How pure is our tap water?

Despite the fact that we pay money for water, public water treatment plants do not purity but clarify it. Chlorine and other oxidants, used from 1800s to eliminate biological pathogens such as coliform or E.Coli, cannot cope with the more resistant cysts such as cryptosporidium (Microorganisms that cause diseases), nor industrial/domestic inorganic chemical pollution. Much is discussed on the permissible level of pollutants in water, as well as side-effects of drinking chlorinated water or its by-products. One is certain - public water treatment plants do not have the means to remove all potential health hazards from the water that flows into our homes, our tubs and our taps. Even a new water treatment plant cannot help if your water travels through outdated, rusty, polluted and/or contaminated pipes.

Invisible Danger

Already more than 2100 different pollutants have been isolated in the tap water. The list includes chemicals common in cosmetics, dissolved drugs, shampoos, soaps, cleaners, herbicides, pesticides, lead and industrial solvents, to name a few. The US EPA has set guideline values on 85 of them. In many parts of the world bacteria, viruses and parasites cause diseases such as cholera, infectious hepatitis and Giardiasis. Most of the pollutants, causing acute or chronic illness are invisible and devoid of taste or smell. The stomach flu is caused by either food, water contamination or poor hygiene, while inorganic chemicals in water can increase the risk of cancer.

Our Solutions

Since our body consists of up to 75% water, clean water is the foundation of a healthy life. Unfortunately we cannot rely on the purity of tap water. Microorganisms, chemicals, pesticides, herbicides and many other contaminants as described above are provided to us in our own kitchens. For years, ANSA Technologies designs and builds water treatment systems for drinking at point of use, the whole house filters or for emergency action after disasters. ANSA systems and solutions are designed to be easy to use, reliable and aesthetically pleasing. We are honored to work with traditional Polish Boleslawiec ceramics to provide you with healthy and clean water from our systems VAZIA in the beautiful Polish Ceramics dispencer, the most natural and healthy way to store water.

VAZIA
Plug and Purify™

ORYGINALNA CERAMIKA Z BOLESŁAWCA
WIZA

Water technology and handmade art
meet to reveal the beauty
and convenience of traditional
and modern design of filtration technology.

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VAZIA
Plug and Purify™

How VAZIA will improve the quality of your drinking water and your life style?

Thanks to VAZIA, you, your family, relatives, customers or employees can enjoy pure, healthy water with great natural taste from the ceramic stone dispenser!

VAZIA purification system can be installed anywhere: in the basement, under the kitchen sink, in the office, or where enough space is available.
(System dimensions: 425 x 165 x 415 mm, 16.7" x 6.5" x 16.3")
(Weight: 5 kg, 11 lbs)

- Thanks to the system stand, no need for under sink wall mounting

- Ceramic dispenser from original Boleslawiec pottery can stand up to 4 meters from the system. Ceramic dispenser closed by its lid is the most healthy and natural way to store fresh and clean water. Ten different Boleslawiec ceramics designs to choose from. Ideal for traditional or modern kitchen, offices, for banquets, lounges or conference rooms.

- Dimensions of the ceramic dispenser with lid:
LxWxH: 440 x 330 x 300 mm, 17.3" x 13" x 12"
Weight: 4.6 kg, 10 lbs
Volume: 7.5 liter, 2 gallons

- In ordinary systems with pressurized plastic tanks, water is stored in a rubber bladder, where the substances of rubber and plastic can leach into the filtered water, also ideal environment for bifilm and bacteria growth.

- You'll never have to pay for bottled water from an uncertain source again. Never worry about access to pure and healthy water. Auto-fillup function: when the water is used, the system automatically refills the ceramic dispenser. When the dispenser is full, the valve automatically shuts down the system. VAZIA can produce 379 liters (100 gallons) of pure, fresh water daily.

- Free yourself from buying, lifting, carrying, and storing 19 liter (5 gallon) bottles of water, which have ideal conditions for bacteria to multiply.

- There is no need to drill holes in the sink or your fancy granite for a small RO faucet used for regular systems, just pull the hose coming out of the system to the ceramic dispenser. (tube diameter of 1/4" x 4 m included in set)

- Stylish kitchen furniture, designer faucet, carefully selected sink, granite or marble countertop... and now you finally have a better choice. No more cheap imitation faucets.

