

Argumentation: How and why ionized water, treated by IPS KalyxX has positive health impact.

No.1:

- **IPS or Ion Polarization System** : Is equipped *with silver in its flow chamber*. Silver prevents the formation of bacteria and algae. Today we know that silver ions actively destroy cell walls of bacteria, even at a concentration as low as one silver ion to a billion cells of bacteria. This struggle against bacteria also does not affect the cells of larger organisms. The silver is **ANTIBACTERIAL**, and it is his, perhaps the most important feature for human being.
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No.2:

- **IPS and its Ionizing effect on water** : Firstly is important to note, that IPS device has a potential to increase the Ph level of the water, which means the water after IPS treatment is transformed to a Alkaline water. Alkaline water promotes better hydration. It has a smaller molecular content making it easier for the body to absorb. The “alkaline” in alkaline water refers to its pH level. The pH level is a number that measures how acidic or alkaline a substance is on a scale of 0-14. For example, something with a pH of 1 would be very acidic, and something with a pH of 13 would be very alkaline. Along with the PH level is important to note the ORP (oxidation reduction potential) of the water which is second impact of IPS water treatment. Oxidation Reduction Potential (ORP) is the measurement (in mV) that characterizes the presence of oxidising or reducing substances in a liquid in our case the liquid is WATER. Positive value means that the liquid is oxidizing, the higher, the more oxidative. The same applies for the opposite range, the lower, the more reductive. It is not just about pH but a combination of these two factors. IPS system is able to increase the Ph level at 7,5 -6 where ideal Ph of the human blood is 7,4. Thanks to that is water naturally alkaline with positive effect.

No.3:

- **IPS as the limescale reducer** :
- The device is designed for physical water treatment. It prevents the formation of scale and corrosion. Also it helps in their removal. Minerals and salts contained in the water causing the problem of solid deposits-scale in the hot water piping systems, boilers, laundry, refrigeration, in faucets, **shower heads**, and so on. IPS systems is able to reduce 55% of usual limescale within no longer than 11 days. IPS device will generate a small galvanic current which will change the manner in which Calcium Carbonate (= scale) will crystallize. Instead of a hard deposit the scale will form a powder which is simply washed away. Thanks to the ionization process which was created at the first place the result is a elimination of need for chemicals.

IPS is certified



TUV Type Approval



Certificate of compliance



The decision of the Public Health



Measuring the effects of hard water equipment



