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Water Remineraliser for Reverse Osmosis systems



Price: £10.95

Brand: [Direct Water Filters](#)

Product Code: RO-MIN

Availability: In Stock

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2" x 10" in-line mineralizing cartridge.

Used in the process of reverse osmosis filtration. Available in 2" white in-line housing with connection 1/4" npt, female. Drinking of water filtered in reverse osmosis system and later re-mineralized, can provide you with the right amount of minerals, that your body needs daily.

Reverse osmosis filtration removes 96% - 99% of all contaminants and minerals from water. The mineralizing cartridge brings back those lost minerals. When water flows through the dolomite filtration media, it gets enriched with the mineral elements necessary for the human body, such as calcium, magnesium, potassium, sodium. The content of minerals in re-mineralized water is comparable with the mineral content in bottled mineral water available in stores.

Characteristics of the minerals:

Calcium - the basic component of bones and teeth. Beneficial for the metabolism process and essential for maintaining normal heart function and the activity of the neuromuscular system.

Magnesium - takes part in more than 300 biochemical processes, thus it determines the proper functioning of the immune and neuromuscular system. Prevents cancer, atherosclerosis, heart attacks, and kidney stones.

Sodium - regulates hydration of the body and maintains the proper acid-base balance, is a great blood stimulator.

Potassium - the most important cation in the intracellular fluid. In smaller amounts, it is also found in the extracellular fluid. Potassium regulates the water balance of the body and maintains the proper heart rhythm and affects the acid-base balance. Additionally, potassium maintains the proper osmotic pressure.

The cartridge should not be used in case of microbial contamination, or on water from an unknown source.

Advantages of the cartridge:

- Contains high-quality filtration media with the ability to re-mineralize the water
- Enriches water with mineral elements necessary for the human body (calcium, magnesium, sodium, potassium)
- Can be used in the process of reverse osmosis
- Fits into most of the reverse osmosis systems available on the market

Specifications:

Filter diameter: 53 mm

Length: 254 mm

Max. water flow: 250 l per day

Max. pressure: 6 bar

Max. temperature: 51°C

Efficiency: 3600 l

Connection: female 1/4" (input and output)

Cations: Ca²⁺: 34mg/l Mg²⁺: 12mg/l Na⁺: 22mg/l K⁺: 8.5mg/l

Anions: CO₃²⁻: 10mg/l SO₄²⁻: 0.3mg/l Cl⁻: 0.8mg/l F⁻: 0.06mg/l

Cartridge life: max. 12 months