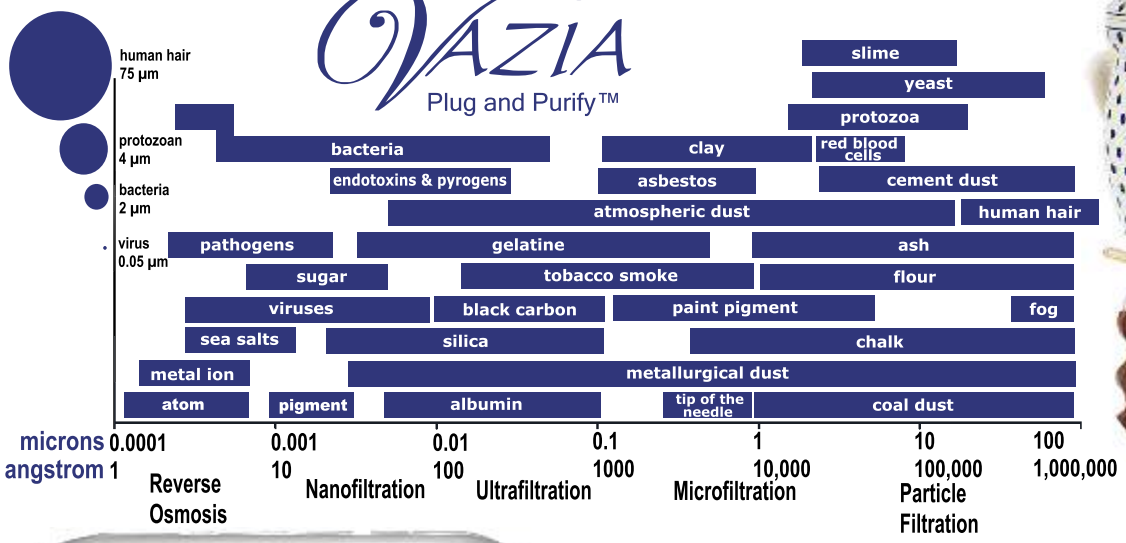
- **Plug and Purify™: easy installation**
Just connect the color coded tubing to the color coded quick connect fittings in the back of the Vazia. No confusing schemas to read during installation. The cover and bracket were designed with convenience and elegance in mind. All tubing and inline filters are protected under the easily removed cover.

- High quality components (from Italy, Germany and US)

- All components having contact with water are NSF/FDA and or PZH certified.

- ANSA Technologies Sp. z o.o. is the manufacturer and owner of patents on water treatment systems combined with ceramics dispensers, and/or similar solutions.

VAZIA
Plug and Purify™



VAZIA set includes:

- modern design 6 stage reverse osmosis system
- 7.5 liter (2 gal) ceramic dispenser
- wooden and ceramic stand (Beechwood)

CARTRIDGE	6 MO	12 MO	3-4 YRS
POLISED sediment cartridge (Polyester)	X		
SEDI-CARB sediment/carbon cartridge		X	
CARBON5 carbon block cartridge (5 micron)		X	
V-100MEM membrane (reverse osmosis)			X
ALKA-MINERAL mineralizing filter		X	

Traditional Polish Stoneware Ceramika Bolesławiecka

6 stages of purification:

1 **Sediment Filter** removes the larger particles, sediments found in water, extends the life of the remaining filters.

2-3 **Sediment / Carbon Filter** removes dissolved solids upto 5 microns. Increases the effectiveness of the subsequent stages of filtration. Traps VOCs, chlorine, and organic contaminants. Extends the life of the remaining filters.

4 **Activated carbon block** removes chlorine and some organic contaminants, inorganic chemicals, heavy metals. Also traps VOCs.

5 **Reverse Osmosis Membrane** removes 99.99999% (8 log) of all compounds dissolved in water, harmful bacteria and cysts (crypto and Giardia) in water. Water passing through the reverse osmosis membrane is essentially pure water.

6 **Mineralizing Filter** with its ceramic components, and specially selected minerals, improves the taste of water, enriches minerals and activates the water molecules by breaking the clusters at the molecular level. Smaller clusters of water are quickly and easily absorbed by the cells. Alkaline water minimizes fluctuations in pH in the body. KDF, bactericidal granule type copper-zinc of high purity eliminates bacterial growth when the system is not active.

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