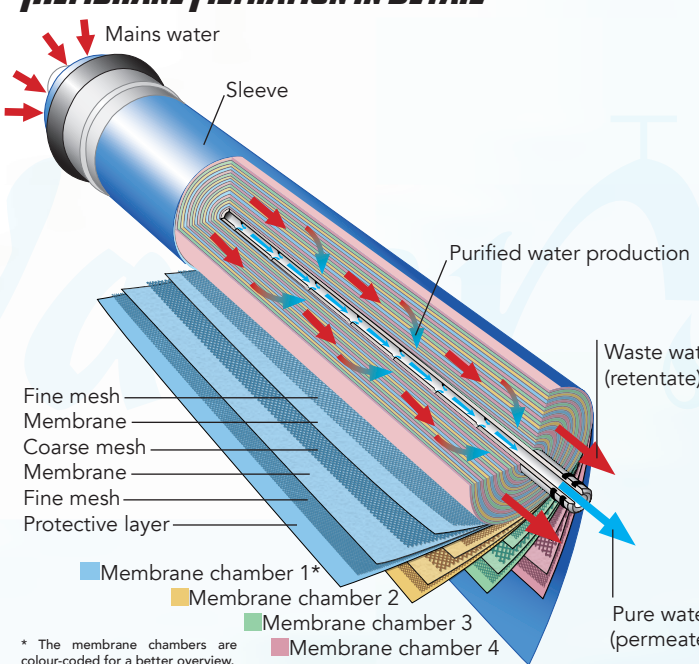
This means that a solution containing impurities is pressed against the membrane which, however, is only permeable for water molecules. While the dissolved substances that cannot pass through the membrane are held back, nearly completely purified water collects on the other side of the membrane.

Because the pore size lies within the realm of the smallest molecules, with a diameter of 0.1 nanometers (one tenth of a millionth of a millimeter), only water molecules are small enough to pass through these pores.

Membrane filtration is thus the only way to produce pure drinking water. This multi-layered membrane filtration process is the cornerstone of every BestWater water filter.



### MEMBRANE FILTRATION IN DETAIL



During filtration the water flows into the back part of the membrane and fills it in the shape of a spiral. Pressure forms inside and the water is pressed against the membrane layer. The expelled waste water (retentate) is led directly from the membrane into the drain via a residual energy retention system (PMP), while the purified water (permeate) flows along the coil of the membrane layer to the outflow pipe. From there it is refined further and ultimately reaches the consumer as the best spring-quality drinking water.

### FILTRATION EFFICIENCY OF THE BEST WATER REVERSE OSMOSIS MEMBRANES

Example of filtered impurities	Sediment pre-filter	Activated charcoal pre-filter	Reverse osmosis membrane
Arsenic compounds	■	■	■
Copper	■	■	■
Lead	■	■	■
Cadmium	■	■	■
Sodium	■	■	■
Sulfate	■	■	■
Calcium	■	■	■
Magnesium	■	■	■
Phosphate	■	■	■
Chloride	■	■	■
Fluoride	■	■	■
Nitrates	■	■	■
Coli bacteria	■	■	■
Viruses/bacteria	■	■	■
Organic substances	■	■	■
THM, TEE	■	■	■
Dioxine	■	■	■
Radioactive elements	■	■	■
Chlorine	■	■	■
Pesticides	■	■	■
Sediments	■	■	■
Bad taste	■	■	■
Odours	■	■	■

Legend: ■ No filtration ■ Slight filtration ■ Filtration

\* Die Filtrationsleistung der Umkehrosmosemembran ist abhängig vom Wasserfließdruck und der Wassertemperatur.

The Jungbrunnen 22-00 ULTIMATE is available in three colours:



WHITE



BLUE



GRAPHITE BLACK