www.aquafilter.com

The Clear Choice
Water Filtration Systems

AIFIR-200

New alkalizing-mineralizing in-line cartridge

General Description:

New alkalizing-mineralizing in-line cartridge.

Novel, high-tech **AIFIR-200** in-line cartridge enriches water with elements which were removed during reverse osmosis process. Therefore consumption of water filtered with **AIFIR-200** supplies the organism with large amount of calcium, magnesium, sodium, potassium, selenium and other microelements essential for proper organism functioning.

The cartridge also contains bioceramic media which alkalize water, lowers ORP level down to -100 mV and increases the pH*
Alkaline water is a perfect radical scavenger, which are responsible for faster aging and have a great influence on cancer development.
The cartridge fits most undercounter and RO systems commercially available.
*** increases pH level with two points - depending on the flow and feed water parameters.**

Each cartridge was pressure tested.

Made in EU

Features:

- Competitive pricing
- Component FDA CFR Title 21 Compliant
- Produces alkalized Water, adjusts pH
- Reduces ORP down to - 100 mV
- Antimicrobial properties
- Effective free-radical scavenger
- Reverses the effects of aging, due to reduction of acid wastes and free radicals
- Gives back minerals such as calcium, iron, zinc, magnesium, copper, selenium, sodium and potassium, removed by reverse osmosis
- Helps the body dissolve wastes and makes it easier to dispose of them safely
- There is no age limit for using this product. It can be used from the day you are born until very old age
- Provides more energy and improves metabolic process
- Improves stamina, health and overall quality of life
- Natural alkalizer, mineralizer is effective and affordable
- Can be used as peracidity remedy
- Beneficial influence on human biochemical processes
- Improves taste of water
- Made in the EU with High Quality materials

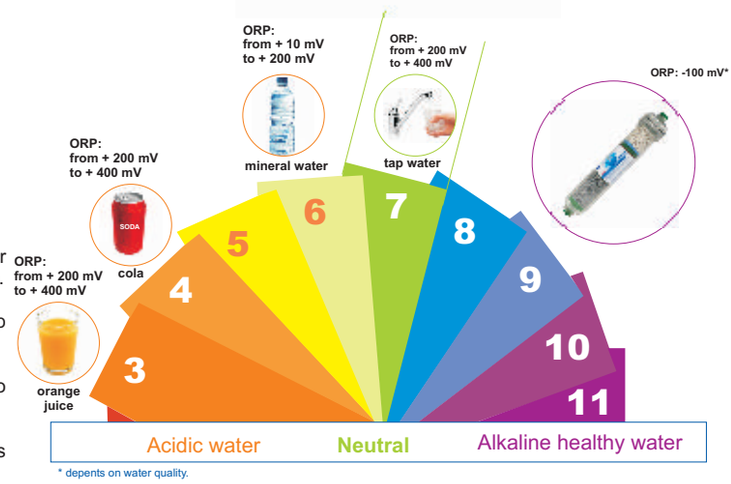
Recomendations for Use:

Drink up to 2 liters of alkalized and ionized water daily. Alkaline water reaches the brain in less than 2 minutes, which improves concentration.

It is absorbed faster and intensifies metabolic processes and speeds up toxin removal.

Immersion of meat or fish in alkaline water for 30 minutes helps to eliminate the traces of blood and removes unpleasant fishy odor.

Immersion of fruits and vegetables in alkaline water for 30 minutes removes the pesticides without the loss of precious minerals.



* depents on water quality.

BAGNIX™ antibacterial

Nanosilver is a known bacteriostatic agent. As water enters each stage of filtration, it is supplemented with traces of nanosilver equivalent to 15-20 ppb. This trace quantity of nanosilver imparts bacteriostatic agents and restricts the propagation of micro-organisms inside the filtration system, which in turn enhances shelf life and protects from future contamination.

Amount of minerals released into water*

Ca^{2+}	22,45	mg/l
Mg^{2+}	38,41	mg/l
OH^-	0	mg/l
CO_3^{2-}	36,01	mg/l
HCO_3^-	30,51	mg/l

* based on manufacturer internal testing. Results depend on flow, temperature of water.

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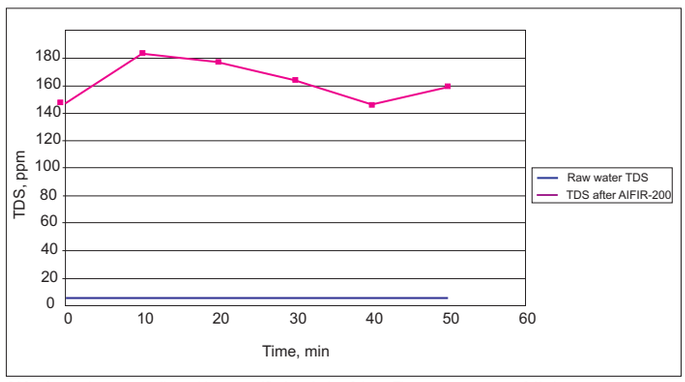
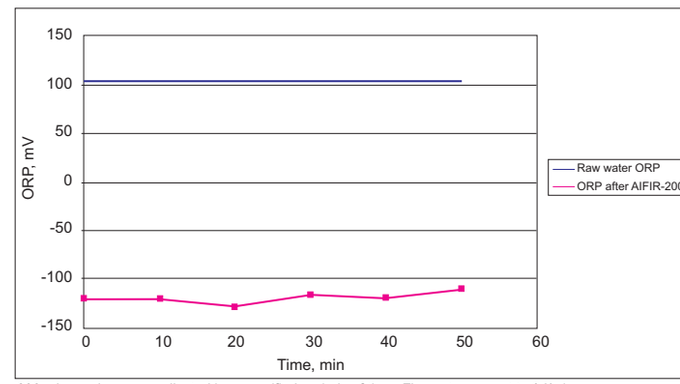
TDS of water RO after passing through AIFIR-100



200 ml samples were collected in a specified periods of time. Flow rate was set to 3 l/min.
Temperature was between 20,6°C - 20,9°C. The results are summarized above.

ORP of water RO after passing through AIFIR-200



200 ml samples were collected in a specified periods of time. Flow rate was set to 3 l/min.
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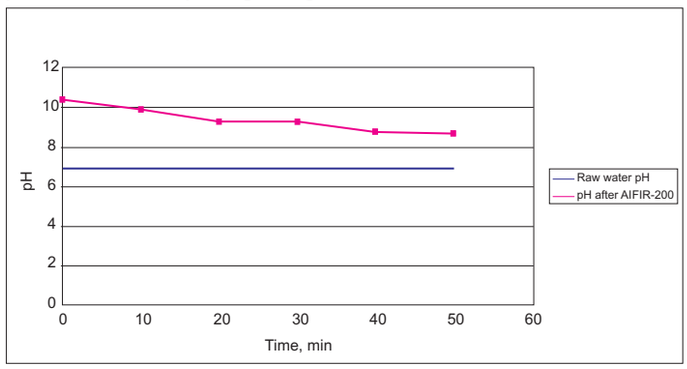
pH of water RO after passing through AIFIR-200



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Specifications:

Media: alkaline ORP and mineralizing ceramic ball media
Connections: 1/4" NPT
Filter Life: 6 - 12 months
Dimensions: 2"x 10"(61 mm x 274 mm)
Flow Rate: 2.8 L/min(0.75 gpm)
Operating Pressure: 6 bar (90 psi)
Minimum Temperature: 2ºC (35ºF)
Maximum Temperature: 45°C (113°F)

IMPORTANT NOTICE: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Cartridges are designed for filtration with cold potable water. We recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly.
Improper installation and maintenance may result in property damage due to water leakage.
Limited Warranty: AQUAFILTER warrants that this product is free from defects in materials and workmanship.
This limited warranty does not apply to failures that result from abuse, misuse, alteration or failure to properly comply with installation or cartridge change instructions.
We strongly recommend adding to all point of use and point of entry a Pressure Limiting Valve to guard against unwanted extreme water pressure events pressure increases, surges, and waterhammer which could occur in the water pipes. Not having one installed could mean that if you ever did have to claim damage caused by a burst water filter system, the claim will be denied.

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NSF COMPONENT · WRAS APPROVED PRODUCT · CE · FDA Compliant to the standard 21 CFR · REACH COMPLIANCE · RoHS Compliant · COMPLIANCE EU 10/2011 · MEMBER Water Quality · IWA the international water association · Member of we watercoolers europe